



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
0		SHUTDOWN PLAN - SALT PLANT 2023	221 hrs	Wed 03/05/23 06:30	Tue 23/05/23 17:00		
1		Start of Shut	0 hrs	Wed 03/05/23 06:30	Wed 03/05/23 06:30		
2		Salt Plant works complete	0 hrs	Tue 23/05/23 17:00	Tue 23/05/23 17:00	21,38,55,72,	
3	AREA 14A	SOLAR PONDS	198 hrs	Wed 03/05/23 06:30	Sun 21/05/23 15:00		
4		OPERATIONS JOBS	26 hrs	Wed 03/05/23 06:30	Fri 05/05/23 11:00		
5		BASHSP-001 - Plant stoppage	2 hrs	Wed 03/05/23 06:30	Wed 03/05/23 09:00		
6		Stop feed	0 hrs	Wed 03/05/23 06:30	Wed 03/05/23 06:30	1SS	
7		Run plant empty	2 hrs	Wed 03/05/23 07:00	Wed 03/05/23 09:00	6,1	
8		BASHSP-0002 - Cleaning	24 hrs	Wed 03/05/23 09:00	Fri 05/05/23 11:00		
9		General Cleaning	24 hrs	Wed 03/05/23 09:00	Fri 05/05/23 11:00	7	
10		MECHANICAL JOBS	198 hrs	Wed 03/05/23 06:30	Sun 21/05/23 15:00		
11		BASHSP-0003 - PS7 ST1 & ST2 - Carry out inspection on flush line	22.5 hrs	Wed 03/05/23 07:00	Fri 05/05/23 07:30		
12		Inspect Flush line	4 hrs	Wed 03/05/23 07:00	Wed 03/05/23 11:00	7SS	K Fanyane,R Selo
13		Issue Permit To Work	0.25 hrs	Wed 03/05/23 11:00	Wed 03/05/23 11:15	12	Operations
14		Accept permit	0.25 hrs	Wed 03/05/23 11:15	Wed 03/05/23 11:30	13	K Fanyane,R Selo
15		Issue Excavation Permit	0.25 hrs	Wed 03/05/23 11:30	Wed 03/05/23 11:45	14	Electrical
16		Accept Excavation Permit	0.25 hrs	Wed 03/05/23 11:45	Wed 03/05/23 12:00	15	K Fanyane,K Machenge,M Basisi,R Selo
17		Carry out risk assessment	0.25 hrs	Wed 03/05/23 12:30	Wed 03/05/23 12:45	16	K Fanyane,K Machenge,M Basisi,R Selo
18		Inspect the existing flush pipe and repair leaks	8 hrs	Wed 03/05/23 12:45	Thu 04/05/23 09:15	17	K Fanyane,K Machenge,M Basisi,R Selo
19		Replace isolation valves	8 hrs	Thu 04/05/23 09:15	Thu 04/05/23 17:45	18	K Fanyane,K Machenge,M Basisi,R Selo
20		Housekeeping	1 hr	Thu 04/05/23 17:45	Fri 05/05/23 07:15	19	K Fanyane,K Machenge,M Basisi,R Selo
21		Clear Permit	0.25 hrs	Fri 05/05/23 07:15	Fri 05/05/23 07:30	20	K Fanyane,K Machenge,M Basisi,R Selo
22	14A2G412A	BASHSP-004 - T-Brine Line Non Return Valves - Swing - PS7 ST1 North Pump	38.75 hrs	Wed 03/05/23 09:00	Sat 06/05/23 15:15		
23		Prepare studs (prior)	0 hrs	Wed 03/05/23 09:00	Wed 03/05/23 09:00	7	K Fanyane,R Selo
24		Issue Permit To Work	0.25 hrs	Wed 03/05/23 09:00	Wed 03/05/23 09:15	23	Operations
25		Accept permit	0.25 hrs	Wed 03/05/23 09:15	Wed 03/05/23 09:30	24	K Fanyane,R Selo
26		Cut off studs prior and leave 8 off	0.5 hrs	Wed 03/05/23 09:30	Wed 03/05/23 10:00	25	K Fanyane,R Selo
27		Support valve on a mobile crane	0.5 hrs	Wed 03/05/23 10:00	Wed 03/05/23 10:30	26	A Omphile,K Machenge,L Kelapile,M Basisi,O Manere,M_Crane20T
28		Cut off remaining 8 bolts	1 hr	Wed 03/05/23 10:30	Wed 03/05/23 11:30	27	K Fanyane,R Selo
29		Swing NRVs	0.5 hrs	Wed 03/05/23 11:30	Wed 03/05/23 12:00	28	A Omphile,K Machenge,L Kelapile,M Basisi,O Manere,M_Crane20T
30		Install bolts and tighten	4 hrs	Wed 03/05/23 12:30	Wed 03/05/23 16:30	29	Fitters
31		Flush lines	4 hrs	Thu 04/05/23 19:00	Thu 04/05/23 23:00	30	Operations
32		Undo bolts	4 hrs	Fri 05/05/23 07:00	Fri 05/05/23 11:00	31	Fitters
33		Rig out NRV with crane help	0.5 hrs	Fri 05/05/23 11:00	Fri 05/05/23 11:30	32	A Omphile,K Machenge,L Kelapile,M Basisi,O Manere,M_Crane20T
34		Grind off the existing rubberlining	1 hr	Fri 05/05/23 11:30	Fri 05/05/23 13:00	33	K Machenge,M Basisi
35		Inspect, reinstate rubberlining&cure	8 hrs	Fri 05/05/23 13:00	Sat 06/05/23 09:30	34	K Machenge,M Basisi
36		Swing back NRVs	1 hr	Sat 06/05/23 09:30	Sat 06/05/23 10:30	35	A Omphile,K Machenge,L Kelapile,M Basisi,O Manere,M_Crane20T
37		Tighten bolts	4 hrs	Sat 06/05/23 10:30	Sat 06/05/23 15:00	36	K Machenge,M Basisi
38		Clear Permit	0.25 hrs	Sat 06/05/23 15:00	Sat 06/05/23 15:15	37	K Machenge,M Basisi
39	14A2G412B	BASHSP-0005 - T-Brine Line Non Return Valves - Swing - PS7 ST1 South Pump	38.75 hrs	Wed 03/05/23 09:00	Sat 06/05/23 15:15		
40		Prepare studs (prior)	0 hrs	Wed 03/05/23 09:00	Wed 03/05/23 09:00	23	K Fanyane,R Selo
41		Issue Permit To Work	0.25 hrs	Wed 03/05/23 09:15	Wed 03/05/23 09:30	40,24	Operations
42		Accept permit	0.25 hrs	Wed 03/05/23 09:30	Wed 03/05/23 09:45	41	K Fanyane,R Selo
43		Cut off studs prior and leave 8 off	0.5 hrs	Wed 03/05/23 09:45	Wed 03/05/23 10:15	42	K Fanyane,R Selo
44		Support valve on a mobile crane	0.5 hrs	Wed 03/05/23 10:15	Wed 03/05/23 10:45	43	A Omphile,K Machenge,L Kelapile,M Basisi,O Manere,M_Crane20T
45		Cut off remaining 8 bolts	1 hr	Wed 03/05/23 10:45	Wed 03/05/23 11:45	44	K Fanyane,R Selo
46		Swing NRVs	0.5 hrs	Wed 03/05/23 11:45	Wed 03/05/23 12:45	45	A Omphile,K Machenge,L Kelapile,M Basisi,O Manere,M_Crane20T
47		Install bolts and tighten	4 hrs	Wed 03/05/23 12:45	Wed 03/05/23 16:45	46	Fitters
48		Flush lines	0 hrs	Thu 04/05/23 19:00	Thu 04/05/23 19:00	47,31SS	Operations
49		Undo bolts	4 hrs	Fri 05/05/23 07:00	Fri 05/05/23 11:00	48	Fitters
50		Rig out NRV with crane help	0.5 hrs	Fri 05/05/23 11:00	Fri 05/05/23 11:30	49	A Omphile,K Machenge,L Kelapile,M Basisi,O Manere,M_Crane20T
51		Grind off the existing rubberlining	1 hr	Fri 05/05/23 11:30	Fri 05/05/23 13:00	50	K Machenge,M Basisi
52		Inspect, reinstate rubberlining&cure	8 hrs	Fri 05/05/23 13:00	Sat 06/05/23 09:30	51	K Machenge,M Basisi



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
53		Swing back NRVs	1 hr	Sat 06/05/23 09:30	Sat 06/05/23 10:30	52	A Omphile,K Machenge,L Kelapile,M Basisi,O Manere,M_Crane20T
54		Tighten bolts	4 hrs	Sat 06/05/23 10:30	Sat 06/05/23 15:00	53	K Machenge,M Basisi
55		Clear Permit	0.25 hrs	Sat 06/05/23 15:00	Sat 06/05/23 15:15	54	K Machenge,M Basisi
56	14A2G413A	BASHSP-0006 - T-Brine Line Non Return Valves - Swing - PS7 ST2 North Pump	38.75 hrs	Wed 03/05/23 09:00	Sat 06/05/23 15:15		
57		Prepare studs (prior)	0 hrs	Wed 03/05/23 09:00	Wed 03/05/23 09:00	40	K Fanyane,R Selo
58		Issue Permit To Work	0.25 hrs	Wed 03/05/23 09:30	Wed 03/05/23 09:45	57,41	Operations
59		Accept permit	0.25 hrs	Wed 03/05/23 09:45	Wed 03/05/23 10:00	58	K Fanyane,R Selo
60		Cut off studs prior and leave 8 off	0.5 hrs	Wed 03/05/23 10:00	Wed 03/05/23 10:30	59	K Fanyane,R Selo
61		Support valve on a mobile crane	0.5 hrs	Wed 03/05/23 10:30	Wed 03/05/23 11:00	60	A Omphile,K Machenge,L Kelapile,M Basisi,O Manere,M_Crane20T
62		Cut off remaining 8 bolts	1 hr	Wed 03/05/23 11:00	Wed 03/05/23 12:00	61	K Fanyane,R Selo
63		Swing NRVs	0.5 hrs	Wed 03/05/23 12:30	Wed 03/05/23 13:00	62	A Omphile,K Machenge,L Kelapile,M Basisi,O Manere,M_Crane20T
64		Install bolts and tighten	4 hrs	Wed 03/05/23 13:00	Wed 03/05/23 17:00	63	Fitters
65		Flush lines	0 hrs	Thu 04/05/23 19:00	Thu 04/05/23 19:00	64,31SS	Operations
66		Undo bolts	4 hrs	Fri 05/05/23 07:00	Fri 05/05/23 11:00	65	Fitters
67		Rig out NRV with crane help	0.5 hrs	Fri 05/05/23 11:00	Fri 05/05/23 11:30	66	A Omphile,K Machenge,L Kelapile,M Basisi,O Manere,M_Crane20T
68		Grind off the existing rubberlining	1 hr	Fri 05/05/23 11:30	Fri 05/05/23 13:00	67	K Machenge,M Basisi
69		Inspect, reinstate rubberlining&cure	8 hrs	Fri 05/05/23 13:00	Sat 06/05/23 09:30	68	K Machenge,M Basisi
70		Swing back NRVs	1 hr	Sat 06/05/23 09:30	Sat 06/05/23 10:30	69	A Omphile,K Machenge,L Kelapile,M Basisi,O Manere,M_Crane20T
71		Tighten bolts	4 hrs	Sat 06/05/23 10:30	Sat 06/05/23 15:00	70	K Machenge,M Basisi
72		Clear Permit	0.25 hrs	Sat 06/05/23 15:00	Sat 06/05/23 15:15	71	K Machenge,M Basisi
73	14A2G413B	BASHSP-0007 - T-Brine Line Non Return Valves - Swing - PS7 ST2 South Pump	38.75 hrs	Wed 03/05/23 09:00	Sat 06/05/23 15:15		
74		Prepare studs (prior)	0 hrs	Wed 03/05/23 09:00	Wed 03/05/23 09:00	57	K Fanyane,R Selo
75		Issue Permit To Work	0.25 hrs	Wed 03/05/23 09:45	Wed 03/05/23 10:00	74,58	Operations
76		Accept permit	0.25 hrs	Wed 03/05/23 10:00	Wed 03/05/23 10:15	75	K Fanyane,R Selo
77		Cut off studs prior and leave 8 off	0.5 hrs	Wed 03/05/23 10:15	Wed 03/05/23 10:45	76	K Fanyane,R Selo
78		Support valve on a mobile crane	0.5 hrs	Wed 03/05/23 10:45	Wed 03/05/23 11:15	77	A Omphile,K Machenge,L Kelapile,M Basisi,O Manere,M_Crane20T
79		Cut off remaining 8 bolts	1 hr	Wed 03/05/23 11:15	Wed 03/05/23 12:45	78	K Fanyane,R Selo
80		Swing NRVs	0.5 hrs	Wed 03/05/23 12:45	Wed 03/05/23 13:15	79	A Omphile,K Machenge,L Kelapile,M Basisi,O Manere,M_Crane20T
81		Install bolts and tighten	4 hrs	Wed 03/05/23 13:15	Wed 03/05/23 17:15	80	Fitters
82		Flush lines	0 hrs	Thu 04/05/23 19:00	Thu 04/05/23 19:00	81,31SS	Operations
83		Undo bolts	4 hrs	Fri 05/05/23 07:00	Fri 05/05/23 11:00	82	Fitters
84		Rig out NRV with crane help	0.5 hrs	Fri 05/05/23 11:00	Fri 05/05/23 11:30	83	A Omphile,K Machenge,L Kelapile,M Basisi,O Manere,M_Crane20T
85		Grind off the existing rubberlining	1 hr	Fri 05/05/23 11:30	Fri 05/05/23 13:00	84	K Machenge,M Basisi
86		Inspect, reinstate rubberlining&cure	8 hrs	Fri 05/05/23 13:00	Sat 06/05/23 09:30	85	K Machenge,M Basisi
87		Swing back NRVs	1 hr	Sat 06/05/23 09:30	Sat 06/05/23 10:30	86	A Omphile,K Machenge,L Kelapile,M Basisi,O Manere,M_Crane20T
88		Tighten bolts	4 hrs	Sat 06/05/23 10:30	Sat 06/05/23 15:00	87	K Machenge,M Basisi
89		Clear Permit	0.25 hrs	Sat 06/05/23 15:00	Sat 06/05/23 15:15	88	K Machenge,M Basisi
90	14A2G412A	BASHSP-0008 - T-Brine Line Manual Valves - Inspect & Clean - PS7 ST1 North Pump	10.25 hrs	Fri 05/05/23 07:00	Fri 05/05/23 17:45		
91		Prepare studs (prior)	0 hrs	Fri 05/05/23 07:00	Fri 05/05/23 07:00	83SS	K Fanyane,R Selo
92		Issue Permit To Work	0.25 hrs	Fri 05/05/23 07:00	Fri 05/05/23 07:15	91	Operations
93		Accept permit	0.25 hrs	Fri 05/05/23 07:15	Fri 05/05/23 07:30	92	K Fanyane,R Selo
94		Cut off studs prior and leave 8 off	0 hrs	Fri 05/05/23 07:30	Fri 05/05/23 07:30	93	K Fanyane,R Selo
95		Support valve on a mobile crane	0.5 hrs	Fri 05/05/23 07:30	Fri 05/05/23 08:00	94	A Omphile,K Machenge,L Kelapile,M Basisi,O Manere,M_Crane20T
96		Cut off remaining 8 bolts	0.5 hrs	Fri 05/05/23 08:00	Fri 05/05/23 08:30	95	K Fanyane,R Selo
97		Replace manual valves	4 hrs	Fri 05/05/23 08:30	Fri 05/05/23 13:00	96	K Machenge,M Basisi,A Omphile,L Kelapile,O Manere,M_Crane20T
98		Tighten bolts	4 hrs	Fri 05/05/23 13:00	Fri 05/05/23 17:00	97	K Machenge,M Basisi
99		Housekeeping	0.5 hrs	Fri 05/05/23 17:00	Fri 05/05/23 17:30	98	K Machenge,M Basisi
100		Clear Permit	0.25 hrs	Fri 05/05/23 17:30	Fri 05/05/23 17:45	99	K Machenge,M Basisi
101	14A2G412B	BASHSP-0009 - T-Brine Line Manual Valves - Inspect & Clean - PS7 ST1 South Pump	10.25 hrs	Fri 05/05/23 07:00	Fri 05/05/23 17:45		
102		Prepare studs (prior)	0 hrs	Fri 05/05/23 07:00	Fri 05/05/23 07:00	83SS	K Fanyane,R Selo
103		Issue Permit To Work	0.25 hrs	Fri 05/05/23 07:00	Fri 05/05/23 07:15	102	Operations
104		Accept permit	0.25 hrs	Fri 05/05/23 07:15	Fri 05/05/23 07:30	103	K Fanyane,R Selo
105		Cut off studs prior and leave 8 off	0 hrs	Fri 05/05/23 07:30	Fri 05/05/23 07:30	104	K Fanyane,R Selo



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
106		Support valve on a mobile crane	0.5 hrs	Fri 05/05/23 07:30	Fri 05/05/23 08:00	105	A Omphile,K Machenge,L Kelapile,M Basisi,O Manere,M_Crane20T
107		Cut off remaining 8 bolts	0.5 hrs	Fri 05/05/23 08:00	Fri 05/05/23 08:30	106	K Fanyane,R Selo
108		Replace manual valves	4 hrs	Fri 05/05/23 08:30	Fri 05/05/23 13:00	107	K Machenge,M Basisi,A Omphile,L Kelapile,O Manere,M_Crane20T
109		Tighten bolts	4 hrs	Fri 05/05/23 13:00	Fri 05/05/23 17:00	108	K Machenge,M Basisi
110		Housekeeping	0.5 hrs	Fri 05/05/23 17:00	Fri 05/05/23 17:30	109	K Machenge,M Basisi
111		Clear Permit	0.25 hrs	Fri 05/05/23 17:30	Fri 05/05/23 17:45	110	K Machenge,M Basisi
112	14A2G413A	BASHSP-0010 - T-Brine Line Manual Valves - Inspect & Clean - PS7 ST2 North Pump	10.25 hrs	Fri 05/05/23 07:00	Fri 05/05/23 17:45		
113		Prepare studs (prior)	0 hrs	Fri 05/05/23 07:00	Fri 05/05/23 07:00	83SS	K Fanyane,R Selo
114		Issue Permit To Work	0.25 hrs	Fri 05/05/23 07:00	Fri 05/05/23 07:15	113	Operations
115		Accept permit	0.25 hrs	Fri 05/05/23 07:15	Fri 05/05/23 07:30	114	K Fanyane,R Selo
116		Cut off studs prior and leave 8 off	0 hrs	Fri 05/05/23 07:30	Fri 05/05/23 07:30	115	K Fanyane,R Selo
117		Support valve on a mobile crane	0.5 hrs	Fri 05/05/23 07:30	Fri 05/05/23 08:00	116	A Omphile,K Machenge,L Kelapile,M Basisi,O Manere,M_Crane20T
118		Cut off remaining 8 bolts	0.5 hrs	Fri 05/05/23 08:00	Fri 05/05/23 08:30	117	K Fanyane,R Selo
119		Replace manual valves	4 hrs	Fri 05/05/23 08:30	Fri 05/05/23 13:00	118	K Machenge,M Basisi,A Omphile,L Kelapile,O Manere,M_Crane20T
120		Tighten bolts	4 hrs	Fri 05/05/23 13:00	Fri 05/05/23 17:00	119	K Machenge,M Basisi
121		Housekeeping	0.5 hrs	Fri 05/05/23 17:00	Fri 05/05/23 17:30	120	K Machenge,M Basisi
122		Clear Permit	0.25 hrs	Fri 05/05/23 17:30	Fri 05/05/23 17:45	121	K Machenge,M Basisi
123	14A2G413B	BASHSP-0011 - T-Brine Line Manual Valves - Inspect & Clean - PS7 ST2 South Pump	10.25 hrs	Fri 05/05/23 07:00	Fri 05/05/23 17:45		
124		Prepare studs (prior)	0 hrs	Fri 05/05/23 07:00	Fri 05/05/23 07:00	83SS	K Fanyane,R Selo
125		Issue Permit To Work	0.25 hrs	Fri 05/05/23 07:00	Fri 05/05/23 07:15	124	Operations
126		Accept permit	0.25 hrs	Fri 05/05/23 07:15	Fri 05/05/23 07:30	125	K Fanyane,R Selo
127		Cut off studs prior and leave 8 off	0 hrs	Fri 05/05/23 07:30	Fri 05/05/23 07:30	126	K Fanyane,R Selo
128		Support valve on a mobile crane	0.5 hrs	Fri 05/05/23 07:30	Fri 05/05/23 08:00	127	A Omphile,K Machenge,L Kelapile,M Basisi,O Manere,M_Crane20T
129		Cut off remaining 8 bolts	0.5 hrs	Fri 05/05/23 08:00	Fri 05/05/23 08:30	128	K Fanyane,R Selo
130		Replace manual valves	4 hrs	Fri 05/05/23 08:30	Fri 05/05/23 13:00	129	K Machenge,M Basisi,A Omphile,L Kelapile,O Manere,M_Crane20T
131		Tighten bolts	4 hrs	Fri 05/05/23 13:00	Fri 05/05/23 17:00	130	K Machenge,M Basisi
132		Housekeeping	0.5 hrs	Fri 05/05/23 17:00	Fri 05/05/23 17:30	131	K Machenge,M Basisi
133		Clear Permit	0.25 hrs	Fri 05/05/23 17:30	Fri 05/05/23 17:45	132	K Machenge,M Basisi
134	14A2G412A	BASHSP-0012 - PS7 ST1 North Pump - Remove Pump For Cleaning and overhaul	48.5 hrs	Fri 05/05/23 06:30	Tue 09/05/23 13:30		
135		Machine motor coupling (prior)	0 hrs	Fri 05/05/23 06:30	Fri 05/05/23 06:30	6	
136		Issue Permit To Work	0.25 hrs	Fri 05/05/23 17:45	Fri 05/05/23 18:00	135,133	Operations
137		Accept permit	0.25 hrs	Fri 05/05/23 18:00	Fri 05/05/23 18:15	136	K Fanyane,R Selo
138		Disconnect motor	0.5 hrs	Fri 05/05/23 18:15	Sat 06/05/23 07:15	137	K Opelo,T Moalosi
139		Rig out motor	1 hr	Sat 06/05/23 07:15	Sat 06/05/23 08:15	138	K Machenge,M Basisi,A Omphile,L Kelapile,O Manere,M_Crane20T
140		Remove discharge pipe bolts	1 hr	Sat 06/05/23 08:15	Sat 06/05/23 09:15	139	K Fanyane,R Selo
141		Remove Pump	0.5 hrs	Sat 06/05/23 09:15	Sat 06/05/23 09:45	140	A Omphile,K Machenge,L Kelapile,M Basisi,O Manere,M_Crane20T
142		Clean pump	2 hrs	Sat 06/05/23 09:45	Sat 06/05/23 11:45	141	Operations
143		Transport To Workshop for overhaul	1 hr	Sat 06/05/23 11:45	Sat 06/05/23 13:15	142	CraneLorry,Riggers
144		Strip pump	8 hrs	Sat 06/05/23 13:15	Sun 07/05/23 10:15	143	Fitters
145		Inspect internals for wear	1 hr	Sun 07/05/23 10:15	Sun 07/05/23 11:15	144	Fitters
146		Replace worn out parts	4 hrs	Sun 07/05/23 11:15	Sun 07/05/23 15:45	145	Fitters
147		Assemble pump	12 hrs	Sun 07/05/23 15:45	Mon 08/05/23 17:15	146	Fitters
148		Transport pump back to site	1 hr	Mon 08/05/23 17:15	Tue 09/05/23 07:15	147	CraneLorry,Riggers
149		Rig pump into position	1 hr	Tue 09/05/23 07:15	Tue 09/05/23 08:15	148	A Omphile,K Machenge,L Kelapile,M Basisi,O Manere,M_Crane20T
150		Install discharge pipe bolts	0.5 hrs	Tue 09/05/23 08:15	Tue 09/05/23 08:45	149	A Omphile,K Machenge,L Kelapile,M Basisi,O Manere,M_Crane20T
151		Replace bellows	2 hrs	Tue 09/05/23 08:45	Tue 09/05/23 10:45	150	K Machenge,M Basisi
152		Install and couple motor to pump	1 hr	Tue 09/05/23 10:45	Tue 09/05/23 11:45	151	K Machenge,M Basisi
153		Connect motor	0.5 hrs	Tue 09/05/23 11:45	Tue 09/05/23 12:45	152	K Opelo,T Moalosi
154		Housekeeping	0.5 hrs	Tue 09/05/23 12:45	Tue 09/05/23 13:15	153	K Machenge,M Basisi
155		Clear Permit	0.25 hrs	Tue 09/05/23 13:15	Tue 09/05/23 13:30	154	K Machenge,M Basisi
156	14A2G412B	BASHSP-0013 - PS7 ST1 South Pump - Remove Pump For Cleaning and overhaul	48.75 hrs	Fri 05/05/23 06:30	Tue 09/05/23 13:45		
157		Machine motor coupling (prior)	0 hrs	Fri 05/05/23 06:30	Fri 05/05/23 06:30	135	
158		Issue Permit To Work	0.25 hrs	Fri 05/05/23 18:00	Fri 05/05/23 18:15	157,136	Operations



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159		Accept permit	0.25 hrs	Fri 05/05/23 18:15	Fri 05/05/23 18:30	158	K Fanyane,R Selo
160		Disconnect motor	0.5 hrs	Sat 06/05/23 07:00	Sat 06/05/23 07:30	159	K Opelo,T Moalosi
161		Rig out motor	1 hr	Sat 06/05/23 07:30	Sat 06/05/23 08:30	160	K Machenge,M Basisi,A Omphile,L Kelapile,O Manere,M_Crane20T
162		Remove discharge pipe bolts	1 hr	Sat 06/05/23 08:30	Sat 06/05/23 09:30	161	K Fanyane,R Selo
163		Remove Pump	0.5 hrs	Sat 06/05/23 09:30	Sat 06/05/23 10:00	162	A Omphile,K Machenge,L Kelapile,M Basisi,O Manere,M_Crane20T
164		Clean pump	2 hrs	Sat 06/05/23 10:00	Sat 06/05/23 12:00	163	Operations
165		Transport To Workshop for overhaul	1 hr	Sat 06/05/23 12:30	Sat 06/05/23 13:30	164	CraneLorry,Riggers
166		Strip pump	8 hrs	Sat 06/05/23 13:30	Sun 07/05/23 10:30	165	K Machenge,M Basisi
167		Inspect internals for wear	1 hr	Sun 07/05/23 10:30	Sun 07/05/23 11:30	166	K Machenge,M Basisi
168		Replace worn out parts	4 hrs	Sun 07/05/23 11:30	Sun 07/05/23 16:00	167	K Machenge,M Basisi
169		Assemble pump	12 hrs	Sun 07/05/23 16:00	Mon 08/05/23 17:30	168	K Machenge,M Basisi
170		Transport pump back to site	1 hr	Mon 08/05/23 17:30	Tue 09/05/23 07:30	169	CraneLorry,Riggers
171		Rig pump into position	1 hr	Tue 09/05/23 07:30	Tue 09/05/23 08:30	170	A Omphile,K Machenge,L Kelapile,M Basisi,O Manere,M_Crane20T
172		Install discharge pipe bolts	0.5 hrs	Tue 09/05/23 08:30	Tue 09/05/23 09:00	171	A Omphile,K Machenge,L Kelapile,M Basisi,O Manere,M_Crane20T
173		Replace bellows	2 hrs	Tue 09/05/23 09:00	Tue 09/05/23 11:00	172	K Machenge,M Basisi
174		Install and couple motor to pump	1 hr	Tue 09/05/23 11:00	Tue 09/05/23 12:00	173	K Machenge,M Basisi
175		Connect motor	0.5 hrs	Tue 09/05/23 12:30	Tue 09/05/23 13:00	174	K Opelo,T Moalosi
176		Housekeeping	0.5 hrs	Tue 09/05/23 13:00	Tue 09/05/23 13:30	175	K Machenge,M Basisi
177		Clear Permit	0.25 hrs	Tue 09/05/23 13:30	Tue 09/05/23 13:45	176	K Machenge,M Basisi
178	14A2G413A	BASHSP-0014 - PS7 ST2 North Pump - Remove Pump For Cleaning and inspect	61.75 hrs	Fri 05/05/23 06:30	Wed 10/05/23 16:15		
179		Machine motor coupling (prior)	0 hrs	Fri 05/05/23 06:30	Fri 05/05/23 06:30	157	
180		Issue Permit To Work	0.25 hrs	Fri 05/05/23 18:15	Fri 05/05/23 18:30	179,158	Operations
181		Accept permit	0.25 hrs	Sat 06/05/23 07:00	Sat 06/05/23 07:15	180	K Fanyane,R Selo
182		Carry out risk assessment	0.25 hrs	Sat 06/05/23 07:15	Sat 06/05/23 07:30	181	K Machenge,M Basisi
183		Disconnect motor	0.5 hrs	Sat 06/05/23 07:30	Sat 06/05/23 08:00	182	K Opelo,T Moalosi
184		Uncouple & Remove motor	1 hr	Sat 06/05/23 08:00	Sat 06/05/23 09:00	183	K Machenge,M Basisi
185		Remove discharge pipe bolts	0.5 hrs	Sat 06/05/23 09:00	Sat 06/05/23 09:30	184	K Machenge,M Basisi
186		Remove Pump	0.5 hrs	Sat 06/05/23 09:30	Sat 06/05/23 10:00	185	K Opelo,T Moalosi
187		Clean pump	2 hrs	Sat 06/05/23 10:00	Sat 06/05/23 12:00	186	K Machenge,M Basisi
188		Transport To Workshop for overhaul	1 hr	Sat 06/05/23 12:30	Sat 06/05/23 13:30	187	A Omphile,L Kelapile,O Manere,M_Crane20T
189		Open and inspect pump	6 hrs	Sat 06/05/23 13:30	Sun 07/05/23 08:30	188	K Machenge,M Basisi
190		Overhaul Pump	29 hrs	Sun 07/05/23 08:30	Tue 09/05/23 17:00	189	Operations
191		Transport Back To Plant	1 hr	Tue 09/05/23 17:00	Tue 09/05/23 18:00	190	Operations
192		Install pump	2 hrs	Wed 10/05/23 07:00	Wed 10/05/23 09:00	191	CraneLorry
193		Install discharge pipe bolts	0.5 hrs	Wed 10/05/23 09:00	Wed 10/05/23 09:30	192	K Machenge,M Basisi
194		Replace bellows	4 hrs	Wed 10/05/23 09:30	Wed 10/05/23 14:00	193	K Machenge,M Basisi
195		Install & Couple motor to pump	1 hr	Wed 10/05/23 14:00	Wed 10/05/23 15:00	194	K Machenge,M Basisi
196		Connect motor	0.5 hrs	Wed 10/05/23 15:00	Wed 10/05/23 15:30	195	CraneLorry
197		Housekeeping	0.5 hrs	Wed 10/05/23 15:30	Wed 10/05/23 16:00	196	K Machenge,M Basisi
198		Clear Permit	0.25 hrs	Wed 10/05/23 16:00	Wed 10/05/23 16:15	197	K Machenge,M Basisi
199	14A2G413B	BASHSP-0015 - PS7 ST2 South Pump - Remove Pump For Cleaning and overhaul	49.25 hrs	Fri 05/05/23 06:30	Tue 09/05/23 14:15		
200		Machine motor coupling (prior)	0 hrs	Fri 05/05/23 06:30	Fri 05/05/23 06:30	179	
201		Issue Permit To Work	0.25 hrs	Sat 06/05/23 07:00	Sat 06/05/23 07:15	200,180	Operations
202		Accept permit	0.25 hrs	Sat 06/05/23 07:15	Sat 06/05/23 07:30	201	K Fanyane,R Selo
203		Disconnect motor	0.5 hrs	Sat 06/05/23 07:30	Sat 06/05/23 08:00	202	K Opelo,T Moalosi
204		Rig out motor	1 hr	Sat 06/05/23 08:00	Sat 06/05/23 09:00	203	K Machenge,M Basisi,A Omphile,L Kelapile,O Manere,M_Crane20T
205		Remove discharge pipe bolts	1 hr	Sat 06/05/23 09:00	Sat 06/05/23 10:00	204	K Fanyane,R Selo
206		Remove Pump	0.5 hrs	Sat 06/05/23 10:00	Sat 06/05/23 10:30	205	A Omphile,K Machenge,L Kelapile,M Basisi,O Manere,M_Crane20T
207		Clean pump	2 hrs	Sat 06/05/23 10:30	Sat 06/05/23 13:00	206	Operations
208		Transport To Workshop for overhaul	1 hr	Sat 06/05/23 13:00	Sat 06/05/23 14:00	207	CraneLorry,Riggers
209		Strip pump	8 hrs	Sat 06/05/23 14:00	Sun 07/05/23 11:00	208	K Machenge,M Basisi
210		Inspect internals for wear	1 hr	Sun 07/05/23 11:00	Sun 07/05/23 12:00	209	K Machenge,M Basisi
211		Replace worn out parts	4 hrs	Sun 07/05/23 12:30	Sun 07/05/23 16:30	210	K Machenge,M Basisi



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
212		Assemble pump	12 hrs	Sun 07/05/23 16:30	Mon 08/05/23 18:00	211	K Machenge,M Basisi
213		Transport pump back to site	1 hr	Tue 09/05/23 07:00	Tue 09/05/23 08:00	212	CraneLorry,Riggers
214		Rig pump into position	1 hr	Tue 09/05/23 08:00	Tue 09/05/23 09:00	213	A Omphile,K Machenge,L Kelapile,M Basisi,O Manere,M_Crane20T
215		Install discharge pipe bolts	0.5 hrs	Tue 09/05/23 09:00	Tue 09/05/23 09:30	214	A Omphile,K Machenge,L Kelapile,M Basisi,O Manere,M_Crane20T
216		Replace bellows	2 hrs	Tue 09/05/23 09:30	Tue 09/05/23 11:30	215	K Machenge,M Basisi
217		Install and couple motor to pump	1 hr	Tue 09/05/23 11:30	Tue 09/05/23 13:00	216	K Machenge,M Basisi
218		Connect motor	0.5 hrs	Tue 09/05/23 13:00	Tue 09/05/23 13:30	217	K Opelo,T Moalosi
219		Housekeeping	0.5 hrs	Tue 09/05/23 13:30	Tue 09/05/23 14:00	218	K Machenge,M Basisi
220		Clear Permit	0.25 hrs	Tue 09/05/23 14:00	Tue 09/05/23 14:15	219	K Machenge,M Basisi
221		BASHSP-0016 - PS7 T-Brine Pipe Line - Replace Discharge Manifold Pipes	198 hrs	Wed 03/05/23 07:00	Sun 21/05/23 15:00		
222		Issue Permit To Work	0.25 hrs	Wed 03/05/23 07:00	Wed 03/05/23 07:15	6	Operations
223		Accept permit	0.25 hrs	Wed 03/05/23 07:15	Wed 03/05/23 07:30	222	K Fanyane,R Seloi
224		Accept & Excavation Permit	2 hrs	Wed 03/05/23 07:30	Wed 03/05/23 09:30	223	Fabrimill
225		Carry out risk assessment	0.25 hrs	Wed 03/05/23 09:30	Wed 03/05/23 09:45	224	Fabrimill
226		Carefully excavate parrallel to the existinge pipeline	40 hrs	Wed 03/05/23 09:45	Sat 06/05/23 17:15	225	Fabrimill
227		Install newly proposed HDPE line	168 hrs	Thu 04/05/23 10:45	Sat 20/05/23 09:45	226SS+1 day	Fabrimill
228		Tie in the old to the New line	8 hrs	Fri 19/05/23 17:45	Sat 20/05/23 15:15	227FF+5 hrs	Fabrimill
229		Cold commission	2 hrs	Sat 20/05/23 15:15	Sat 20/05/23 17:15	228	Fabrimill
230		Backfill	8 hrs	Sat 20/05/23 17:15	Sun 21/05/23 14:45	229	Fabrimill
231		Clear Permit	0.25 hrs	Sun 21/05/23 14:45	Sun 21/05/23 15:00	230	Fabrimill
232		BASHSP-0017 - PS7 T brine discharge pipes	62 hrs	Fri 05/05/23 07:00	Wed 10/05/23 16:30		
233		Issue Permit To Work	0.25 hrs	Fri 05/05/23 07:00	Fri 05/05/23 07:15	135SS	Operations
234		Accept permit	0.25 hrs	Fri 05/05/23 07:15	Fri 05/05/23 07:30	233	K Machenge,M Basisi
235		Carry out rist assesment	0.25 hrs	Fri 05/05/23 07:30	Fri 05/05/23 07:45	234	K Machenge,M Basisi
236		Fabricate pipes (prior)	0 hrs	Fri 05/05/23 07:45	Fri 05/05/23 07:45	235	K Machenge,M Basisi
237		Rig out old pipes	8 hrs	Fri 05/05/23 07:45	Fri 05/05/23 16:15	236	K Machenge,M Basisi
238		Rig in new pipes	8 hrs	Tue 09/05/23 09:15	Tue 09/05/23 17:45	253	K Machenge,M Basisi
239		Tighten flanges bolts	8 hrs	Tue 09/05/23 17:45	Wed 10/05/23 15:15	238	K Machenge,M Basisi
240		Housekeeping	1 hr	Wed 10/05/23 15:15	Wed 10/05/23 16:15	239	K Machenge,M Basisi
241		Clear Permit	0.25 hrs	Wed 10/05/23 16:15	Wed 10/05/23 16:30	240	K Machenge,M Basisi
242		BASHSP-0018 - PS7 Pump Structure ST1 - Replace from mild steel to stainless steel	36 hrs	Fri 05/05/23 16:15	Tue 09/05/23 09:15		
243		Issue Permit To Work	0.25 hrs	Fri 05/05/23 16:15	Fri 05/05/23 16:30	237	Operations
244		Accept permit	0.25 hrs	Fri 05/05/23 16:30	Fri 05/05/23 16:45	243	K Fanyane,R Seloi
245		Carry out risk assement	0.25 hrs	Fri 05/05/23 16:45	Fri 05/05/23 17:00	244	R Seloi,K Fanyane
246		Rig out old structure	4 hrs	Fri 05/05/23 17:00	Sat 06/05/23 09:30	245	K Fanyane,R Seloi
247		Prepare structure (prior)	8 hrs	Sat 06/05/23 09:30	Sat 06/05/23 18:00	246	R Seloi,K Fanyane
248		Fabricate handrails (prior)	8 hrs	Sun 07/05/23 07:00	Sun 07/05/23 15:30	247	K Fanyane,R Seloi
249		Rig in new structure	8 hrs	Sun 07/05/23 15:30	Mon 08/05/23 13:00	248	K Fanyane,R Seloi
250		Secure platform	2 hrs	Mon 08/05/23 13:00	Mon 08/05/23 15:00	249	R Seloi,K Fanyane
251		Install new handrails	4 hrs	Mon 08/05/23 15:00	Tue 09/05/23 08:00	250	K Fanyane,R Seloi
252		Housekeeping	1 hr	Tue 09/05/23 08:00	Tue 09/05/23 09:00	251	K Fanyane,R Seloi
253		Clear Permit	0.25 hrs	Tue 09/05/23 09:00	Tue 09/05/23 09:15	252	R Seloi,K Fanyane
254		BASHSP-0019 - PS3 Weir Gate - Replace Gates (4 Off)	64.75 hrs	Wed 03/05/23 06:30	Tue 09/05/23 07:15		
255		Fabricate gates (prior)	0 hrs	Wed 03/05/23 06:30	Wed 03/05/23 06:30	6	K Fanyane,R Seloi
256		Drop pond level prior	0 hrs	Wed 03/05/23 09:00	Wed 03/05/23 09:00	7	Operations
257		Issue Permit To Work	0.25 hrs	Sun 07/05/23 07:00	Sun 07/05/23 07:15	256,247	K Fanyane,R Seloi
258		Accept permit	0.25 hrs	Sun 07/05/23 07:15	Sun 07/05/23 07:30	257	K Fanyane,R Seloi
259		Carry out risk assessment	0.25 hrs	Sun 07/05/23 07:30	Sun 07/05/23 07:45	258	K Fanyane,R Seloi
260		Craneage support	6 hrs	Sun 07/05/23 07:45	Sun 07/05/23 14:15	259	K Fanyane,R Seloi
261		Mark on concrete and chain drill mounting hole	6 hrs	Sun 07/05/23 14:15	Mon 08/05/23 09:15	260	K Fanyane,R Seloi
262		Fix the frame to the wall	6 hrs	Mon 08/05/23 09:15	Mon 08/05/23 15:45	261	K Fanyane,R Seloi
263		Slide in the gate	2 hrs	Mon 08/05/23 15:45	Mon 08/05/23 17:45	262	K Fanyane,R Seloi
264		Inspect gate functionality	0.25 hrs	Mon 08/05/23 17:45	Mon 08/05/23 18:00	263	K Fanyane,R Seloi



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
265		Clear Permit	0.25 hrs	Tue 09/05/23 07:00	Tue 09/05/23 07:15	264	K Fanyane,R Selo
266		BASHSP-0020 - PS1 Weir Gate - Replace Skirting Rubber (8 Off)	121.75 hrs	Wed 03/05/23 06:30	Sun 14/05/23 11:45		
267		Fabricate SS gates prior	0 hrs	Wed 03/05/23 06:30	Wed 03/05/23 06:30	255SS	Fab. Workshop
268		Drop pond level prior	0 hrs	Sat 06/05/23 06:30	Sat 06/05/23 06:30	267,256SS,1	Operations
269		Issue Permit To Work	0.25 hrs	Sun 07/05/23 07:15	Sun 07/05/23 07:30	268,257	Operations
270		Accept permit	0.25 hrs	Sun 07/05/23 07:30	Sun 07/05/23 07:45	269	K Machenge,M Basi
271		Carry out risk assessment	0.25 hrs	Sun 07/05/23 07:45	Sun 07/05/23 08:00	270	K Machenge,M Basi
272		Prepare area for access (Fill up with oversize & drain)	11.5 hrs	Sun 07/05/23 08:00	Mon 08/05/23 09:00	271	Operations
273		Remove structure for sandblasting, repairs and painting	36 hrs	Mon 08/05/23 09:00	Thu 11/05/23 14:00	272	Riggers,Fitters,Boilermakers,M_Crane20T
274		Install structure	12 hrs	Thu 11/05/23 14:00	Fri 12/05/23 15:30	273	Riggers,Fitters,M_Crane20T
275		Replace skirting	0.5 hrs	Fri 12/05/23 15:30	Fri 12/05/23 16:00	274	K Machenge,M Basi
276		Replace if necessary	6 hrs	Fri 12/05/23 16:00	Sat 13/05/23 11:00	275	K Machenge,M Basi
277		Inspect slings and winch	4 hrs	Sat 13/05/23 11:00	Sat 13/05/23 15:30	276	A Omphile,L Kelapile,O Manere
278		Inspect hinges and repair	6 hrs	Sat 13/05/23 15:30	Sun 14/05/23 10:30	277	A Omphile,L Kelapile,O Manere
279		Remove filled up material and wash away residue	1 hr	Sun 14/05/23 10:30	Sun 14/05/23 11:30	278	A Omphile,L Kelapile,O Manere
280		Clear Permit	0.25 hrs	Sun 14/05/23 11:30	Sun 14/05/23 11:45	279	K Machenge,M Basi
281		CONTRACTOR WORKS	49.25 hrs	Tue 09/05/23 13:30	Sun 14/05/23 09:45		
282		BASHSP-0021 - PS7 T-BRINE LINE - Tie-in replacement pipeline	49.25 hrs	Tue 09/05/23 13:30	Sun 14/05/23 09:45		
283		Issue Permit To Work	0.25 hrs	Tue 09/05/23 13:30	Tue 09/05/23 13:45	218	Operations
284		Accept permit	0.25 hrs	Tue 09/05/23 13:45	Tue 09/05/23 14:00	283	Modiredi
285		Risk assessment	0.25 hrs	Tue 09/05/23 14:00	Tue 09/05/23 14:15	284	Modiredi,MetCheck
286		Tie-in cooling water pipe	48 hrs	Tue 09/05/23 14:15	Sun 14/05/23 09:15	285	MetCheck
287		Carry out housekeeping	0.25 hrs	Sun 14/05/23 09:15	Sun 14/05/23 09:30	286	MetCheck
288		Clear Permit	0.25 hrs	Sun 14/05/23 09:30	Sun 14/05/23 09:45	287	Operations,Modiredi
289	26A2	SALT WASHING	201 hrs	Wed 03/05/23 06:30	Sun 21/05/23 18:00		
290		OPERATIONS	20 hrs	Wed 03/05/23 07:00	Thu 04/05/23 16:30		
291		BASHSP-0022 - Plant stoppage	8 hrs	Wed 03/05/23 07:00	Wed 03/05/23 15:30		
292		Stop feed & park reclaimr on the west bay	0 hrs	Wed 03/05/23 07:00	Wed 03/05/23 07:00	7SS	Operations,O Manere
293		Run plant empty	8 hrs	Wed 03/05/23 07:00	Wed 03/05/23 15:30	292	Operations
294		BASHSP-0023 - Cleaning	18 hrs	Wed 03/05/23 09:00	Thu 04/05/23 16:30		
295		Clean system	8 hrs	Wed 03/05/23 09:00	Wed 03/05/23 17:30	9SS	Operations
296		Clean screen tank	2 hrs	Wed 03/05/23 17:30	Thu 04/05/23 08:00	295	Operations
297		General Cleaning	8 hrs	Thu 04/05/23 08:00	Thu 04/05/23 16:30	296	Operations
298		MECHANICAL	201 hrs	Wed 03/05/23 06:30	Sun 21/05/23 18:00		
299	26A2RN01	BASHSP-0024 - Road Hopper 1 - Repair Grizzly screen panels	31 hrs	Thu 11/05/23 06:30	Sat 13/05/23 17:30		
300		Fabricate replacement Grizzly screen panels prior	0 hrs	Thu 11/05/23 06:30	Thu 11/05/23 06:30	297	K Fanyane,R Selo
301		Run hopper empty prior	0 hrs	Thu 11/05/23 06:30	Thu 11/05/23 06:30	300	Operations
302		Site preparation for cranage prior	0 hrs	Thu 11/05/23 06:30	Thu 11/05/23 06:30	301	Montsho
303		Clean hopper	4 hrs	Thu 11/05/23 07:00	Thu 11/05/23 11:00	302	Operations
304		Make Out Permit	0.25 hrs	Thu 11/05/23 11:00	Thu 11/05/23 11:15	303	Operations,A Omphile,L Kelapile,O Manere
305		Accept Permit	0.25 hrs	Thu 11/05/23 11:15	Thu 11/05/23 11:30	304	A Omphile,L Kelapile,O Manere
306		Carry out risk assessment	0.25 hrs	Thu 11/05/23 11:30	Thu 11/05/23 11:45	305	A Omphile,L Kelapile,O Manere
307		Rig out the Grizzly screen panels	3 hrs	Thu 11/05/23 11:45	Thu 11/05/23 15:15	306	A Omphile,L Kelapile,O Manere
308		Clean build-up in the screen housing	4 hrs	Thu 11/05/23 15:15	Fri 12/05/23 08:15	307	Operations
309		Erect Scaffolding	4 hrs	Fri 12/05/23 08:15	Fri 12/05/23 12:45	308	RSC
310		Carry out general inspections of the hopper	0.5 hrs	Fri 12/05/23 12:45	Fri 12/05/23 13:15	309	D Zambo,P Chite
311		Inspect Lining	0.5 hrs	Fri 12/05/23 13:15	Fri 12/05/23 13:45	310	O Thokweng,K Fanyane,R Selo,K Bontsibokae
312		Possible repairs	10 hrs	Fri 12/05/23 13:45	Sat 13/05/23 13:15	311	K Fanyane,R Selo
313		Dismantle Scaffolding	1 hr	Sat 13/05/23 13:15	Sat 13/05/23 14:15	312	RSC
314		Rig in replacement Grizzly screen panels	3 hrs	Sat 13/05/23 14:15	Sat 13/05/23 17:15	313	A Omphile,L Kelapile,O Manere
315		Clear Permit	0.25 hrs	Sat 13/05/23 17:15	Sat 13/05/23 17:30	314	O Thokweng,K Fanyane,R Selo,K Bontsibokae
316	26A2RN02	BASHSP-0025 - Road Hopper 2 - Repair Grizzly screen panels	29 hrs	Thu 11/05/23 06:30	Sat 13/05/23 15:30		
317		Fabricate replacement Grizzly screen panels prior	0 hrs	Thu 11/05/23 06:30	Thu 11/05/23 06:30	300SS	Fab. Workshop



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
318		Run hopper empty prior	0 hrs	Thu 11/05/23 06:30	Thu 11/05/23 06:30	317	Operations
319		Site preparation for crane prior	0 hrs	Thu 11/05/23 06:30	Thu 11/05/23 06:30	318	Montsho
320		Clean hopper	4 hrs	Thu 11/05/23 07:00	Thu 11/05/23 11:00	319	Operations
321		Make Out Permit	0.25 hrs	Thu 11/05/23 11:00	Thu 11/05/23 11:15	320	Operations,A Omphile,L Kelapile,O Manere
322		Accept Permit	0.25 hrs	Thu 11/05/23 11:15	Thu 11/05/23 11:30	321	A Omphile,L Kelapile,O Manere
323		Carry out risk assessment	0.25 hrs	Thu 11/05/23 11:30	Thu 11/05/23 11:45	322	A Omphile,L Kelapile,O Manere
324		Rig out the Grizzly screen panels	2 hrs	Thu 11/05/23 11:45	Thu 11/05/23 14:15	323	A Omphile,L Kelapile,O Manere
325		Clean build-up in the screen housing	4 hrs	Thu 11/05/23 14:15	Fri 12/05/23 07:15	324	Operations
326		Erect Scaffolding	4 hrs	Fri 12/05/23 07:15	Fri 12/05/23 11:15	325	RSC
327		Carry out general inspections of the hopper	0.5 hrs	Fri 12/05/23 11:15	Fri 12/05/23 11:45	326	D Zambo,P Chite
328		Inspect Lining	0.5 hrs	Fri 12/05/23 11:45	Fri 12/05/23 12:45	327	O Thokweng,K Fanyane,R Seloj,K Bontsibokae
329		Possible repairs	10 hrs	Fri 12/05/23 12:45	Sat 13/05/23 11:45	328	K Fanyane,R Seloj
330		Dismantle Scaffolding	1 hr	Sat 13/05/23 11:45	Sat 13/05/23 13:15	329	RSC
331		Rig in replacement Grizzly screen panels	2 hrs	Sat 13/05/23 13:15	Sat 13/05/23 15:15	330	A Omphile,L Kelapile,O Manere
332		Clear Permit	0.25 hrs	Sat 13/05/23 15:15	Sat 13/05/23 15:30	331	O Thokweng,K Fanyane,R Seloj,K Bontsibokae
333	26A2RF01	BASHSP-0026 - Road Hopper Screws - Repair screw and carry out inspection (East)	53 hrs	Thu 11/05/23 07:00	Tue 16/05/23 07:30		
334		Make Out Permit	0.25 hrs	Thu 11/05/23 07:00	Thu 11/05/23 07:15	317SS	Operations
335		Accept Permit	0.25 hrs	Thu 11/05/23 07:15	Thu 11/05/23 07:30	334	Operations,A Omphile,L Kelapile,O Manere
336		Carry out risk assessment	0.25 hrs	Thu 11/05/23 07:30	Thu 11/05/23 07:45	335	A Omphile,L Kelapile,O Manere
337		Uncouple drive	2 hrs	Thu 11/05/23 07:45	Thu 11/05/23 09:45	336	A Omphile,L Kelapile,O Manere
338		Remove bearings	4 hrs	Thu 11/05/23 09:45	Thu 11/05/23 14:15	337	A Omphile,L Kelapile,O Manere
339		Remove side covers	1 hr	Thu 11/05/23 14:15	Thu 11/05/23 15:15	338	Operations
340		Remove screw	16 hrs	Thu 11/05/23 15:15	Sat 13/05/23 09:45	339	RSC
341		Repair flights on the screw	8 hrs	Sat 13/05/23 09:45	Sun 14/05/23 07:15	340	K Fanyane,R Seloj
342		Install screw	8 hrs	Sun 14/05/23 07:15	Sun 14/05/23 15:45	341	O Thokweng,K Fanyane,R Seloj,K Bontsibokae
343		Install side covers	4 hrs	Sun 14/05/23 15:45	Mon 15/05/23 08:45	342	RSC
344		Install new bearings	4 hrs	Mon 15/05/23 08:45	Mon 15/05/23 13:15	343	A Omphile,L Kelapile,O Manere
345		Repack Screw	1 hr	Mon 15/05/23 13:15	Mon 15/05/23 14:15	344	O Thokweng,K Bontsibokae
346		Box up Covers	1 hr	Mon 15/05/23 14:15	Mon 15/05/23 15:15	345	O Thokweng,K Bontsibokae
347		Inspect Gearbox, Drain, Flush& Refill Etc.	2 hrs	Mon 15/05/23 15:15	Mon 15/05/23 17:15	346	A Omphile,L Kelapile,O Manere,O Thokweng,K Bontsibokae
348		Housekeeping	1 hr	Mon 15/05/23 17:15	Tue 16/05/23 07:15	347	A Omphile,L Kelapile,O Manere,O Thokweng,K Bontsibokae
349		Clear Permit	0.25 hrs	Tue 16/05/23 07:15	Tue 16/05/23 07:30	348	A Omphile,L Kelapile,O Manere,O Thokweng,K Bontsibokae
350	26A2RF02	BASHSP-0027 - Road Hopper Screws - Replace Screw (West)	45 hrs	Thu 11/05/23 07:00	Mon 15/05/23 10:00		
351		Fabricate replacement screw prior	0 hrs	Thu 11/05/23 07:00	Thu 11/05/23 07:00	334SS	K Fanyane,R Seloj
352		Make Out Permit	0.25 hrs	Thu 11/05/23 07:00	Thu 11/05/23 07:15	351	Operations
353		Accept Permit	0.25 hrs	Thu 11/05/23 07:15	Thu 11/05/23 07:30	352	Operations,A Omphile,L Kelapile,O Manere
354		Carry out risk assessment	0.25 hrs	Thu 11/05/23 07:30	Thu 11/05/23 07:45	353	A Omphile,L Kelapile,O Manere
355		Uncouple drive	2 hrs	Thu 11/05/23 07:45	Thu 11/05/23 09:45	354	A Omphile,L Kelapile,O Manere
356		Remove bearings	4 hrs	Thu 11/05/23 09:45	Thu 11/05/23 14:15	355	A Omphile,L Kelapile,O Manere
357		Remove side covers	1 hr	Thu 11/05/23 14:15	Thu 11/05/23 15:15	356	Operations
358		Remove screw	16 hrs	Thu 11/05/23 15:15	Sat 13/05/23 09:45	357	RSC
359		Install screw	8 hrs	Sat 13/05/23 09:45	Sun 14/05/23 07:15	358	O Thokweng,K Fanyane,R Seloj,K Bontsibokae
360		Install side covers	4 hrs	Sun 14/05/23 07:15	Sun 14/05/23 11:15	359	RSC
361		Install new bearings	4 hrs	Sun 14/05/23 11:15	Sun 14/05/23 15:45	360	A Omphile,L Kelapile,O Manere
362		Repack Screw	1 hr	Sun 14/05/23 15:45	Sun 14/05/23 16:45	361	O Thokweng,K Bontsibokae
363		Box up Covers	1 hr	Sun 14/05/23 16:45	Sun 14/05/23 17:45	362	O Thokweng,K Bontsibokae
364		Inspect Gearbox, Drain, Flush& Refill Etc.	2 hrs	Sun 14/05/23 17:45	Mon 15/05/23 08:45	363	A Omphile,L Kelapile,O Manere,O Thokweng,K Bontsibokae
365		Housekeeping	1 hr	Mon 15/05/23 08:45	Mon 15/05/23 09:45	364	A Omphile,L Kelapile,O Manere,O Thokweng,K Bontsibokae
366		Clear Permit	0.25 hrs	Mon 15/05/23 09:45	Mon 15/05/23 10:00	365	A Omphile,L Kelapile,O Manere,O Thokweng,K Bontsibokae
367	26A2RF02	BASHSP-0028 - Road Hopper sump pump - Replace discharge line	102.5 hrs	Wed 03/05/23 06:30	Fri 12/05/23 14:00		
368		Fabricate pipes (prior)	0 hrs	Wed 03/05/23 06:30	Wed 03/05/23 06:30	379	K Fanyane,R Seloj
369		Erect scaffold	0 hrs	Wed 03/05/23 06:30	Wed 03/05/23 06:30	368	A Omphile,L Kelapile,O Manere
370		Make Out Permit	0.25 hrs	Thu 11/05/23 07:00	Thu 11/05/23 07:15	351SS,369	Operations



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
371		Accept Permit	0.25 hrs	Thu 11/05/23 07:15	Thu 11/05/23 07:30	370	Operations,A Omphile,L Kelapile,O Manere
372		Carry out risk assessment	0.25 hrs	Thu 11/05/23 07:30	Thu 11/05/23 07:45	371	A Omphile,L Kelapile,O Manere,O Thokweng,K Bontsibokae
373		Remove old pipes	6 hrs	Thu 11/05/23 07:45	Thu 11/05/23 14:15	372	A Omphile,L Kelapile,O Manere,O Thokweng,K Bontsibokae
374		Install new pipes	6 hrs	Thu 11/05/23 14:15	Fri 12/05/23 09:15	373	A Omphile,L Kelapile,O Manere,O Thokweng,K Bontsibokae
375		Tighten flange bolts	4 hrs	Fri 12/05/23 09:15	Fri 12/05/23 13:45	374	K Bontsibokae
376		Dismantle scaffold	0 hrs	Fri 12/05/23 13:45	Fri 12/05/23 13:45	375	A Omphile,L Kelapile,O Manere
377		Clear permit	0.25 hrs	Fri 12/05/23 13:45	Fri 12/05/23 14:00	376	K Bontsibokae,O Thokweng
378		BASHSP-0029 - Road Hopper Sump Pipes - Install Road Hopper sump drain pipes	35 hrs	Wed 03/05/23 06:30	Sat 06/05/23 09:00		
379		Transport pipes to site (prior)	0 hrs	Wed 03/05/23 06:30	Wed 03/05/23 06:30	6	K Fanyane,K Bontsibokae,O Manere,R Selo,A Omphile
380		Erect scaffold (prior)	0 hrs	Wed 03/05/23 06:30	Wed 03/05/23 06:30	379	A Omphile,K Bontsibokae,O Manere
381		Issue Permit To Work	0.25 hrs	Wed 03/05/23 07:00	Wed 03/05/23 07:15	368SS,380	
382		Accept permit	0.25 hrs	Wed 03/05/23 07:15	Wed 03/05/23 07:30	381	K Fanyane,R Selo
383		Carry out risk assessment	0.25 hrs	Wed 03/05/23 07:30	Wed 03/05/23 07:45	382	All
384		Cut out old pipes	6 hrs	Wed 03/05/23 07:45	Wed 03/05/23 14:15	383	K Fanyane,R Selo
385		Rig out old pipes	4 hrs	Wed 03/05/23 14:15	Wed 03/05/23 18:15	384	A Omphile,K Bontsibokae,O Manere
386		Rig in new pipes	4 hrs	Wed 03/05/23 18:15	Thu 04/05/23 10:45	385	A Omphile,K Bontsibokae,O Manere
387		Position/align & bolt up pipes	12 hrs	Thu 04/05/23 10:45	Fri 05/05/23 11:45	386	K Fanyane,R Selo,Fitter
388		Secure pipes on the rack	4 hrs	Fri 05/05/23 11:45	Fri 05/05/23 16:15	387	K Fanyane,R Selo
389		Test for leaks	1 hr	Fri 05/05/23 16:15	Fri 05/05/23 17:15	388	Fitter
390		Quality check	1 hr	Fri 05/05/23 17:15	Fri 05/05/23 18:15	389	Foreman
391		Housekeeping	2 hrs	Fri 05/05/23 18:15	Sat 06/05/23 08:45	390	All
392		Clear permit	0.25 hrs	Sat 06/05/23 08:45	Sat 06/05/23 09:00	391	Operations
393	26A2RE01	BASHSP-0030 - Discharge Belt Conveyor - Carry Out Inspection	26.25 hrs	Fri 05/05/23 06:30	Sun 07/05/23 11:45		
394		Clean Out Discharge Conveyor	0 hrs	Fri 05/05/23 06:30	Fri 05/05/23 06:30	380	Operations
395		Make Out Permit	0.25 hrs	Fri 05/05/23 07:00	Fri 05/05/23 07:15	394,297	Operations,A Omphile,L Kelapile,O Manere
396		Accept Permit	0.25 hrs	Fri 05/05/23 07:15	Fri 05/05/23 07:30	395	A Omphile,L Kelapile,O Manere
397		Carry out risk assessment	0.25 hrs	Fri 05/05/23 07:30	Fri 05/05/23 07:45	396	A Omphile,L Kelapile,O Manere
398		Inspect Bearing housing (Plummer blocks)	0.25 hrs	Fri 05/05/23 07:45	Fri 05/05/23 08:00	397	A Omphile,L Kelapile,O Manere
399		Replace Bearings	6.5 hrs	Fri 05/05/23 08:00	Fri 05/05/23 15:00	398	Operations
400		Inspect Pulleys	1 hr	Fri 05/05/23 15:00	Fri 05/05/23 16:00	399	RSC
401		Replace Seized Idlers	2 hrs	Fri 05/05/23 16:00	Fri 05/05/23 18:00	400	O Thokweng,K Fanyane,R Selo,K Bontsibokae
402		Remove Guards, Uncouple V-Belts	1 hr	Fri 05/05/23 18:00	Sat 06/05/23 07:30	401	RSC
403		Inspect Scraper And If Any Defect Replace	4 hrs	Sat 06/05/23 07:30	Sat 06/05/23 11:30	402	A Omphile,L Kelapile,O Manere
404		Drain, Flush And Change Oil	2 hrs	Sat 06/05/23 11:30	Sat 06/05/23 14:00	403	O Thokweng,K Fanyane,R Selo,K Bontsibokae
405		Test Run	4 hrs	Sun 07/05/23 07:30	Sun 07/05/23 11:30	404,1360	Operations,O Thokweng,K Bontsibokae
406		Clear Permit	0.25 hrs	Sun 07/05/23 11:30	Sun 07/05/23 11:45	405	Operations,O Thokweng,K Bontsibokae
407	26A2RE02	BASHSP-0031 - Yard Feed Conveyor - Carry Out Inspection	18 hrs	Fri 05/05/23 07:00	Sat 06/05/23 14:30		
408		Make Out Permit	0.25 hrs	Fri 05/05/23 07:00	Fri 05/05/23 07:15	395SS	Operations
409		Accept Permit	0.25 hrs	Fri 05/05/23 07:15	Fri 05/05/23 07:30	408	Operations,A Omphile,L Kelapile,O Manere
410		Carry out risk assessment	0.25 hrs	Fri 05/05/23 07:30	Fri 05/05/23 07:45	409	A Omphile,L Kelapile,O Manere
411		Lift Counter Weight	1 hr	Fri 05/05/23 07:45	Fri 05/05/23 08:45	410	A Omphile,L Kelapile,O Manere
412		Replace Seized Idlers & secure loose idler frames	2 hrs	Fri 05/05/23 08:45	Fri 05/05/23 10:45	411	A Omphile,L Kelapile,O Manere
413		Inspect Pulley Laggings And Replace Bearings	6.5 hrs	Fri 05/05/23 10:45	Fri 05/05/23 17:45	412	Operations
414		Inspect And Replace Scraper	1 hr	Fri 05/05/23 17:45	Sat 06/05/23 07:15	413	RSC
415		Drain Oil, Flush Oil And Refill	1 hr	Sat 06/05/23 07:15	Sat 06/05/23 08:15	414	O Thokweng,K Fanyane,R Selo,K Bontsibokae
416		Replace Skirting	1.5 hrs	Sat 06/05/23 08:15	Sat 06/05/23 09:45	415	RSC
417		Replace V-Belts	1 hr	Sat 06/05/23 09:45	Sat 06/05/23 10:45	416	O Thokweng,K Bontsibokae
418		Drop Counter Weight	1 hr	Sat 06/05/23 10:45	Sat 06/05/23 11:45	417	M_Crane35T,O Thokweng,A Omphile,L Kelapile,O Manere,K Bontsibokae
419		Test Run Conveyor & Track	2 hrs	Sat 06/05/23 11:45	Sat 06/05/23 14:15	418	O Thokweng,K Bontsibokae
420		Clear Permit	0.25 hrs	Sat 06/05/23 14:15	Sat 06/05/23 14:30	419	O Thokweng,K Fanyane,R Selo,K Bontsibokae
421	26A2RE02	BASHSP-0032 - Yard Feed Conveyor - Inspect Rope and Shieves	7 hrs	Sun 14/05/23 07:00	Sun 14/05/23 14:30		
422		Make Out Permit	0.25 hrs	Sun 14/05/23 07:00	Sun 14/05/23 07:15	406	Operations
423		Accept Permit	0.25 hrs	Sun 14/05/23 07:15	Sun 14/05/23 07:30	422	A Omphile,L Kelapile,O Manere



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
424		Carry out risk assessment	0.25 hrs	Sun 14/05/23 07:30	Sun 14/05/23 07:45	423	A Omphile,L Kelapile,O Manere
425		Remove Rope & Inspect	2 hrs	Sun 14/05/23 07:45	Sun 14/05/23 09:45	424	A Omphile,L Kelapile,O Manere
426		Inspect Shieves Bearings & Tripper Car/Tensioning Boggie	4 hrs	Sun 14/05/23 09:45	Sun 14/05/23 14:15	425	A Omphile,L Kelapile,O Manere
427		Clear Permit	0.25 hrs	Sun 14/05/23 14:15	Sun 14/05/23 14:30	426	A Omphile,L Kelapile,O Manere
428	26A2RX01	BASHSP-0033 - Single Boom Stacker - Rigging inspections	38.5 hrs	Sun 14/05/23 07:00	Wed 17/05/23 14:30		
429		Make Out Permit	0.25 hrs	Sun 14/05/23 07:00	Sun 14/05/23 07:15	422SS	Operations
430		Accept Permit	0.25 hrs	Sun 14/05/23 07:15	Sun 14/05/23 07:30	429	A Omphile,L Kelapile,O Manere
431		Carry out risk assessment	0.25 hrs	Sun 14/05/23 07:30	Sun 14/05/23 07:45	430	A Omphile,L Kelapile,O Manere
432		Lower Boom After Securing Counterweight	2 hrs	Sun 14/05/23 07:45	Sun 14/05/23 09:45	431	A Omphile,L Kelapile,O Manere
433		Wash & Clean Boom	2 hrs	Sun 14/05/23 09:45	Sun 14/05/23 11:45	432	Operations
434		Open, Inspect And Service Winch And Rope	6 hrs	Sun 14/05/23 11:45	Mon 15/05/23 07:15	433	A Omphile,L Kelapile,O Manere
435		Inspect Sheave Wheel Bearings And Service	3 hrs	Mon 15/05/23 07:15	Mon 15/05/23 10:15	434	A Omphile,L Kelapile,O Manere
436		Align Stacker Boogie Drives To The Rail	12 hrs	Mon 15/05/23 10:15	Tue 16/05/23 11:45	435	A Omphile,L Kelapile,O Manere,K Fanyane,R Selo,O Thokweng,K Bontsib
437		Replace Bellville Washers	12 hrs	Tue 16/05/23 11:45	Wed 17/05/23 13:45	436	A Omphile,L Kelapile,O Manere,K Fanyane,R Selo,O Thokweng,K Bontsib
438		Lift Boom	0.5 hrs	Wed 17/05/23 13:45	Wed 17/05/23 14:15	437	A Omphile,L Kelapile,O Manere
439		Clear Permit	0.25 hrs	Wed 17/05/23 14:15	Wed 17/05/23 14:30	438	A Omphile,L Kelapile,O Manere
440	26A2RX01	BASHSP-0034 - Single Boom Stacker -Fitting inspections	40.75 hrs	Wed 03/05/23 17:30	Sun 07/05/23 14:45		
441		Make Out Permit	0.25 hrs	Wed 03/05/23 17:30	Wed 03/05/23 17:45	295	Operations
442		Accept Permit	0.25 hrs	Wed 03/05/23 17:45	Wed 03/05/23 18:00	441	O Thokweng,K Bontsibokae
443		Carry out risk assessment	0.25 hrs	Wed 03/05/23 18:00	Wed 03/05/23 18:15	442	O Thokweng,K Bontsibokae
444		Inspect Pulley Lagging And Repair If Necessary	1.5 hrs	Wed 03/05/23 18:15	Thu 04/05/23 08:15	443	O Thokweng,K Bontsibokae
445		Inspect Boom Conveyor	0.25 hrs	Thu 04/05/23 08:15	Thu 04/05/23 08:30	444	O Thokweng,K Bontsibokae
446		Open & Inspect H/E And T/E Bearings (Replace Where Necessary)	6 hrs	Thu 04/05/23 08:30	Thu 04/05/23 15:00	445	O Thokweng,K Bontsibokae
447		Replace Skirting Rubber	1 hr	Thu 04/05/23 15:00	Thu 04/05/23 16:00	446	O Thokweng,K Bontsibokae
448		Inspect T/E Tensioner & Repair If Necessary	3 hrs	Thu 04/05/23 16:00	Fri 05/05/23 07:30	447	O Thokweng,K Bontsibokae
449		Replace Idlers	2 hrs	Fri 05/05/23 07:30	Fri 05/05/23 09:30	448	O Thokweng,K Bontsibokae
450		Change Oil	2 hrs	Fri 05/05/23 09:30	Fri 05/05/23 11:30	449	O Thokweng,K Bontsibokae
451		Inspect Boggie Sheave Wheel Bearings (12 Off)	24 hrs	Fri 05/05/23 11:30	Sun 07/05/23 14:30	450	O Thokweng,K Bontsibokae
452		Clear Permit	0.25 hrs	Sun 07/05/23 14:30	Sun 07/05/23 14:45	451	O Thokweng,K Bontsibokae
453	26A2RM01	BASHSP-0035 - Side Arm Scraper Reclaimer - Carry Out Inspection	179 hrs	Wed 03/05/23 06:30	Fri 19/05/23 17:00		
454		Site preparation for cranage prior	0 hrs	Wed 03/05/23 06:30	Wed 03/05/23 06:30	6	Operations
455		Overhaul Tail End Station Pulley	0 hrs	Wed 03/05/23 06:30	Wed 03/05/23 06:30	454	O Thokweng,K Bontsibokae
456		Park Reclaimer On The Flat Surface	0 hrs	Wed 03/05/23 06:30	Wed 03/05/23 06:30	455	Operations
457		Drop Boom	0.5 hrs	Wed 03/05/23 17:30	Wed 03/05/23 18:00	456,295	Operations
458		Wash Out and Clean The Boom	6.5 hrs	Wed 03/05/23 18:00	Thu 04/05/23 13:30	457	Operations
459		Make Out Permit	0.25 hrs	Thu 04/05/23 13:30	Thu 04/05/23 13:45	458	Operations
460		Accept Permit	0.25 hrs	Thu 04/05/23 13:45	Thu 04/05/23 14:00	459	A Omphile,L Kelapile,O Manere,O Thokweng,K Bontsibokae
461		Carry out risk assessment	0.25 hrs	Thu 04/05/23 14:00	Thu 04/05/23 14:15	460	A Omphile,L Kelapile,O Manere,O Thokweng,K Bontsibokae
462		Open, Inspect And Service Winch And Rope	8 hrs	Thu 04/05/23 14:15	Fri 05/05/23 10:45	461	A Omphile,L Kelapile,O Manere,M_Crane50T
463		Inspect Reeling Drum Gearbox	12 hrs	Fri 05/05/23 10:45	Sat 06/05/23 11:45	462	A Omphile,L Kelapile,O Manere
464		Jack Reclaimer up	2 hrs	Sat 06/05/23 11:45	Sat 06/05/23 14:15	463	A Omphile,L Kelapile,O Manere,M_Crane50T,Stands
465		Remove boggie wheels	6 hrs	Sat 06/05/23 14:15	Sun 07/05/23 09:15	464	O Thokweng,K Bontsibokae
466		Transport to workshop	0.5 hrs	Sun 07/05/23 09:15	Sun 07/05/23 09:45	465	CraneLorry
467		Overhaul	12 hrs	Sun 07/05/23 09:45	Mon 08/05/23 11:15	466	Salt_Workshop1
468		Transport boggie wheels to plant	0.5 hrs	Mon 08/05/23 11:15	Mon 08/05/23 11:45	467	A Omphile,L Kelapile,O Manere
469		Install boggie wheels	8 hrs	Mon 08/05/23 11:45	Tue 09/05/23 09:15	468	O Thokweng,K Bontsibokae
470		Inspect rail for correct alignment	1 hr	Tue 09/05/23 09:15	Tue 09/05/23 10:15	469	Civils 2
471		Possible alignment	10 hrs	Tue 09/05/23 10:15	Wed 10/05/23 09:45	470	Civils 2
472		Align boggie wheels to the rail	12 hrs	Wed 10/05/23 09:45	Thu 11/05/23 11:15	471	O Thokweng,K Fanyane,R Selo,K Bontsibokae
473		Inspect Fluid Drive Coupling	8 hrs	Thu 11/05/23 11:15	Fri 12/05/23 08:45	472	O Thokweng,K Bontsibokae
474		Slacken The Chain	2 hrs	Fri 12/05/23 08:45	Fri 12/05/23 10:45	473	O Thokweng,K Bontsibokae
475		Remove Non Drive Pulley (Tail End Station) & Transport To W/Shop	6 hrs	Fri 12/05/23 10:45	Fri 12/05/23 17:15	474	A Omphile,L Kelapile,O Manere,O Thokweng,K Bontsibokae
476		Overhaul Nd Pulley	12 hrs	Fri 12/05/23 17:15	Sun 14/05/23 07:45	475	O Thokweng,K Bontsibokae



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
477		Install Overhauled Non Drive Pulley	4 hrs	Sun 14/05/23 07:45	Sun 14/05/23 11:45	476	A Omphile,L Kelapile,O Manere,O Thokweng,K Bontsibokae
478		Pull The Chain and Secure in place	2 hrs	Sun 14/05/23 11:45	Sun 14/05/23 14:15	477	O Thokweng,K Bontsibokae
479		Inspect Sheave Bearings	2 hrs	Sun 14/05/23 14:15	Sun 14/05/23 16:15	478	O Thokweng,K Bontsibokae
480		Inspect scrapper rail	2 hrs	Sun 14/05/23 16:15	Mon 15/05/23 07:15	479	O Thokweng,K Fanyane,R Seloi,K Bontsibokae
481		Replace worn out scrapper rails	10 hrs	Mon 15/05/23 07:15	Mon 15/05/23 17:45	480	O Thokweng,K Fanyane,R Seloi,K Bontsibokae
482		Inspect scrapppers	2 hrs	Mon 15/05/23 17:45	Tue 16/05/23 08:45	481	O Thokweng,K Bontsibokae
483		Replace bent or worn out scrapppers	20 hrs	Tue 16/05/23 08:45	Thu 18/05/23 07:45	482	O Thokweng,K Fanyane,R Seloi,K Bontsibokae
484		Inspect Boggie Bearings and Regrease	12 hrs	Thu 18/05/23 07:45	Fri 19/05/23 09:15	483	O Thokweng,K Bontsibokae
485		Drain Oil And Inspect Gearbox And Flush Then Refill Oil	4 hrs	Fri 19/05/23 09:15	Fri 19/05/23 13:45	484	O Thokweng,K Bontsibokae
486		Replace Oil On Fluid Drive	2 hrs	Fri 19/05/23 13:45	Fri 19/05/23 15:45	485	O Thokweng,K Bontsibokae
487		Inspect and Lubricate Rope	1 hr	Fri 19/05/23 15:45	Fri 19/05/23 16:45	486	A Omphile,L Kelapile,O Manere
488		Clear Permit	0.25 hrs	Fri 19/05/23 16:45	Fri 19/05/23 17:00	487	O Thokweng,K Fanyane,R Seloi,K Bontsibokae
489	26A2RE03	BASHSP-0036 - Wash Feed Conveyor - Carry out general inspections	71.25 hrs	Wed 03/05/23 06:30	Tue 09/05/23 14:15		
490		Identify and mark defective rollers and idlers prior	0 hrs	Wed 03/05/23 06:30	Wed 03/05/23 06:30	6	O Thokweng,K Bontsibokae
491		Clean conveyor structure prior	0 hrs	Wed 03/05/23 06:30	Wed 03/05/23 06:30	490	Operations
492		Make Out Permit	0 hrs	Thu 04/05/23 13:30	Thu 04/05/23 13:30	459SS	Operations
493		Accept Permit	0.25 hrs	Thu 04/05/23 13:30	Thu 04/05/23 13:45	492	O Thokweng,K Bontsibokae
494		Carry out risk assessment	0.25 hrs	Thu 04/05/23 13:45	Thu 04/05/23 14:00	493	O Thokweng,K Bontsibokae
495		Lift counterweight	1 hr	Thu 04/05/23 14:00	Thu 04/05/23 15:00	494	A Omphile,L Kelapile,O Manere
496		Adjust/replace idler and troughing roller frames	3 hrs	Thu 04/05/23 15:00	Thu 04/05/23 18:00	495	O Thokweng,K Bontsibokae
497		Replace defective troughing rollers	4 hrs	Thu 04/05/23 18:00	Fri 05/05/23 10:30	496	O Thokweng,K Bontsibokae
498		Replace defective return rollers	4 hrs	Fri 05/05/23 10:30	Fri 05/05/23 15:00	497	O Thokweng,K Bontsibokae
499		Replace undercarriage rollers	1.5 hrs	Fri 05/05/23 15:00	Fri 05/05/23 16:30	498	O Thokweng,K Bontsibokae
500		Inspect Pulley Lagging	1 hr	Fri 05/05/23 16:30	Fri 05/05/23 17:30	499	O Thokweng,K Bontsibokae
501		Possible pulley relagging	16 hrs	Fri 05/05/23 17:30	Sun 07/05/23 11:30	500	Horizons
502		Replace Bearings	6 hrs	Sun 07/05/23 11:30	Sun 07/05/23 18:00	501	O Thokweng,K Bontsibokae
503		Drain Oil, Flush, Seal Gearbox And Refill Oil	4 hrs	Mon 08/05/23 07:00	Mon 08/05/23 11:00	502	O Thokweng,K Bontsibokae
504		Inspect Shieves Bearings	6 hrs	Mon 08/05/23 11:00	Mon 08/05/23 17:30	503	O Thokweng,K Bontsibokae
505		Install stainless steel tail pulley carriage	4 hrs	Mon 08/05/23 17:30	Tue 09/05/23 10:30	504	K Fanyane,R Seloi
506		Drop counterweight	1 hr	Tue 09/05/23 10:30	Tue 09/05/23 11:30	505	A Omphile,L Kelapile,O Manere
507		Clear Permit & open Test run Permit	0.5 hrs	Tue 09/05/23 11:30	Tue 09/05/23 12:00	506	O Thokweng,K Bontsibokae
508		Track and align the belt	1 hr	Tue 09/05/23 12:30	Tue 09/05/23 13:30	507	O Thokweng,K Bontsibokae
509		Complete test run	0.5 hrs	Tue 09/05/23 13:30	Tue 09/05/23 14:00	508	O Thokweng,K Bontsibokae
510		Clear Test run Permit	0.25 hrs	Tue 09/05/23 14:00	Tue 09/05/23 14:15	509	O Thokweng,K Bontsibokae
511	26A2RE03	BASHSP-0037 - Wash Feed Conveyor - Rigging inspections	9 hrs	Sun 14/05/23 07:00	Sun 14/05/23 16:30		
512		Make Out Permit	0.25 hrs	Sun 14/05/23 07:00	Sun 14/05/23 07:15	429SS	Operations
513		Accept Permit	0.25 hrs	Sun 14/05/23 07:15	Sun 14/05/23 07:30	512	A Omphile,L Kelapile,O Manere
514		Carry out risk assessment	0.25 hrs	Sun 14/05/23 07:30	Sun 14/05/23 07:45	513	A Omphile,L Kelapile,O Manere
515		Inspect Rope & Anchor Points	6 hrs	Sun 14/05/23 07:45	Sun 14/05/23 14:15	514	A Omphile,L Kelapile,O Manere
516		Inspect & Service Winch	2 hrs	Sun 14/05/23 14:15	Sun 14/05/23 16:15	515	A Omphile,L Kelapile,O Manere
517		Clear Permit	0.25 hrs	Sun 14/05/23 16:15	Sun 14/05/23 16:30	516	A Omphile,L Kelapile,O Manere
518	R354832	BASHSP-0038 - Bucket Elevator - Carry out general inspections	37 hrs	Wed 03/05/23 17:30	Sun 07/05/23 10:30		
519		Wash Out Boot	0 hrs	Wed 03/05/23 17:30	Wed 03/05/23 17:30	457SS	Operations
520		Wash Out Head Pulley	0 hrs	Wed 03/05/23 17:30	Wed 03/05/23 17:30	519	Operations
521		Make Out Permit	0.25 hrs	Wed 03/05/23 17:30	Wed 03/05/23 17:45	520	O Thokweng,K Bontsibokae
522		Accept Permit	0.25 hrs	Wed 03/05/23 17:45	Wed 03/05/23 18:00	521	O Thokweng,K Bontsibokae
523		Carry out risk assessment	0.25 hrs	Wed 03/05/23 18:00	Wed 03/05/23 18:15	522	O Thokweng,K Bontsibokae
524		Open The Boot	2 hrs	Wed 03/05/23 18:15	Thu 04/05/23 08:45	523	O Thokweng,K Bontsibokae
525		Remove Top Cover (Bonnet)	2 hrs	Thu 04/05/23 08:45	Thu 04/05/23 10:45	524	O Thokweng,K Bontsibokae
526		Remove old buckets	8 hrs	Thu 04/05/23 10:45	Fri 05/05/23 07:45	525	O Thokweng,K Bontsibokae
527		Install new buckets	8 hrs	Fri 05/05/23 07:45	Fri 05/05/23 16:15	526	O Thokweng,K Bontsibokae
528		Inspect & Replace Tail End Bearings	4 hrs	Fri 05/05/23 16:15	Sat 06/05/23 08:45	527	O Thokweng,K Bontsibokae
529		Inspect & Replace Drive End Bearings	4 hrs	Sat 06/05/23 08:45	Sat 06/05/23 13:15	528	O Thokweng,K Bontsibokae



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
530		Replace Tracking And Tensioning Studs	4 hrs	Sat 06/05/23 13:15	Sat 06/05/23 17:15	529	O Thokweng,K Bontsibokae
531		Box Up Bonnet	1.5 hrs	Sat 06/05/23 17:15	Sun 07/05/23 07:45	530	O Thokweng,K Bontsibokae
532		Close The Boot	0.5 hrs	Sun 07/05/23 07:45	Sun 07/05/23 08:15	531	O Thokweng,K Bontsibokae
533		Drain, Flush & Top Up Gearbox Oil	2 hrs	Sun 07/05/23 08:15	Sun 07/05/23 10:15	532	O Thokweng,K Bontsibokae
534		Clear Permit	0.25 hrs	Sun 07/05/23 10:15	Sun 07/05/23 10:30	533	O Thokweng,K Bontsibokae
535	26A2RH01	BASHSP-0039 - Vibrating Feeder - Replace feeder	88.25 hrs	Thu 04/05/23 14:15	Fri 12/05/23 17:30		
536		Wash Out Pan feeder	0 hrs	Thu 04/05/23 14:15	Thu 04/05/23 14:15	635SS	Operations
537		Make Out Permit	0.25 hrs	Thu 04/05/23 14:15	Thu 04/05/23 14:30	536	Operations
538		Accept Permit	0.25 hrs	Thu 04/05/23 14:30	Thu 04/05/23 14:45	537	O Thokweng,K Bontsibokae
539		Carry out risk assessment	0.25 hrs	Thu 04/05/23 14:45	Thu 04/05/23 15:00	538	O Thokweng,K Bontsibokae
540		Disconnect Vibrators	1 hr	Thu 04/05/23 15:00	Thu 04/05/23 16:00	539	O Thokweng,K Bontsibokae
541		Remove Vibrating feeder& rig to the floor	4 hrs	Thu 04/05/23 16:00	Fri 05/05/23 08:30	540	O Thokweng,M_Crane35T,K Bontsibokae,A Omphile,L Kelapile,O Manere
542		Repair vibrator base	6 hrs	Fri 05/05/23 08:30	Fri 05/05/23 15:00	541	K Fanyane,R Selo
543		Install new Pan Feeder	8 hrs	Fri 12/05/23 07:45	Fri 12/05/23 16:15	643	Machinist,O Thokweng,K Fanyane,R Selo,Joest,K Bontsibokae
544		Replace springs	1 hr	Fri 12/05/23 16:15	Fri 12/05/23 17:15	543	O Thokweng,K Bontsibokae
545		Connect Vibrators	0 hrs	Fri 12/05/23 17:15	Fri 12/05/23 17:15	544	
546		Clear Permit	0.25 hrs	Fri 12/05/23 17:15	Fri 12/05/23 17:30	545	O Thokweng,K Bontsibokae
547	26A2GN01	BASHSP-0040 - Scalping Screen - Overhaul	104.5 hrs	Thu 04/05/23 16:00	Sun 14/05/23 14:30		
548		Make Up New Centre Strips Prior	0 hrs	Thu 04/05/23 16:00	Thu 04/05/23 16:00	541SS	K Fanyane,R Selo
549		Make Out Permit	0.25 hrs	Thu 04/05/23 16:00	Thu 04/05/23 16:15	548	Operations
550		Accept Permit	0.25 hrs	Thu 04/05/23 16:15	Thu 04/05/23 16:30	549	O Thokweng,K Bontsibokae
551		Carry out risk assessment	0.25 hrs	Thu 04/05/23 16:30	Thu 04/05/23 16:45	550	O Thokweng,K Bontsibokae
552		Uncouple Universal Joint	4 hrs	Thu 04/05/23 16:45	Fri 05/05/23 09:15	551	O Thokweng,K Bontsibokae
553		Rig Out Screen	6 hrs	Fri 05/05/23 09:15	Fri 05/05/23 15:45	552	O Thokweng,K Bontsibokae,A Omphile,L Kelapile,O Manere
554		Undo chute mounting bolts	2 hrs	Fri 05/05/23 15:45	Fri 05/05/23 17:45	553	O Thokweng,K Bontsibokae,K Fanyane,R Selo
555		Rig out screen chute	6 hrs	Fri 05/05/23 17:45	Sat 06/05/23 12:45	554	O Thokweng,K Bontsibokae,A Omphile,L Kelapile,O Manere
556		Repair chute (cracked areas)	8 hrs	Sat 06/05/23 12:45	Sun 07/05/23 09:45	555	K Fanyane,R Selo
557		Remove Screen Mash	2 hrs	Sun 07/05/23 09:45	Sun 07/05/23 11:45	556	O Thokweng,K Fanyane,R Selo,K Bontsibokae
558		Sand Blast& Paint Screen	24 hrs	Sun 07/05/23 11:45	Tue 09/05/23 15:15	557	O Thokweng,K Bontsibokae
559		Allow To Cure	12 hrs	Tue 09/05/23 15:15	Wed 10/05/23 16:45	558	O Thokweng,K Bontsibokae
560		Replace Rubber Strips& Screen Mesh	12 hrs	Wed 10/05/23 16:45	Fri 12/05/23 07:15	559	O Thokweng,K Bontsibokae
561		Repair Concrete Base	12 hrs	Fri 12/05/23 07:15	Sat 13/05/23 08:45	560	Civils1
562		Install chute and screen	12 hrs	Wed 10/05/23 11:45	Thu 11/05/23 13:45	641	A Omphile,L Kelapile,O Manere
563		Replace Drive Unit Bearings	4 hrs	Thu 11/05/23 13:45	Thu 11/05/23 17:45	562	O Thokweng,K Bontsibokae
564		Lubricate Universal Joint& Replace Vee Belts	4 hrs	Thu 11/05/23 17:45	Fri 12/05/23 10:45	563	O Thokweng,K Bontsibokae
565		Inspect& Lubricate Vibrating Mechanisms And Drive	4 hrs	Fri 12/05/23 10:45	Fri 12/05/23 15:15	564	O Thokweng,K Bontsibokae
566		Reseal Exciter Leaks	6 hrs	Fri 12/05/23 15:15	Sat 13/05/23 10:15	565	O Thokweng,K Bontsibokae
567		Drain And Refill Oil	2 hrs	Sat 13/05/23 10:15	Sat 13/05/23 12:45	566	O Thokweng,K Bontsibokae
568		Inspect Scalping Discharge Chute For Cracks And Repair	12 hrs	Sat 13/05/23 12:45	Sun 14/05/23 14:15	567	O Thokweng,K Fanyane,R Selo,K Bontsibokae
569		Clear Permit	0.25 hrs	Sun 14/05/23 14:15	Sun 14/05/23 14:30	568	O Thokweng,K Fanyane,R Selo,K Bontsibokae
570	26A2GN01	BASHSP-0041 - Scalping Screen - Maintenance Platform on the East side	67.25 hrs	Thu 04/05/23 16:00	Thu 11/05/23 08:15		
571		Carry out risk assessment	0.25 hrs	Thu 04/05/23 16:00	Thu 04/05/23 16:15	541SS	
572		Cut lining plates prior	0 hrs	Thu 04/05/23 16:15	Thu 04/05/23 16:15	571	Fab. Workshop
573		Make Out Permit	0.25 hrs	Thu 04/05/23 16:15	Thu 04/05/23 16:30	572	Operations
574		Accept Permit	0.25 hrs	Thu 04/05/23 16:30	Thu 04/05/23 16:45	573	K Fanyane,R Selo
575		Carry out risk assessment	0.25 hrs	Thu 04/05/23 16:45	Thu 04/05/23 17:00	574	K Fanyane,R Selo
576		Carry out structural modification	60 hrs	Thu 04/05/23 17:00	Wed 10/05/23 13:00	575	K Fanyane,R Selo
577		Mount the work base (Anchor bolts)	6 hrs	Wed 10/05/23 13:00	Thu 11/05/23 08:00	576	Montsho
578		Clear permit	0.25 hrs	Thu 11/05/23 08:00	Thu 11/05/23 08:15	577	K Fanyane,R Selo
579	26A2GN01/c	BASHSP-0042 - Cable Rack - New Installation (SS)	31.5 hrs	Thu 04/05/23 16:00	Sun 07/05/23 15:00		
580		Make Out Permit	0.25 hrs	Thu 04/05/23 16:00	Thu 04/05/23 16:15	571SS	Operations
581		Accept Permit	0.25 hrs	Thu 04/05/23 16:15	Thu 04/05/23 16:30	580	Bakang,K Fanyane,R Selo,K Opelo,T Moalosi
582		Carry out risk assessment	0.25 hrs	Thu 04/05/23 16:30	Thu 04/05/23 16:45	581	Bakang,K Fanyane,R Selo,K Opelo,T Moalosi



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
583		Disconnct power supply	0.25 hrs	Thu 04/05/23 16:45	Thu 04/05/23 17:00	582	Bakang,K Fanyane,R Seloj,K Opelo,T Moalosi
584		Remove cables from the existing racks	4 hrs	Thu 04/05/23 17:00	Fri 05/05/23 09:30	583	Bakang,K Fanyane,R Seloj,K Opelo,T Moalosi
585		Cut out& remove the old racks	8 hrs	Fri 05/05/23 09:30	Fri 05/05/23 18:00	584	Bakang,K Fanyane,R Seloj,K Opelo,T Moalosi
586		Install new cable racks	10 hrs	Fri 05/05/23 18:00	Sat 06/05/23 17:00	585	Bakang,K Fanyane,R Seloj,K Opelo,T Moalosi
587		Secure cable to the rack	8 hrs	Sat 06/05/23 17:00	Sun 07/05/23 14:30	586	Bakang,K Fanyane,R Seloj,K Opelo,T Moalosi
588		Reinstate power supply	0.25 hrs	Sun 07/05/23 14:30	Sun 07/05/23 14:45	587	Bakang,K Fanyane,R Seloj,K Opelo,T Moalosi
589		Clear permit	0.25 hrs	Sun 07/05/23 14:45	Sun 07/05/23 15:00	588	Bakang,K Fanyane,R Seloj,K Opelo,T Moalosi
590		BASHSP-0043 - T-Brine Heat Exchanger Pipes - Install Heat Exchanger pipes	129 hrs	Wed 03/05/23 06:30	Mon 15/05/23 08:30		
591		Transport pipes to site (prior)	0 hrs	Wed 03/05/23 06:30	Wed 03/05/23 06:30	6	K Fanyane,R Seloj,Fitter
592		Issue Permit To Work	0.25 hrs	Tue 09/05/23 11:30	Tue 09/05/23 11:45	507SS,591	
593		Accept permit	0.25 hrs	Tue 09/05/23 11:45	Tue 09/05/23 12:00	592	K Fanyane,R Seloj
594		Carry out risk assessment	0.25 hrs	Tue 09/05/23 12:30	Tue 09/05/23 12:45	593	K Fanyane,R Seloj
595		Cut out old pipes	6 hrs	Tue 09/05/23 12:45	Wed 10/05/23 07:45	594	K Fanyane,R Seloj
596		Rig out old pipes	4 hrs	Wed 10/05/23 07:45	Wed 10/05/23 11:45	595	K Fanyane,R Seloj
597		Prep joints	6 hrs	Wed 10/05/23 11:45	Thu 11/05/23 07:15	596	K Fanyane,R Seloj
598		Rig in new pipes	4 hrs	Thu 11/05/23 07:15	Thu 11/05/23 11:15	597	A Omphile,K Bontsibokae,O Manere
599		Position/align & tag weld pipes	6 hrs	Thu 11/05/23 11:15	Thu 11/05/23 17:45	598	K Fanyane,R Seloj,Welder
600		Weld up pipes	12 hrs	Thu 11/05/23 17:45	Sat 13/05/23 08:15	599	Welder
601		Position/align & bolt up pipes	12 hrs	Sat 13/05/23 08:15	Sun 14/05/23 09:45	600	Fitter
602		Secure pipes	6 hrs	Sun 14/05/23 09:45	Sun 14/05/23 16:15	601	K Fanyane,R Seloj
603		Quality check	2 hrs	Sun 14/05/23 16:15	Mon 15/05/23 07:15	602	Foreman,inspector
604		Housekeeping	1 hr	Mon 15/05/23 07:15	Mon 15/05/23 08:15	603	K Fanyane,R Seloj
605		Clear permit	0.25 hrs	Mon 15/05/23 08:15	Mon 15/05/23 08:30	604	Ops
606		BASHSP-0044 - Bitterns Line to GN03 - Install bitterns pipes to Banana screen	150 hrs	Wed 03/05/23 06:30	Wed 17/05/23 08:30		
607		Transport pipes to site (prior)	0 hrs	Wed 03/05/23 06:30	Wed 03/05/23 06:30	6	K Fanyane,R Seloj,Fitter
608		Issue Permit To Work	0.25 hrs	Fri 12/05/23 07:00	Fri 12/05/23 07:15	607,510,599	
609		Accept permit	0.25 hrs	Fri 12/05/23 07:15	Fri 12/05/23 07:30	608	K Fanyane,R Seloj
610		Carry out risk assessment	0.25 hrs	Fri 12/05/23 07:30	Fri 12/05/23 07:45	609	K Fanyane,R Seloj
611		Cut out old pipes	8 hrs	Fri 12/05/23 07:45	Fri 12/05/23 16:15	610	K Fanyane,R Seloj
612		Punch bolts studs	4 hrs	Fri 12/05/23 16:15	Sat 13/05/23 09:15	611	K Fanyane,R Seloj
613		Rig out old pipes	6 hrs	Sat 13/05/23 09:15	Sat 13/05/23 15:45	612	A Omphile,K Bontsibokae,O Manere
614		Rig in new pipes	8 hrs	Sat 13/05/23 15:45	Sun 14/05/23 13:15	613	A Omphile,K Bontsibokae,O Manere
615		Position/align & bolt up pipes	16 hrs	Sun 14/05/23 13:15	Tue 16/05/23 07:45	614	K Fanyane,R Seloj,Fitter
616		Secure pipes on the rack	6 hrs	Tue 16/05/23 07:45	Tue 16/05/23 14:15	615	K Fanyane,R Seloj
617		Test for leaks	2 hrs	Tue 16/05/23 14:15	Tue 16/05/23 16:15	616	K Fanyane,R Seloj
618		Quality check	1 hr	Tue 16/05/23 16:15	Tue 16/05/23 17:15	617	Foreman
619		Housekeeping	2 hrs	Tue 16/05/23 17:15	Wed 17/05/23 08:15	618	All
620		Clear permit	0.25 hrs	Wed 17/05/23 08:15	Wed 17/05/23 08:30	619	Ops
621	26A2GK01	BASHSP-0045 - #1 Wash Tank - Open Up ,Check Rubber lining& Agitator + Drive	153 hrs	Wed 03/05/23 06:30	Wed 17/05/23 11:30		
622		Fabricate stainless steel baffle plates prior	0 hrs	Wed 03/05/23 06:30	Wed 03/05/23 06:30	6	Fab. Workshop
623		Drain Tank	3 hrs	Wed 03/05/23 07:00	Wed 03/05/23 10:00	622,293SS	Operations
624		Make Out Permit	0 hrs	Wed 03/05/23 10:00	Wed 03/05/23 10:00	623	Operations
625		Accept Permit	0.25 hrs	Wed 03/05/23 10:00	Wed 03/05/23 10:15	624	O Thokweng,A Omphile,L Kelapile,O Manere,K Bontsibokae
626		Carry out risk assessment	0.25 hrs	Wed 03/05/23 10:15	Wed 03/05/23 10:30	625	O Thokweng,A Omphile,L Kelapile,O Manere,K Bontsibokae
627		Open Manhole	0.5 hrs	Wed 03/05/23 10:30	Wed 03/05/23 11:00	626	O Thokweng,K Bontsibokae
628		Issue Vessel Entry Permit	0.25 hrs	Wed 03/05/23 11:00	Wed 03/05/23 11:15	627	Operations
629		Perform Gas Test (Every 8 Hours)	0.25 hrs	Wed 03/05/23 11:15	Wed 03/05/23 11:30	628	Laboratory
630		Accept Vessel Entry Permit	0.25 hrs	Wed 03/05/23 11:30	Wed 03/05/23 11:45	629	O Thokweng,K Bontsibokae
631		Clean tank free of water and product build up	6 hrs	Wed 03/05/23 11:45	Wed 03/05/23 18:15	630	Operations
632		Disconnect Motor	5 hrs	Wed 03/05/23 18:15	Thu 04/05/23 11:45	631	K Opelo,T Moalosi
633		Uncouple drive units	1 hr	Thu 04/05/23 11:45	Thu 04/05/23 13:15	632	O Thokweng,K Bontsibokae
634		Rig down motor to floor	1 hr	Thu 04/05/23 13:15	Thu 04/05/23 14:15	633	A Omphile,L Kelapile,O Manere,M_Crane35T
635		Rig out gearbox	1 hr	Thu 04/05/23 14:15	Thu 04/05/23 15:15	634	A Omphile,L Kelapile,O Manere,M_Crane35T



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
636		Rig out agitator assembly	1 hr	Thu 04/05/23 15:15	Thu 04/05/23 16:15	635	A Omphile,L Kelapile,O Manere,M_Crane35T
637		Erect Scaffold (Moveable)	1 hr	Thu 04/05/23 16:15	Thu 04/05/23 17:15	636	RSC
638		Rig out baffle plates, brackets and feedwell	12 hrs	Thu 04/05/23 17:15	Fri 05/05/23 18:15	637	O Thokweng,K Bontsibokae,Horizons
639		Remove old rubber lining (awaiting scope of work from Horizons)	20 hrs	Sat 06/05/23 12:45	Mon 08/05/23 11:15	555	Horizons
640		Inspect tank lining for wear	1.5 hrs	Mon 08/05/23 11:15	Mon 08/05/23 13:15	639	D Zambo,P Chite,Horizons
641		Replace rubber lining	20 hrs	Mon 08/05/23 13:15	Wed 10/05/23 11:45	640	Horizons
642		Inspect baffle plates, brackets and feedwell for wear	1 hr	Wed 10/05/23 11:45	Wed 10/05/23 13:15	641	K Fanyane,R Selo
643		Possible repairs	16 hrs	Wed 10/05/23 13:15	Fri 12/05/23 07:45	642	K Fanyane,R Selo
644		Reline the baffle plates, brackets and feedwell	12 hrs	Fri 12/05/23 07:45	Sat 13/05/23 09:15	643	Horizons
645		Curing time	24 hrs	Sat 13/05/23 09:15	Mon 15/05/23 12:45	644	
646		Rig in baffle plates, brackets and feedwell	6 hrs	Mon 15/05/23 12:45	Tue 16/05/23 07:45	645	A Omphile,L Kelapile,O Manere,M_Crane35T
647		Rig in agitator assembly	2 hrs	Tue 16/05/23 07:45	Tue 16/05/23 09:45	646	A Omphile,L Kelapile,O Manere,M_Crane35T
648		Rig in gearbox	1 hr	Tue 16/05/23 09:45	Tue 16/05/23 10:45	647	A Omphile,L Kelapile,O Manere,M_Crane35T
649		Rig in motor	2 hrs	Tue 16/05/23 10:45	Tue 16/05/23 13:15	648	A Omphile,L Kelapile,O Manere,M_Crane35T,O Thokweng,K Bontsibokae
650		Connect motor	0.5 hrs	Tue 16/05/23 13:15	Tue 16/05/23 13:45	649	T Moalosi
651		Direction test motor	0.5 hrs	Tue 16/05/23 13:45	Tue 16/05/23 14:15	650	T Moalosi
652		Drain, flush and change gearbox oil	4 hrs	Tue 16/05/23 14:15	Wed 17/05/23 07:15	651	O Thokweng,K Bontsibokae
653		Couple the motor to gearbox	1 hr	Wed 17/05/23 07:15	Wed 17/05/23 08:15	652	O Thokweng,K Bontsibokae
654		Dismantle scaffold	2 hrs	Wed 17/05/23 08:15	Wed 17/05/23 10:15	653	RSC
655		Box Up	1 hr	Wed 17/05/23 10:15	Wed 17/05/23 11:15	654	O Thokweng,K Bontsibokae
656		Clear permit	0.25 hrs	Wed 17/05/23 11:15	Wed 17/05/23 11:30	655	O Thokweng,A Omphile,L Kelapile,O Manere,K Bontsibokae
657	26A2GK02	BASHSP-0046 - #2 Wash Tank - Open Up,Check Rubberlining, Agitator& Baffle Plates	152.5 hrs	Wed 03/05/23 06:30	Wed 17/05/23 11:00		
658		Fabricate stainless steel baffle plates prior	0 hrs	Wed 03/05/23 06:30	Wed 03/05/23 06:30	6	Fab. Workshop
659		Drain Tank	3 hrs	Wed 03/05/23 07:00	Wed 03/05/23 10:00	658,623SS	Operations
660		Make Out Permit	0 hrs	Wed 03/05/23 10:00	Wed 03/05/23 10:00	659	Operations
661		Accept Permit	0.25 hrs	Wed 03/05/23 10:00	Wed 03/05/23 10:15	660	O Thokweng,A Omphile,L Kelapile,O Manere,K Bontsibokae
662		Carry out risk assessment	0.25 hrs	Wed 03/05/23 10:15	Wed 03/05/23 10:30	661	O Thokweng,A Omphile,L Kelapile,O Manere,K Bontsibokae
663		Open Manhole	0.5 hrs	Wed 03/05/23 10:30	Wed 03/05/23 11:00	662	O Thokweng,K Bontsibokae
664		Issue Vessel Entry Permit	0.25 hrs	Wed 03/05/23 11:00	Wed 03/05/23 11:15	663	Operations
665		Perform Gas Test (Every 8 Hours)	0.25 hrs	Wed 03/05/23 11:15	Wed 03/05/23 11:30	664	Laboratory
666		Accept Vessel Entry Permit	0.25 hrs	Wed 03/05/23 11:30	Wed 03/05/23 11:45	665	O Thokweng,K Bontsibokae
667		Clean tank free of water and product build up	6 hrs	Wed 03/05/23 11:45	Wed 03/05/23 18:15	666	Operations
668		Disconnect Motor	5 hrs	Wed 03/05/23 18:15	Thu 04/05/23 11:45	667	K Opelo,T Moalosi
669		Uncouple drive units	1 hr	Thu 04/05/23 11:45	Thu 04/05/23 13:15	668	O Thokweng,K Bontsibokae
670		Rig down motor to floor	1 hr	Thu 04/05/23 13:15	Thu 04/05/23 14:15	669	A Omphile,L Kelapile,O Manere,M_Crane35T
671		Rig out gearbox	1 hr	Thu 04/05/23 14:15	Thu 04/05/23 15:15	670	A Omphile,L Kelapile,O Manere,M_Crane35T
672		Rig out agitator assembly	1 hr	Thu 04/05/23 15:15	Thu 04/05/23 16:15	671	A Omphile,L Kelapile,O Manere,M_Crane35T
673		Erect Scaffold (Moveable)	1 hr	Thu 04/05/23 16:15	Thu 04/05/23 17:15	672	RSC
674		Rig out baffle plates, brackets and feedwell	12 hrs	Thu 04/05/23 17:15	Fri 05/05/23 18:15	673	O Thokweng,Contractor,K Bontsibokae
675		Remove old rubber lining	20 hrs	Sat 06/05/23 12:45	Mon 08/05/23 11:15	555,673	Horizons
676		Inspect tank lining for wear	1 hr	Mon 08/05/23 11:15	Mon 08/05/23 12:45	675	D Zambo,P Chite,Horizons
677		Replace rubber lining (Scope of work from Horizons)	20 hrs	Mon 08/05/23 12:45	Wed 10/05/23 11:15	676	Horizons
678		Inspect baffle plates, brackets and feedwell for wear	1 hr	Wed 10/05/23 11:15	Wed 10/05/23 12:45	677	K Fanyane,R Selo
679		Possible repairs	16 hrs	Wed 10/05/23 12:45	Fri 12/05/23 07:15	678	K Fanyane,R Selo
680		Reline the baffle plates, brackets and feedwell	12 hrs	Fri 12/05/23 07:15	Sat 13/05/23 08:45	679	Horizons
681		Curing time	24 hrs	Sat 13/05/23 08:45	Mon 15/05/23 11:45	680	
682		Rig in baffle plates, brackets and feedwell	6 hrs	Mon 15/05/23 11:45	Tue 16/05/23 07:15	681	A Omphile,L Kelapile,O Manere,M_Crane35T
683		Rig in agitator assembly	2 hrs	Tue 16/05/23 07:15	Tue 16/05/23 09:15	682	A Omphile,L Kelapile,O Manere,M_Crane35T
684		Rig in gearbox	1 hr	Tue 16/05/23 09:15	Tue 16/05/23 10:15	683	A Omphile,L Kelapile,O Manere,M_Crane35T
685		Rig in motor	2 hrs	Tue 16/05/23 10:15	Tue 16/05/23 12:45	684	A Omphile,L Kelapile,O Manere,M_Crane35T,O Thokweng,K Bontsibokae
686		Connect motor	0.5 hrs	Tue 16/05/23 12:45	Tue 16/05/23 13:15	685	T Moalosi
687		Direction test motor	0.5 hrs	Tue 16/05/23 13:15	Tue 16/05/23 13:45	686	T Moalosi
688		Drain, flush and change gearbox oil	4 hrs	Tue 16/05/23 13:45	Tue 16/05/23 17:45	687	O Thokweng,K Bontsibokae



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
689		Couple the motor to gearbox	1 hr	Tue 16/05/23 17:45	Wed 17/05/23 07:45	688	O Thokweng,K Bontsibokae
690		Dismantle scaffold	2 hrs	Wed 17/05/23 07:45	Wed 17/05/23 09:45	689	RSC
691		Box Up	1 hr	Wed 17/05/23 09:45	Wed 17/05/23 10:45	690	O Thokweng,K Bontsibokae
692		Clear permit	0.25 hrs	Wed 17/05/23 10:45	Wed 17/05/23 11:00	691	O Thokweng,A Omphile,L Kelapile,O Manere,K Bontsibokae
693	26A2GK03	BASHSP-0047 - #3 Wash Tank - Open Up, Check Glass Lining, Agitator & Baffle Plates	100 hrs	Thu 04/05/23 13:15	Sat 13/05/23 17:45		
694		Drain Tank	0 hrs	Thu 04/05/23 13:15	Thu 04/05/23 13:15	659,669	Operations
695		Make Out Permit	0.25 hrs	Thu 04/05/23 13:15	Thu 04/05/23 13:30	694	Operations
696		Accept Permit	0.25 hrs	Thu 04/05/23 13:30	Thu 04/05/23 13:45	695	O Thokweng,A Omphile,L Kelapile,O Manere,K Bontsibokae
697		Carry out risk assessment	0.25 hrs	Thu 04/05/23 13:45	Thu 04/05/23 14:00	696	O Thokweng,A Omphile,L Kelapile,O Manere,K Bontsibokae
698		Open Manhole	0.5 hrs	Thu 04/05/23 14:00	Thu 04/05/23 14:30	697	O Thokweng,K Bontsibokae
699		Issue Out Vessel Entry Permit	0.25 hrs	Thu 04/05/23 14:30	Thu 04/05/23 14:45	698	Operations
700		Perform Gas Test (Every 8 Hours)	8 hrs	Thu 04/05/23 14:45	Fri 05/05/23 11:15	699	Laboratory
701		Accept Vessel Entry Permit	0.25 hrs	Fri 05/05/23 11:15	Fri 05/05/23 11:30	700	O Thokweng,K Bontsibokae
702		Erect Scaffold (Moveable)	12 hrs	Fri 05/05/23 11:30	Sat 06/05/23 13:00	701	RSC
703		Clean tank free of water and product build up	6.5 hrs	Sat 06/05/23 13:00	Sun 07/05/23 08:30	702	Operations
704		Repair, apply Glass Lining & perform spark test (scope of work from Aesseal)	36 hrs	Sun 07/05/23 08:30	Wed 10/05/23 13:30	703	Aesseal
705		Remove Agitator Blades	8 hrs	Wed 10/05/23 13:30	Thu 11/05/23 10:30	704	O Thokweng,K Bontsibokae
706		Disconnect motor & remove Geared Unit	8 hrs	Thu 11/05/23 10:30	Fri 12/05/23 08:00	705	O Thokweng,K Bontsibokae,Electrical,M_Crane35T,O Manere
707		Inspect and service the Agitator	6 hrs	Fri 12/05/23 08:00	Fri 12/05/23 14:30	706	O Thokweng,A Omphile,L Kelapile,O Manere,K Bontsibokae
708		Re-install the the agitator	2 hrs	Fri 12/05/23 14:30	Fri 12/05/23 16:30	707	O Thokweng,K Bontsibokae
709		Install Geared Unit & connect motor	9 hrs	Fri 12/05/23 16:30	Sat 13/05/23 15:00	708	A Omphile,L Kelapile,O Manere
710		Remove Scaffold	1.5 hrs	Sat 13/05/23 15:00	Sat 13/05/23 16:30	709	RSC
711		Box Up	1 hr	Sat 13/05/23 16:30	Sat 13/05/23 17:30	710	O Thokweng,K Bontsibokae
712		Clear Vessel Entry Permit	0.25 hrs	Sat 13/05/23 17:30	Sat 13/05/23 17:45	711	O Thokweng,A Omphile,L Kelapile,O Manere,K Bontsibokae
713	26A2FF01	BASHSP-0048 - Primary Cyclone - Open, Check Spigots & Vortex Finders	87 hrs	Wed 03/05/23 07:00	Thu 11/05/23 08:30		
714		Erect scaffold	2 hrs	Wed 03/05/23 07:00	Wed 03/05/23 09:00	6	RSC
715		Make up spool piece prior	0 hrs	Mon 08/05/23 06:30	Mon 08/05/23 06:30	714,534	Fab. Workshop
716		Make out permit	0.25 hrs	Mon 08/05/23 07:00	Mon 08/05/23 07:15	715	O Thokweng,K Bontsibokae
717		Accept permit	0.25 hrs	Mon 08/05/23 07:15	Mon 08/05/23 07:30	716	O Thokweng,K Bontsibokae
718		Carry out risk assessment	0.25 hrs	Mon 08/05/23 07:30	Mon 08/05/23 07:45	717	O Thokweng,K Bontsibokae
719		Remove & replace Cyclone support structure	12 hrs	Mon 08/05/23 07:45	Tue 09/05/23 09:15	718,670	K Fanyane,R Seloi,M_Crane35T,O Manere
720		Open all cyclone	6 hrs	Tue 09/05/23 09:15	Tue 09/05/23 15:45	719	O Thokweng,K Bontsibokae
721		Check spigots & vortex finders	4 hrs	Tue 09/05/23 15:45	Wed 10/05/23 08:45	720	O Thokweng,K Bontsibokae
722		Replace spool piece	2 hrs	Wed 10/05/23 08:45	Wed 10/05/23 10:45	721	O Thokweng,K Bontsibokae
723		Replace gaskets & box up cyclones	8 hrs	Wed 10/05/23 10:45	Thu 11/05/23 08:15	722	O Thokweng,K Bontsibokae
724		Clear permit	0.25 hrs	Thu 11/05/23 08:15	Thu 11/05/23 08:30	723	O Thokweng,K Bontsibokae
725	26A2FF02	BASHSP-0049 - Secondary Cyclone - Cone Flange Repair, Check Spigots & Vortex Finders	151.25 hrs	Wed 03/05/23 06:30	Wed 17/05/23 09:45		
726		Fabricate structure (prior)	0 hrs	Wed 03/05/23 06:30	Wed 03/05/23 06:30	6	K Fanyane,R Seloi
727		Make out permit	0.25 hrs	Mon 08/05/23 07:00	Mon 08/05/23 07:15	726,716SS	Operations
728		Accept permit	0.25 hrs	Mon 08/05/23 07:15	Mon 08/05/23 07:30	727	O Thokweng,K Bontsibokae
729		Carry out risk assessment	0.25 hrs	Mon 08/05/23 07:30	Mon 08/05/23 07:45	728	O Thokweng,K Bontsibokae
730		Rig cyclone to the floor & carry out flange repairs	8 hrs	Fri 12/05/23 08:00	Fri 12/05/23 16:30	729,706	O Thokweng,A Omphile,L Kelapile,O Manere,K Bontsibokae
731		Remove old structure	12 hrs	Fri 12/05/23 16:30	Sat 13/05/23 18:00	730	K Fanyane,R Seloi,A Omphile,L Kelapile,M_Crane35T,O Manere
732		Install new structure	18 hrs	Sun 14/05/23 07:00	Mon 15/05/23 15:00	731	K Fanyane,R Seloi,A Omphile,L Kelapile,M_Crane35T,O Manere
733		Check Vortex Finders and replace spigot	4 hrs	Mon 15/05/23 15:00	Tue 16/05/23 08:00	732	O Thokweng,K Bontsibokae
734		Install the cyclone	4 hrs	Tue 16/05/23 08:00	Tue 16/05/23 12:00	733	O Thokweng,A Omphile,L Kelapile,O Manere,K Bontsibokae
735		Replace gaskets & box up cyclones	8 hrs	Tue 16/05/23 12:30	Wed 17/05/23 09:30	734	O Thokweng,K Bontsibokae
736		Clear permit	0.25 hrs	Wed 17/05/23 09:30	Wed 17/05/23 09:45	735	O Thokweng,K Bontsibokae
737		BASHSP-0050 - Secondary Cyclone Cone - Install cone	109 hrs	Wed 03/05/23 06:30	Sat 13/05/23 09:30		
738		Transport cones to site (prior)	0 hrs	Wed 03/05/23 06:30	Wed 03/05/23 06:30	6	K Fanyane,R Seloi,Fitter
739		Issue Permit To Work	0.25 hrs	Mon 08/05/23 07:00	Mon 08/05/23 07:15	727SS	
740		Accept permit	0.25 hrs	Mon 08/05/23 07:15	Mon 08/05/23 07:30	738,739	K Fanyane,R Seloi
741		Carry out risk assessment	0.25 hrs	Mon 08/05/23 07:30	Mon 08/05/23 07:45	740	All



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
742		Cut out bolts	4 hrs	Mon 08/05/23 07:45	Mon 08/05/23 11:45	741	K Fanyane,R Selo
743		Punch bolts studs	2 hrs	Mon 08/05/23 11:45	Mon 08/05/23 14:15	742	K Fanyane,R Selo
744		Rig out old cyclones	2 hrs	Fri 12/05/23 08:00	Fri 12/05/23 10:00	743,706	A Omphile,K Bontsibokae,O Manere,M_Crane35T
745		Rig in new cyclones	2 hrs	Fri 12/05/23 10:00	Fri 12/05/23 12:00	744	A Omphile,K Bontsibokae,O Manere,M_Crane35T
746		Position/align & bolt up cyclones	4 hrs	Fri 12/05/23 12:30	Fri 12/05/23 16:30	745	K Fanyane,R Selo
747		Test for leaks	2 hrs	Fri 12/05/23 16:30	Sat 13/05/23 07:30	746	Fitter
748		Quality check	1 hr	Sat 13/05/23 07:30	Sat 13/05/23 08:30	747	Foreman
749		Housekeeping	1 hr	Sat 13/05/23 08:30	Sat 13/05/23 09:30	748	All
750		Clear permit	0.25 hrs	Wed 03/05/23 07:00	Wed 03/05/23 07:15		Ops
751	26A2FF03	BASHSP-0051 - #A Tertiary Cyclone - Replace Cyclone	115 hrs	Mon 08/05/23 07:15	Thu 18/05/23 17:45		
752		Make out permit	0.25 hrs	Mon 08/05/23 07:15	Mon 08/05/23 07:30	739	Operations
753		Accept permit	0.25 hrs	Mon 08/05/23 07:30	Mon 08/05/23 07:45	752	O Thokweng,K Bontsibokae
754		Carry out risk assessment	0.25 hrs	Mon 08/05/23 07:45	Mon 08/05/23 08:00	753	O Thokweng,K Bontsibokae
755		Remove the cyclone	6 hrs	Fri 12/05/23 08:00	Fri 12/05/23 14:30	754,706	O Thokweng,K Bontsibokae,M_Crane35T,O Manere
756		Fabricate new stainless steel cyclone	48 hrs	Fri 12/05/23 14:30	Wed 17/05/23 09:30	755	K Fanyane,R Selo
757		Install newly fabricated cyclone	4 hrs	Wed 17/05/23 09:30	Wed 17/05/23 14:00	756	O Thokweng,K Bontsibokae,M_Crane35T,O Manere
758		Replace Vortex Finders and replace spigot	6 hrs	Wed 17/05/23 14:00	Thu 18/05/23 09:00	757	O Thokweng,K Bontsibokae
759		Replace gaskets& box up cyclones	8 hrs	Thu 18/05/23 09:00	Thu 18/05/23 17:30	758	O Thokweng,K Bontsibokae
760		Clear permit	0.25 hrs	Thu 18/05/23 17:30	Thu 18/05/23 17:45	759	O Thokweng,K Bontsibokae
761	26A2FF04	BASHSP-0052 - #B Tertiary Cyclone - Open, Check Spigots& Vortex Finders	19 hrs	Mon 08/05/23 07:30	Tue 09/05/23 16:30		
762		Make out permit	0.25 hrs	Mon 08/05/23 07:30	Mon 08/05/23 07:45	752	Operations
763		Accept permit	0.25 hrs	Mon 08/05/23 07:45	Mon 08/05/23 08:00	762	O Thokweng,K Bontsibokae
764		Carry out risk assessment	0.25 hrs	Mon 08/05/23 08:00	Mon 08/05/23 08:15	763	O Thokweng,K Bontsibokae
765		Open cyclone	6 hrs	Mon 08/05/23 08:15	Mon 08/05/23 14:45	764	O Thokweng,K Bontsibokae
766		Check spigots & vortex finders	6 hrs	Mon 08/05/23 14:45	Tue 09/05/23 09:45	765	O Thokweng,K Bontsibokae
767		Replace gaskets & box up cyclones	6 hrs	Tue 09/05/23 09:45	Tue 09/05/23 16:15	766	O Thokweng,K Bontsibokae
768		Clear permit	0.25 hrs	Tue 09/05/23 16:15	Tue 09/05/23 16:30	767	O Thokweng,K Bontsibokae
769	26A2GA01	BASHSP-0053 - Primary Cyclone Pump - Carry Out Inspection	48 hrs	Sat 06/05/23 14:15	Thu 11/05/23 09:15		
770		Make Out Permit	0.25 hrs	Sat 06/05/23 14:15	Sat 06/05/23 14:30	420SS	Operations
771		Accept Permit	0.25 hrs	Sat 06/05/23 14:30	Sat 06/05/23 14:45	770	O Thokweng,K Bontsibokae
772		Carry out risk assessment	0.25 hrs	Sat 06/05/23 14:45	Sat 06/05/23 15:00	771	O Thokweng,K Bontsibokae
773		Remove Guards & V-Belts	2 hrs	Sat 06/05/23 15:00	Sat 06/05/23 17:00	772	O Thokweng,K Bontsibokae
774		Disconnect Motor	0.5 hrs	Sat 06/05/23 17:00	Sat 06/05/23 17:30	773	K Opelo,T Moalosi
775		Remove motor	2 hrs	Sat 06/05/23 17:30	Sun 07/05/23 08:30	774	O Thokweng,K Bontsibokae
776		Remove both discharge and suction pipe	3 hrs	Sun 07/05/23 08:30	Sun 07/05/23 11:30	775	O Thokweng,K Bontsibokae
777		Remove & overhaul pump at the workshop	24 hrs	Sun 07/05/23 11:30	Tue 09/05/23 15:00	776	O Thokweng,K Bontsibokae,A Omphile,M_Crane35T,O Manere
778		Remove and replace Manual Valves (Suction)	3 hrs	Tue 09/05/23 15:00	Tue 09/05/23 18:00	777	O Thokweng,K Bontsibokae
779		Remove and replace manual valve (discharge)	3 hrs	Wed 10/05/23 07:00	Wed 10/05/23 10:00	778	O Thokweng,K Bontsibokae
780		Replace adjusting bolts for motor base	2 hrs	Wed 10/05/23 10:00	Wed 10/05/23 12:00	779	O Thokweng,K Bontsibokae
781		Install the motor	4 hrs	Wed 10/05/23 12:30	Wed 10/05/23 16:30	780	O Thokweng,K Bontsibokae
782		Replace V-Belts, Align Pulleys & Guards	2 hrs	Wed 10/05/23 16:30	Thu 11/05/23 07:30	781	O Thokweng,K Bontsibokae
783		Repack Glands	1 hr	Thu 11/05/23 07:30	Thu 11/05/23 08:30	782	O Thokweng,K Bontsibokae
784		Connect Motor	0.5 hrs	Thu 11/05/23 08:30	Thu 11/05/23 09:00	783	K Opelo,T Moalosi
785		Clear Permit	0.25 hrs	Thu 11/05/23 09:00	Thu 11/05/23 09:15	784	O Thokweng,K Bontsibokae
786	26A2GA03	BASHSP-0054 - Secondary Cyclone Pump - Carry Out Inspection	48 hrs	Sat 06/05/23 14:15	Thu 11/05/23 09:15		
787		Make Out Permit	0.25 hrs	Sat 06/05/23 14:15	Sat 06/05/23 14:30	770SS	Operations
788		Accept Permit	0.25 hrs	Sat 06/05/23 14:30	Sat 06/05/23 14:45	787	O Thokweng,K Bontsibokae
789		Carry out risk assessment	0.25 hrs	Sat 06/05/23 14:45	Sat 06/05/23 15:00	788	O Thokweng,K Bontsibokae
790		Remove Guards & V-Belts	2 hrs	Sat 06/05/23 15:00	Sat 06/05/23 17:00	789	O Thokweng,K Bontsibokae
791		Disconnect Motor	0.5 hrs	Sat 06/05/23 17:00	Sat 06/05/23 17:30	790	O Thokweng,K Bontsibokae
792		Remove motor	2 hrs	Sat 06/05/23 17:30	Sun 07/05/23 08:30	791	O Thokweng,K Bontsibokae
793		Remove both discharge and suction pipe	3 hrs	Sun 07/05/23 08:30	Sun 07/05/23 11:30	792	O Thokweng,K Bontsibokae
794		Remove & overhaul pump at the workshop	24 hrs	Sun 07/05/23 11:30	Tue 09/05/23 15:00	793	O Thokweng,K Bontsibokae,A Omphile,M_Crane35T,O Manere



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
795		Remove and replace Manual Valves (Suction)	3 hrs	Tue 09/05/23 15:00	Tue 09/05/23 18:00	794	O Thokweng,K Bontsibokae
796		Remove and replace manual valve (discharge)	3 hrs	Wed 10/05/23 07:00	Wed 10/05/23 10:00	795	O Thokweng,K Bontsibokae
797		Replace adjusting bolts for motor base	2 hrs	Wed 10/05/23 10:00	Wed 10/05/23 12:00	796	O Thokweng,K Bontsibokae
798		Install the motor	4 hrs	Wed 10/05/23 12:30	Wed 10/05/23 16:30	797	O Thokweng,K Bontsibokae
799		Replace V-Belts, Align Pulleys & Guards	2 hrs	Wed 10/05/23 16:30	Thu 11/05/23 07:30	798	O Thokweng,K Bontsibokae
800		Repack Glands	1 hr	Thu 11/05/23 07:30	Thu 11/05/23 08:30	799	O Thokweng,K Bontsibokae
801		Connect Motor	0.5 hrs	Thu 11/05/23 08:30	Thu 11/05/23 09:00	800	O Thokweng,K Bontsibokae
802		Clear Permit	0.25 hrs	Thu 11/05/23 09:00	Thu 11/05/23 09:15	801	O Thokweng,K Bontsibokae
803	26A2GA05	BASHSP-0055 - Tertiary Cyclone Pump - Carry Out Inspection	42 hrs	Sat 06/05/23 14:15	Wed 10/05/23 14:15		
804		Make Out Permit	0.25 hrs	Sat 06/05/23 14:15	Sat 06/05/23 14:30	787SS	Operations
805		Accept Permit	0.25 hrs	Sat 06/05/23 14:30	Sat 06/05/23 14:45	804	O Thokweng,K Bontsibokae
806		Carry out risk assessment	0.25 hrs	Sat 06/05/23 14:45	Sat 06/05/23 15:00	805	O Thokweng,K Bontsibokae
807		Remove Guards & V-Belts	2 hrs	Sat 06/05/23 15:00	Sat 06/05/23 17:00	806	O Thokweng,K Bontsibokae
808		Disconnect Motor	0.5 hrs	Sat 06/05/23 17:00	Sat 06/05/23 17:30	807	K Opelo,T Moalosi
809		Remove both discharge and suction pipe	3 hrs	Sat 06/05/23 17:30	Sun 07/05/23 09:30	808	O Thokweng,K Bontsibokae
810		Remove & overhaul pump at the workshop	24 hrs	Sun 07/05/23 09:30	Tue 09/05/23 13:00	809	O Thokweng,K Bontsibokae,A Omphile,M_Crane35T,O Manere
811		Remove and replace Manual Valves (Suction)	3 hrs	Tue 09/05/23 13:00	Tue 09/05/23 16:00	810	O Thokweng,K Bontsibokae
812		Remove and replace manual valve (discharge)	3 hrs	Tue 09/05/23 16:00	Wed 10/05/23 08:00	811	O Thokweng,K Bontsibokae
813		Replace adjusting bolts for motor base	2 hrs	Wed 10/05/23 08:00	Wed 10/05/23 10:00	812	O Thokweng,K Bontsibokae
814		Replace V-Belts, Align Pulleys & Guards	2 hrs	Wed 10/05/23 10:00	Wed 10/05/23 12:00	813	O Thokweng,K Bontsibokae
815		Repack Glands	1 hr	Wed 10/05/23 12:30	Wed 10/05/23 13:30	814	O Thokweng,K Bontsibokae
816		Connect Motor	0.5 hrs	Wed 10/05/23 13:30	Wed 10/05/23 14:00	815	K Opelo,T Moalosi
817		Clear Permit	0.25 hrs	Wed 10/05/23 14:00	Wed 10/05/23 14:15	816	O Thokweng,K Bontsibokae
818	26A2GA04	BASHSP-0056 - Washed Salt Screen Pump - Carry Out Inspection	48 hrs	Sat 06/05/23 14:15	Thu 11/05/23 09:15		
819		Make Out Permit	0.25 hrs	Sat 06/05/23 14:15	Sat 06/05/23 14:30	804SS	Operations
820		Accept Permit	0.25 hrs	Sat 06/05/23 14:30	Sat 06/05/23 14:45	819	O Thokweng,K Bontsibokae
821		Carry out risk assessment	0.25 hrs	Sat 06/05/23 14:45	Sat 06/05/23 15:00	820	O Thokweng,K Bontsibokae
822		Remove Guards & V-Belts	2 hrs	Sat 06/05/23 15:00	Sat 06/05/23 17:00	821	O Thokweng,K Bontsibokae
823		Disconnect Motor	0.5 hrs	Sat 06/05/23 17:00	Sat 06/05/23 17:30	822	O Thokweng,K Bontsibokae
824		Remove motor	2 hrs	Sat 06/05/23 17:30	Sun 07/05/23 08:30	823	O Thokweng,K Bontsibokae
825		Remove both discharge and suction pipe	3 hrs	Sun 07/05/23 08:30	Sun 07/05/23 11:30	824	O Thokweng,K Bontsibokae
826		Remove & overhaul pump at the workshop	24 hrs	Sun 07/05/23 11:30	Tue 09/05/23 15:00	825	O Thokweng,K Bontsibokae,A Omphile,K Fanyane,M_Crane35T,O Maner
827		Remove and replace Manual Valves (Suction)	3 hrs	Tue 09/05/23 15:00	Tue 09/05/23 18:00	826	O Thokweng,K Bontsibokae
828		Remove and replace manual valve (discharge)	3 hrs	Wed 10/05/23 07:00	Wed 10/05/23 10:00	827	O Thokweng,K Bontsibokae
829		Replace adjusting bolts for motor base	2 hrs	Wed 10/05/23 10:00	Wed 10/05/23 12:00	828	O Thokweng,K Bontsibokae
830		Install the motor	4 hrs	Wed 10/05/23 12:30	Wed 10/05/23 16:30	829	O Thokweng,K Bontsibokae
831		Replace V-Belts, Align Pulleys & Guards	2 hrs	Wed 10/05/23 16:30	Thu 11/05/23 07:30	830	O Thokweng,K Bontsibokae
832		Repack Glands	1 hr	Thu 11/05/23 07:30	Thu 11/05/23 08:30	831	O Thokweng,K Bontsibokae
833		Connect Motor	0.5 hrs	Thu 11/05/23 08:30	Thu 11/05/23 09:00	832	O Thokweng,K Bontsibokae
834		Clear Permit	0.25 hrs	Thu 11/05/23 09:00	Thu 11/05/23 09:15	833	O Thokweng,K Bontsibokae
835	26A2GD01	BASHSP-0057 - Fine Salt Centrifuge - Carry Out Inspection And Service	96 hrs	Wed 03/05/23 07:00	Thu 11/05/23 18:00		
836		Make Out Permit	0.25 hrs	Wed 03/05/23 07:00	Wed 03/05/23 07:15	6	Operations
837		Accept Permit	0.25 hrs	Wed 03/05/23 07:15	Wed 03/05/23 07:30	836	O Thokweng,K Bontsibokae
838		Carry out risk assessment	0.25 hrs	Wed 03/05/23 07:30	Wed 03/05/23 07:45	837	O Thokweng,K Bontsibokae
839		Remove hood covers	2.5 hrs	Wed 03/05/23 07:45	Wed 03/05/23 10:15	838	K Fanyane,R Seloi
840		Disconect the motor & Remove vee belts	1 hr	Wed 03/05/23 10:15	Wed 03/05/23 11:15	839	O Thokweng,K Bontsibokae
841		Strip pusher unit & remove valve	3 hrs	Wed 03/05/23 11:15	Wed 03/05/23 14:45	840	O Thokweng,K Bontsibokae
842		Open covers and drain oil	1 hr	Wed 03/05/23 14:45	Wed 03/05/23 15:45	841	O Thokweng,K Bontsibokae
843		Undo mounting bolts& rig out the mechine	1 hr	Wed 03/05/23 15:45	Wed 03/05/23 16:45	842	M_Crane35T,O Thokweng,A Omphile,L Kelapile,O Manere,K Bontsibokae
844		Transport to Turbine hall	0.5 hrs	Wed 03/05/23 16:45	Wed 03/05/23 17:15	843	O Thokweng,K Bontsibokae
845		Remove Inlet Chute, Front Cover Collecting Channel& Scrapers	4.5 hrs	Wed 03/05/23 17:15	Thu 04/05/23 10:15	844	O Thokweng,K Bontsibokae
846		Remove Acceleration Cone, Bolt Distributor& Inspect For Wear	3 hrs	Thu 04/05/23 10:15	Thu 04/05/23 13:45	845	O Thokweng,K Bontsibokae
847		Remove screens and wear rings	1 hr	Thu 04/05/23 13:45	Thu 04/05/23 14:45	846	O Thokweng,K Bontsibokae



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
848		Remove inner basket	2 hrs	Thu 04/05/23 14:45	Thu 04/05/23 16:45	847	O Thokweng,K Bontsibokae
849		Remove outer basket	2 hrs	Thu 04/05/23 16:45	Fri 05/05/23 07:15	848	O Thokweng,K Bontsibokae
850		Remove pusher shaft	1 hr	Fri 05/05/23 07:15	Fri 05/05/23 08:15	849	O Thokweng,K Bontsibokae
851		Remove lybrinth seal	2.5 hrs	Fri 05/05/23 08:15	Fri 05/05/23 10:45	850	O Thokweng,K Bontsibokae
852		Remove hollow shaft and replace bearing	6 hrs	Fri 05/05/23 10:45	Fri 05/05/23 17:15	851	O Thokweng,K Bontsibokae
853		Inspect Seals On Wet End Replace Where Necessary	2 hrs	Fri 05/05/23 17:15	Sat 06/05/23 07:45	852	O Thokweng,K Bontsibokae
854		Undo V-Belt And Replace If Necessary	4 hrs	Sat 06/05/23 07:45	Sat 06/05/23 11:45	853	O Thokweng,K Bontsibokae
855		Inspect Hydraulic Hoses And Replace If Necessary	1 hr	Sat 06/05/23 11:45	Sat 06/05/23 13:15	854	O Thokweng,K Bontsibokae
856		Replace Oil Pump Coupling& Vee Belts	4 hrs	Sat 06/05/23 13:15	Sat 06/05/23 17:15	855	O Thokweng,K Bontsibokae
857		Remove Sieve And Replace If Necessary	8 hrs	Sat 06/05/23 17:15	Sun 07/05/23 14:45	856	O Thokweng,K Bontsibokae
858		Set Pusher Plate Gaps	4 hrs	Sun 07/05/23 14:45	Mon 08/05/23 07:45	857	O Thokweng,K Bontsibokae
859		Replace collecting channel	1 hr	Mon 08/05/23 07:45	Mon 08/05/23 08:45	858	O Thokweng,K Bontsibokae
860		Replace Scraper Wings	4 hrs	Mon 08/05/23 08:45	Mon 08/05/23 13:15	859	O Thokweng,K Bontsibokae
861		Rig in the mechine	1 hr	Mon 08/05/23 13:15	Mon 08/05/23 14:15	860	O Thokweng,A Omphile,L Kelapile,O Manere,K Bontsibokae
862		Install Inlet Chute	6 hrs	Mon 08/05/23 14:15	Tue 09/05/23 09:15	861	O Thokweng,K Bontsibokae
863		Install hood covers	1 hr	Tue 09/05/23 09:15	Tue 09/05/23 10:15	862	O Thokweng,K Bontsibokae
864		Check Pressure Gauge	0 hrs	Tue 09/05/23 10:15	Tue 09/05/23 10:15	863	T Maruping,T Mbangiwa
865		Change With New Oil	4 hrs	Tue 09/05/23 10:15	Tue 09/05/23 14:45	864	O Thokweng,K Bontsibokae
866		Check Cable Glands & Connections	1 hr	Tue 09/05/23 14:45	Tue 09/05/23 15:45	865	K Opelo,T Moalosi
867		Open And Inspect Oil Cooler	2 hrs	Tue 09/05/23 15:45	Tue 09/05/23 17:45	866	T Maruping,T Mbangiwa
868		Check Vibration Monitoring Instrument For Functionality	1 hr	Tue 09/05/23 17:45	Wed 10/05/23 07:45	867	Reliability
869		Cut off bolts	1 hr	Wed 10/05/23 07:45	Wed 10/05/23 08:45	868	K Fanyane,R Selo
870		Remove discharge chute	2 hrs	Wed 10/05/23 08:45	Wed 10/05/23 10:45	869	O Thokweng,A Omphile,L Kelapile,O Manere,K Bontsibokae
871		Modify inlet chute	12 hrs	Wed 10/05/23 10:45	Thu 11/05/23 12:45	870	Fab. Workshop
872		Install chute	4 hrs	Thu 11/05/23 12:45	Thu 11/05/23 16:45	871	A Omphile,L Kelapile,O Manere,O Thokweng,K Bontsibokae
873		Tighten bolts	1 hr	Thu 11/05/23 16:45	Thu 11/05/23 17:45	872	O Thokweng,K Bontsibokae
874		Clear permit	0.25 hrs	Thu 11/05/23 17:45	Thu 11/05/23 18:00	873	A Omphile,L Kelapile,O Manere,O Thokweng,K Bontsibokae
875	26A	BASHSP-0058 - Gantry from Washing to Milling Plant - Replace Grating& Handrails	57.25 hrs	Sat 13/05/23 09:15	Thu 18/05/23 14:30		
876		Carry out risk assessment	0.25 hrs	Sat 13/05/23 09:15	Sat 13/05/23 09:30	612	Operations
877		Fabricate new stainless steel handrails prior	20 hrs	Sat 13/05/23 09:30	Mon 15/05/23 08:30	876	Brown
878		Make out permit	0.25 hrs	Mon 15/05/23 08:30	Mon 15/05/23 08:45	877	Operations
879		Accept permit	0.25 hrs	Mon 15/05/23 08:45	Mon 15/05/23 09:00	878	K Fanyane,R Selo
880		Carry out risk assessment	0.25 hrs	Mon 15/05/23 09:00	Mon 15/05/23 09:15	879	K Fanyane,R Selo
881		Remove worn out grating & handrails	10 hrs	Mon 15/05/23 09:15	Tue 16/05/23 08:45	880	K Fanyane,R Selo
882		Surface preparation	4 hrs	Tue 16/05/23 08:45	Tue 16/05/23 13:15	881	K Fanyane,R Selo
883		Install and tack new handrails and grating	16 hrs	Tue 16/05/23 13:15	Thu 18/05/23 07:45	882	K Fanyane,R Selo
884		Full welding	4 hrs	Thu 18/05/23 07:45	Thu 18/05/23 11:45	883	K Fanyane,R Selo
885		Housekeeping	2 hrs	Thu 18/05/23 11:45	Thu 18/05/23 14:15	884	K Fanyane,R Selo
886		Clear Permit	0.25 hrs	Thu 18/05/23 14:15	Thu 18/05/23 14:30	885	K Fanyane,R Selo
887	26A2GD02	BASHSP-0059 - Coarse Salt Centrifuge - Overhaul	71 hrs	Wed 03/05/23 07:00	Tue 09/05/23 14:00		
888		Make Out Permit	0.25 hrs	Wed 03/05/23 07:00	Wed 03/05/23 07:15	836SS	Operations
889		Accept Permit	0.25 hrs	Wed 03/05/23 07:15	Wed 03/05/23 07:30	888	O Thokweng,K Bontsibokae
890		Carry out risk assessment	0.25 hrs	Wed 03/05/23 07:30	Wed 03/05/23 07:45	889	O Thokweng,K Bontsibokae
891		Disconnect motor	0.5 hrs	Wed 03/05/23 07:45	Wed 03/05/23 08:15	890	K Opelo,T Moalosi
892		Remove guards	0.5 hrs	Wed 03/05/23 08:15	Wed 03/05/23 08:45	891	O Thokweng,K Bontsibokae
893		Remove CSC and transport to workshop	8 hrs	Wed 03/05/23 08:45	Wed 03/05/23 17:15	892	O Thokweng,A Omphile,L Kelapile,O Manere,K Bontsibokae,M_Crane35T
894		Reomove V-belts and Pulleys	1 hr	Wed 03/05/23 17:15	Wed 03/05/23 18:15	893	O Thokweng,K Bontsibokae
895		Remove Basket And Main Shaft For Inspection	12 hrs	Wed 03/05/23 18:15	Fri 05/05/23 07:45	894	O Thokweng,K Bontsibokae
896		Remove old bearings and replace with new ones	6 hrs	Fri 05/05/23 07:45	Fri 05/05/23 14:15	895	O Thokweng,K Bontsibokae
897		Replace Basket	4 hrs	Fri 05/05/23 14:15	Fri 05/05/23 18:15	896	O Thokweng,K Bontsibokae
898		Carry Out Rubber And Tile Repairs In Housing	12 hrs	Fri 05/05/23 18:15	Sun 07/05/23 08:15	897	Contractor
899		Inspect & Adjust Gap On Vibration Rubber (0.6mm)	8 hrs	Sun 07/05/23 08:15	Sun 07/05/23 16:45	898	O Thokweng,K Bontsibokae
900		Replace pulleys and Vee Belts	2 hrs	Sun 07/05/23 16:45	Mon 08/05/23 07:45	899	O Thokweng,K Bontsibokae



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
901		Drain & Flush Out Oil System	1 hr	Mon 08/05/23 07:45	Mon 08/05/23 08:45	900	O Thokweng,K Bontsibokae
902		Top Up With New Oil	1 hr	Mon 08/05/23 08:45	Mon 08/05/23 09:45	901	O Thokweng,K Bontsibokae
903		Install CSC at site	12 hrs	Mon 08/05/23 09:45	Tue 09/05/23 11:15	902	O Thokweng,A Omphile,L Kelapile,O Manere,K Bontsibokae
904		Box Up	1 hr	Tue 09/05/23 11:15	Tue 09/05/23 12:45	903	O Thokweng,K Bontsibokae
905		Tighten bolts	1 hr	Tue 09/05/23 12:45	Tue 09/05/23 13:45	904	O Thokweng,K Bontsibokae
906		Clear Permit	0.25 hrs	Tue 09/05/23 13:45	Tue 09/05/23 14:00	905	O Thokweng,K Bontsibokae
907	26A2ST01	BASHSP-0060 - Washing Plant Sructure - CSC Support Steel Structures	26 hrs	Sat 13/05/23 09:15	Mon 15/05/23 14:45		
908		Make Out Permit	0.25 hrs	Sat 13/05/23 09:15	Sat 13/05/23 09:30	876SS	Operations
909		Accept Permit	0.25 hrs	Sat 13/05/23 09:30	Sat 13/05/23 09:45	908	K Fanyane,R Selo
910		Carry out risk assessment	0.25 hrs	Sat 13/05/23 09:45	Sat 13/05/23 10:00	909	K Fanyane,R Selo
911		Remove CSC complete	7 hrs	Sat 13/05/23 10:00	Sat 13/05/23 17:30	910	K Fanyane,R Selo
912		Undo bolts and rig out the platform	3 hrs	Sat 13/05/23 17:30	Sun 14/05/23 09:30	911	K Fanyane,R Selo
913		Transport the platform to sandblasting area	0.5 hrs	Sun 14/05/23 09:30	Sun 14/05/23 10:00	912	K Fanyane,R Selo
914		sandblast and paint the platform	12 hrs	Sun 14/05/23 10:00	Mon 15/05/23 11:30	913	K Fanyane,R Selo
915		Transport to site	0.5 hrs	Mon 15/05/23 11:30	Mon 15/05/23 12:00	914	K Fanyane,R Selo
916		Rig in the platform & secure	2 hrs	Mon 15/05/23 12:30	Mon 15/05/23 14:30	915	A Omphile,L Kelapile,O Manere,K Fanyane,R Selo
917		Clear Permit	0.25 hrs	Mon 15/05/23 14:30	Mon 15/05/23 14:45	916	K Fanyane,R Selo
918	26A2GN02	BASHSP-0061 - Washed Salt Screen - Overhaul	165 hrs	Thu 04/05/23 13:30	Sat 20/05/23 09:00		
919		Make Out Permit	0.25 hrs	Thu 04/05/23 13:30	Thu 04/05/23 13:45	492SS	Operations
920		Accept Permit	0.25 hrs	Thu 04/05/23 13:45	Thu 04/05/23 14:00	919	O Thokweng,K Fanyane,R Selo,K Bontsibokae
921		Carry out risk assessment	0.25 hrs	Thu 04/05/23 14:00	Thu 04/05/23 14:15	920	O Thokweng,K Fanyane,R Selo,K Bontsibokae
922		Clean Screen (Inlet And Panels)	2.5 hrs	Thu 04/05/23 14:15	Thu 04/05/23 16:45	921	Operations
923		Remove feed chute	2 hrs	Thu 04/05/23 16:45	Fri 05/05/23 07:15	922	O Thokweng,K Fanyane,R Selo,K Bontsibokae
924		Remove wash water pipes and its support structure	2 hrs	Fri 05/05/23 07:15	Fri 05/05/23 09:15	923	O Thokweng,K Fanyane,R Selo,K Bontsibokae
925		Uncouple and remove universal shaft	1 hr	Fri 05/05/23 09:15	Fri 05/05/23 10:15	924	O Thokweng,K Fanyane,R Selo,K Bontsibokae
926		Rig out the screen for overhaul	2 hrs	Fri 05/05/23 10:15	Fri 05/05/23 12:45	925	O Thokweng,A Omphile,L Kelapile,O Manere,K Bontsibokae,M_Crane35T
927		Transport to workshop	0.5 hrs	Fri 05/05/23 12:45	Fri 05/05/23 13:15	926	O Thokweng,K Bontsibokae
928		Remove All Panels & All Nut Cup Holders	16 hrs	Fri 05/05/23 13:15	Sun 07/05/23 07:15	927	O Thokweng,K Fanyane,R Selo,K Bontsibokae
929		Make Angle Iron Support	4 hrs	Sun 07/05/23 07:15	Sun 07/05/23 11:15	928	K Fanyane,R Selo
930		Weld 6mm Flat Bar To Side Angle Iron Both Sides.	6 hrs	Sun 07/05/23 11:15	Sun 07/05/23 17:45	929	K Fanyane,R Selo
931		Fit New Nut Cup Holders	12 hrs	Sun 07/05/23 17:45	Tue 09/05/23 08:15	930	O Thokweng,K Bontsibokae
932		Replace Side Panels And Defective Screen Panels	24 hrs	Tue 09/05/23 08:15	Thu 11/05/23 11:15	931	O Thokweng,K Bontsibokae
933		Sandblast & paint sceen Side Platels	24 hrs	Thu 11/05/23 11:15	Sat 13/05/23 14:45	932	Sandblaster,Painter
934		Allow curing time	6 hrs	Sat 13/05/23 14:45	Sun 14/05/23 09:45	933	Sandblaster,Painter
935		Replace Drive Unit Bearings	4 hrs	Sun 14/05/23 09:45	Sun 14/05/23 14:15	934	O Thokweng,K Bontsibokae
936		Lubricate Universal Joints 2 Off& Replace Vee Belts	4 hrs	Sun 14/05/23 14:15	Mon 15/05/23 07:15	935	O Thokweng,K Bontsibokae
937		Replace 3 Off Spray Water Valves	4 hrs	Mon 15/05/23 07:15	Mon 15/05/23 11:15	936	O Thokweng,K Bontsibokae
938		Inspect& Lubricate Vibrating Mechanisms And Drive	4 hrs	Mon 15/05/23 11:15	Mon 15/05/23 15:45	937	O Thokweng,K Bontsibokae
939		Reseal Exciter Leaks	8 hrs	Mon 15/05/23 15:45	Tue 16/05/23 13:15	938	O Thokweng,K Bontsibokae
940		Rig in the screen after overhaul	12 hrs	Tue 16/05/23 13:15	Wed 17/05/23 14:45	939	O Thokweng,A Omphile,L Kelapile,O Manere,K Bontsibokae,M_Crane35T
941		Remove Distribution Feed Chute	12 hrs	Wed 17/05/23 14:45	Thu 18/05/23 16:15	940	M_Crane35T,O Thokweng,K Bontsibokae,A Omphile,O Manere
942		Repair Leaks On Distribution Feed Chute	8 hrs	Thu 18/05/23 16:15	Fri 19/05/23 13:45	941	O Thokweng,K Bontsibokae
943		Remove Scaffold	1 hr	Fri 19/05/23 13:45	Fri 19/05/23 14:45	942	RSC
944		Replace Buffer Rubbers (With New) 8 Off	5 hrs	Fri 19/05/23 14:45	Sat 20/05/23 08:45	943	M_Crane35T,O Thokweng,K Bontsibokae
945		Clear Permit	0.25 hrs	Sat 20/05/23 08:45	Sat 20/05/23 09:00	944	O Thokweng,K Fanyane,R Selo,K Bontsibokae
946		BASHSP-0062 - GN02 Spray Water Line - Install GN02 line	37.75 hrs	Sat 13/05/23 09:15	Tue 16/05/23 16:00		
947		Transport pipes to site (prior)	0 hrs	Sat 13/05/23 09:15	Sat 13/05/23 09:15	908SS	K Fanyane,R Selo,Fitter
948		Issue Permit To Work	0.25 hrs	Sat 13/05/23 09:15	Sat 13/05/23 09:30	947	
949		Accept permit	0.25 hrs	Sat 13/05/23 09:15	Sat 13/05/23 09:30	947	K Fanyane,R Selo
950		Carry out risk assessment	0.25 hrs	Sat 13/05/23 09:30	Sat 13/05/23 09:45	949	All
951		Cut out old pipes	6 hrs	Sat 13/05/23 09:45	Sat 13/05/23 16:15	950	K Fanyane,R Selo
952		Punch bolts studs	4 hrs	Sat 13/05/23 16:15	Sun 14/05/23 09:15	951	K Fanyane,R Selo
953		Rig out old pipes	4 hrs	Sun 14/05/23 09:15	Sun 14/05/23 13:45	952	A Omphile,K Bontsibokae,O Manere,M_Crane35T



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
954		Rig in new pipes	4 hrs	Sun 14/05/23 13:45	Sun 14/05/23 17:45	953	A Omphile,K Bontsibokae,O Manere,M_Crane35T
955		Position/align & bolt up pipes	10 hrs	Sun 14/05/23 17:45	Mon 15/05/23 17:15	954	K Fanyane,R Seloι,Fitter
956		Secure pipes on the rack	4 hrs	Mon 15/05/23 17:15	Tue 16/05/23 10:15	955	K Fanyane,R Seloι
957		Test for leaks	2 hrs	Tue 16/05/23 10:15	Tue 16/05/23 12:45	956	Fitter
958		Quality check	1 hr	Tue 16/05/23 12:45	Tue 16/05/23 13:45	957	Foreman
959		Housekeeping	2 hrs	Tue 16/05/23 13:45	Tue 16/05/23 15:45	958	All
960		Clear permit	0.25 hrs	Tue 16/05/23 15:45	Tue 16/05/23 16:00	959	Ops
961	26A2FB04	BASHSP-0063 - Screen Tank - Repair Leaks And Replace Abrasive Protection Glasslining	201 hrs	Wed 03/05/23 07:00	Sun 21/05/23 18:00		
962		Drain	2 hrs	Wed 03/05/23 07:00	Wed 03/05/23 09:00	6	Operations
963		Make vessel entry permit	0.25 hrs	Sun 07/05/23 07:00	Sun 07/05/23 07:15	962,762FS-1	Operations
964		Accept vessel entry permit	0.25 hrs	Sun 07/05/23 07:15	Sun 07/05/23 07:30	963	A Omphile,L Kelapile,O Manere,K Fanyane,R Seloι,M_Crane30T
965		Carry out risk assessment	0.25 hrs	Sun 07/05/23 07:30	Sun 07/05/23 07:45	964	A Omphile,L Kelapile,O Manere,K Fanyane,R Seloι,M_Crane30T
966		Remove manhole cover	4 hrs	Sun 07/05/23 07:45	Sun 07/05/23 11:45	965	O Thokweng,K Bontsibokae
967		Remove Suction piece and make a new pipe& flange with Stainless steel	16 hrs	Sun 07/05/23 11:45	Mon 08/05/23 17:45	966	A Omphile,L Kelapile,O Manere,K Fanyane,R Seloι,M_Crane30T
968		Remove drain pipe	1 hr	Sun 07/05/23 11:45	Sun 07/05/23 13:15	967SS	A Omphile,L Kelapile,O Manere,K Fanyane,R Seloι,M_Crane30T
969		Carry out gas test (every 8hrs)	0.5 hrs	Sun 07/05/23 13:15	Sun 07/05/23 13:45	968	Laboratory
970		Clean inside tank	4 hrs	Sun 07/05/23 13:45	Sun 07/05/23 17:45	969	Operations
971		Erect scaffold (inside)	8 hrs	Sun 07/05/23 17:45	Mon 08/05/23 15:15	970	RSC
972		Remove SS sheets	16 hrs	Mon 08/05/23 15:15	Wed 10/05/23 09:45	971	K Fanyane,R Seloι
973		Sandblasting	36 hrs	Wed 10/05/23 09:45	Sat 13/05/23 14:45	972	Sandblaster,Painter
974		Repair leaking areas	36 hrs	Sat 13/05/23 14:45	Wed 17/05/23 08:15	973	K Fanyane,R Seloι
975		Install diverter plates	8 hrs	Wed 17/05/23 08:15	Wed 17/05/23 16:45	974	K Fanyane,R Seloι
976		Glasslining	36 hrs	Wed 17/05/23 08:15	Sat 20/05/23 13:15	975SS	Aesseal
977		Curing time	12 hrs	Sat 20/05/23 13:15	Sun 21/05/23 14:45	976	Aesseal
978		Remove scaffolding	6 hrs	Sun 21/05/23 08:15	Sun 21/05/23 14:45	977FF	RSC
979		Replace manhole cover	1 hr	Sun 21/05/23 14:45	Sun 21/05/23 15:45	978	O Thokweng,K Bontsibokae
980		Install drain pipe	2 hrs	Sun 21/05/23 15:45	Sun 21/05/23 17:45	979	A Omphile,L Kelapile,O Manere,K Fanyane,R Seloι,M_Crane30T
981		Clear vessel entry permit	0.25 hrs	Sun 21/05/23 17:45	Sun 21/05/23 18:00	980	A Omphile,L Kelapile,O Manere,K Fanyane,R Seloι,M_Crane30T
982	26A2ST01	BASHSP-0064 - Washing Plant Structure - Support Steel Structures	173 hrs	Thu 04/05/23 13:30	Sat 20/05/23 17:30		
983		Make Out Permit	0.25 hrs	Thu 04/05/23 13:30	Thu 04/05/23 13:45	492SS	Operations
984		Accept Permit	0.25 hrs	Thu 04/05/23 13:45	Thu 04/05/23 14:00	983	Sandblaster
985		Carry out risk assessment	0.25 hrs	Thu 04/05/23 14:00	Thu 04/05/23 14:15	984	Sandblaster
986		Barricade to contain grits	10 hrs	Thu 04/05/23 14:15	Fri 05/05/23 13:15	985	Sandblaster
987		Blasting & Repair when necessary	150 hrs	Fri 05/05/23 13:15	Fri 19/05/23 15:45	986	Sandblaster
988		Painting	140 hrs	Sun 07/05/23 13:45	Sat 20/05/23 17:15	987FF+12 hr	Sandblaster
989		Clear Permit	0.25 hrs	Sat 20/05/23 17:15	Sat 20/05/23 17:30	988	Sandblaster
990	26A2GN03	BASHSP-0065 - Fines Screen - Overhaul screen	29 hrs	Sun 07/05/23 07:00	Tue 09/05/23 15:30		
991		Make Out Permit	0.25 hrs	Sun 07/05/23 07:00	Sun 07/05/23 07:15	963SS	Operations
992		Accept Permit	0.25 hrs	Sun 07/05/23 07:15	Sun 07/05/23 07:30	991	O Thokweng,K Bontsibokae
993		Carry out risk assessment	0.25 hrs	Sun 07/05/23 07:30	Sun 07/05/23 07:45	992	O Thokweng,K Bontsibokae
994		Remove & Inspect Inlet To The Screen &Repair	12 hrs	Sun 07/05/23 07:45	Mon 08/05/23 09:15	993	O Thokweng,K Bontsibokae
995		Install Inlet To Screen After Repairs	4 hrs	Mon 08/05/23 09:15	Mon 08/05/23 13:45	994	O Thokweng,K Bontsibokae
996		Remove & Turn Screen Sieve	4 hrs	Mon 08/05/23 13:45	Mon 08/05/23 17:45	995	O Thokweng,K Bontsibokae
997		Overhaul Bearing Assembly	6 hrs	Mon 08/05/23 17:45	Tue 09/05/23 13:15	996	O Thokweng,K Bontsibokae
998		Box Up	2 hrs	Tue 09/05/23 13:15	Tue 09/05/23 15:15	997	O Thokweng,K Bontsibokae
999		Clear Permits	0.25 hrs	Tue 09/05/23 15:15	Tue 09/05/23 15:30	998	O Thokweng,K Bontsibokae
1000	26A2EA01	BASHSP-0066 - Brine Heater - Carry Out Inspection	58.25 hrs	Sun 07/05/23 07:00	Fri 12/05/23 13:15		
1001		Make Out Permit	0.25 hrs	Sun 07/05/23 07:00	Sun 07/05/23 07:15	291SS	Operations
1002		Accept Permit	0.25 hrs	Sun 07/05/23 07:15	Sun 07/05/23 07:30	1001	O Thokweng,K Bontsibokae
1003		Carry out risk assessment	0.25 hrs	Sun 07/05/23 07:30	Sun 07/05/23 07:45	1002	O Thokweng,K Bontsibokae
1004		Remove Manual Valves	6 hrs	Sun 07/05/23 07:45	Sun 07/05/23 14:15	1003	O Thokweng,K Bontsibokae
1005		Open and inspect non-return valves	8 hrs	Sun 07/05/23 14:15	Mon 08/05/23 11:15	1004	O Thokweng,K Bontsibokae
1006		Undo inlet and outlet pipes bolts	6 hrs	Mon 08/05/23 11:15	Mon 08/05/23 17:45	1005	O Thokweng,K Bontsibokae



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
1007		Remove mounting bolts	2 hrs	Mon 08/05/23 17:45	Tue 09/05/23 08:45	1006	O Thokweng,K Bontsibokae
1008		Remove and replace pack	6 hrs	Tue 09/05/23 08:45	Tue 09/05/23 15:15	1007	O Thokweng,K Bontsibokae,A Omphile,L Kelapile,M_Crane35T,O Manere
1009		Tighten mounting bolts	2 hrs	Tue 09/05/23 15:15	Tue 09/05/23 17:15	1008	O Thokweng,K Bontsibokae
1010		Connect inlet and outlet pipes	6 hrs	Tue 09/05/23 17:15	Wed 10/05/23 12:45	1009	O Thokweng,K Bontsibokae
1011		Remove and replace steam valve	12 hrs	Wed 10/05/23 12:45	Thu 11/05/23 14:15	1010	O Thokweng,K Bontsibokae
1012		Install Manual Valves	6 hrs	Thu 11/05/23 14:15	Fri 12/05/23 09:15	1011	O Thokweng,K Bontsibokae
1013		Check Pressure Gauge	0.25 hrs	Fri 12/05/23 09:15	Fri 12/05/23 09:30	1012	T Maruping,T Mbangiwa
1014		Check Conductivity Meters	3 hrs	Fri 12/05/23 09:30	Fri 12/05/23 13:00	1013	T Maruping,T Mbangiwa
1015		Clear Permit	0.25 hrs	Fri 12/05/23 13:00	Fri 12/05/23 13:15	1014	O Thokweng,K Bontsibokae
1016		BASHSP-0067 - Milling Lake Water Pipe - Install lake water pipe	148.75 hrs	Wed 03/05/23 06:30	Wed 17/05/23 07:15		
1017		Transport pipes to site (prior)	0 hrs	Wed 03/05/23 06:30	Wed 03/05/23 06:30	6	K Fanyane,R Seloi,Fitter
1018		Issue Permit To Work	0.25 hrs	Sat 13/05/23 09:15	Sat 13/05/23 09:30	1017,948SS	
1019		Accept permit	0.25 hrs	Sat 13/05/23 09:30	Sat 13/05/23 09:45	1018	K Fanyane,R Seloi
1020		Carry out risk assessment	0.25 hrs	Sat 13/05/23 09:45	Sat 13/05/23 10:00	1019	All
1021		Cut out old pipes	6 hrs	Sat 13/05/23 10:00	Sat 13/05/23 16:30	1020	K Fanyane,R Seloi
1022		Punch bolts studs	2 hrs	Sat 13/05/23 16:30	Sun 14/05/23 07:30	1021	K Fanyane,R Seloi
1023		Rig out old pipes	6 hrs	Sun 14/05/23 07:30	Sun 14/05/23 14:00	1022	A Omphile,K Bontsibokae,O Manere
1024		Rig in new pipes	8 hrs	Sun 14/05/23 14:00	Mon 15/05/23 11:00	1023	A Omphile,K Bontsibokae,O Manere
1025		Position/align & bolt up pipes	12 hrs	Mon 15/05/23 11:00	Tue 16/05/23 13:00	1024	K Fanyane,R Seloi,Fitter
1026		Test for leaks	2 hrs	Tue 16/05/23 13:00	Tue 16/05/23 15:00	1025	Fitter
1027		Quality check	1 hr	Tue 16/05/23 15:00	Tue 16/05/23 16:00	1026	Foreman
1028		Housekeeping	2 hrs	Tue 16/05/23 16:00	Tue 16/05/23 18:00	1027	All
1029		Clear permit	0.25 hrs	Wed 17/05/23 07:00	Wed 17/05/23 07:15	1028	Ops
1030		ELECTRICAL	86 hrs	Thu 04/05/23 16:30	Fri 12/05/23 17:30		
1031	26A2GA01	BASHSP-0069 - Primary Cyclone Pump - Carry Out Maintenance On Electrical Components	12.5 hrs	Sat 06/05/23 14:15	Sun 07/05/23 16:15		
1032		Make Out Permit	0.25 hrs	Sat 06/05/23 14:15	Sat 06/05/23 14:30	770SS	Operations
1033		Accept Permit	0.25 hrs	Sat 06/05/23 14:30	Sat 06/05/23 14:45	1032	K Opelo,T Moalosi
1034		Carry out risk assessment	0.25 hrs	Sat 06/05/23 14:45	Sat 06/05/23 15:00	1033	K Opelo,T Moalosi
1035		Isolate NE 19	1.25 hrs	Sat 06/05/23 15:00	Sat 06/05/23 16:15	1034	K Opelo,T Moalosi
1036		Mount New Isolator	1.5 hrs	Sat 06/05/23 16:15	Sat 06/05/23 17:45	1035	K Opelo,T Moalosi
1037		Disconnect all isolator connections	0.25 hrs	Sat 06/05/23 17:45	Sat 06/05/23 18:00	1036	K Opelo,T Moalosi
1038		Unmount and remove the existing isolator	0.25 hrs	Sun 07/05/23 07:00	Sun 07/05/23 07:15	1037	K Opelo,T Moalosi
1039		Mark new mounting hole	0.25 hrs	Sun 07/05/23 07:15	Sun 07/05/23 07:30	1038	K Opelo,T Moalosi
1040		Drill new mounting hole	0.25 hrs	Sun 07/05/23 07:30	Sun 07/05/23 07:45	1039	K Opelo,T Moalosi
1041		Rivert new mounting nuts	0.25 hrs	Sun 07/05/23 07:45	Sun 07/05/23 08:00	1040	K Opelo,T Moalosi
1042		Position new isolator	0.25 hrs	Sun 07/05/23 08:00	Sun 07/05/23 08:15	1041	K Opelo,T Moalosi
1043		Energise NE19	2 hrs	Sun 07/05/23 08:15	Sun 07/05/23 10:15	1042	K Opelo,T Moalosi
1044		Remove Panel door	0.25 hrs	Sun 07/05/23 10:15	Sun 07/05/23 10:30	1043	K Opelo,T Moalosi
1045		Drill new handle holes	0.25 hrs	Sun 07/05/23 10:30	Sun 07/05/23 10:45	1044	K Opelo,T Moalosi
1046		Install junction box	1 hr	Sun 07/05/23 10:45	Sun 07/05/23 11:45	1045	K Opelo,T Moalosi
1047		Put back the door	0.25 hrs	Sun 07/05/23 11:45	Sun 07/05/23 12:00	1046	K Opelo,T Moalosi
1048		Position isolator handle and rod	0.25 hrs	Sun 07/05/23 12:30	Sun 07/05/23 12:45	1047	K Opelo,T Moalosi
1049		connet electrical cables	0.25 hrs	Sun 07/05/23 12:45	Sun 07/05/23 13:00	1048	K Opelo,T Moalosi
1050		Isolate board NE19	0.25 hrs	Sun 07/05/23 13:00	Sun 07/05/23 13:15	1049	K Opelo,T Moalosi
1051		Terminate isolator connection	0.25 hrs	Sun 07/05/23 13:15	Sun 07/05/23 13:30	1050	K Opelo,T Moalosi
1052		Energise board NE 19	0.25 hrs	Sun 07/05/23 13:30	Sun 07/05/23 13:45	1051	K Opelo,T Moalosi
1053		Check Loose Connections In The Panel	0.25 hrs	Sun 07/05/23 13:45	Sun 07/05/23 14:00	1052	K Opelo,T Moalosi
1054		Service Panel Components& Clear Dust	0.25 hrs	Sun 07/05/23 14:00	Sun 07/05/23 14:15	1053	K Opelo,T Moalosi
1055		Service Stop/Start	0.25 hrs	Sun 07/05/23 14:15	Sun 07/05/23 14:30	1054	K Opelo,T Moalosi
1056		Check Motor Fan Condition	0.25 hrs	Sun 07/05/23 14:30	Sun 07/05/23 14:45	1055	K Opelo,T Moalosi
1057		Check Cable Terminal Leads For Over Heating	0.25 hrs	Sun 07/05/23 14:45	Sun 07/05/23 15:00	1056	K Opelo,T Moalosi
1058		Tighten Motor Connections& Gland Integrity	0.25 hrs	Sun 07/05/23 15:00	Sun 07/05/23 15:15	1057	K Opelo,T Moalosi
1059		Seal For Moisture And Dust.	0.25 hrs	Sun 07/05/23 15:15	Sun 07/05/23 15:30	1058	K Opelo,T Moalosi



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
1060		Confirm Correct Protection Settings	0.25 hrs	Sun 07/05/23 15:30	Sun 07/05/23 15:45	1059	K Opelo,T Moalosi
1061		Carryout final inspection	0.25 hrs	Sun 07/05/23 15:45	Sun 07/05/23 16:00	1060	K Opelo,T Moalosi
1062		Clear Permit	0.25 hrs	Sun 07/05/23 16:00	Sun 07/05/23 16:15	1061	K Opelo,T Moalosi
1063	26A2GA03	BASHSP-0070 - Secondary Cyclone Pump - Carry Out Maintenance On Electrical Components	11.75 hrs	Sat 06/05/23 14:30	Sun 07/05/23 15:45		
1064		Make Out Permit	0.25 hrs	Sat 06/05/23 14:30	Sat 06/05/23 14:45	787	Operations
1065		Accept Permit	0.25 hrs	Sat 06/05/23 14:45	Sat 06/05/23 15:00	1064	K Opelo,T Moalosi
1066		Carry out risk assessment	0.25 hrs	Sat 06/05/23 15:00	Sat 06/05/23 15:15	1065	K Opelo,T Moalosi
1067		Isolate NE 19	0.25 hrs	Sat 06/05/23 15:15	Sat 06/05/23 15:30	1066	K Opelo,T Moalosi
1068		Mount New Isolator	2.5 hrs	Sat 06/05/23 15:30	Sat 06/05/23 18:00	1067	K Opelo,T Moalosi
1069		Disconnect all isolator connections	0.25 hrs	Sun 07/05/23 07:00	Sun 07/05/23 07:15	1068	K Opelo,T Moalosi
1070		Unmount and remove the existing isolator	0.25 hrs	Sun 07/05/23 07:15	Sun 07/05/23 07:30	1069	K Opelo,T Moalosi
1071		Mark new mounting hole	0.25 hrs	Sun 07/05/23 07:30	Sun 07/05/23 07:45	1070	K Opelo,T Moalosi
1072		Drill new mounting hole	0.25 hrs	Sun 07/05/23 07:45	Sun 07/05/23 08:00	1071	K Opelo,T Moalosi
1073		Install junction box	1 hr	Sun 07/05/23 08:00	Sun 07/05/23 09:00	1072	
1074		Rivert new mounting nuts	0.25 hrs	Sun 07/05/23 09:00	Sun 07/05/23 09:15	1073	K Opelo,T Moalosi
1075		Position new isolator	0.25 hrs	Sun 07/05/23 09:15	Sun 07/05/23 09:30	1074	K Opelo,T Moalosi
1076		Energise NE19	1.25 hrs	Sun 07/05/23 09:30	Sun 07/05/23 10:45	1075	K Opelo,T Moalosi
1077		Remove Panel door	0.25 hrs	Sun 07/05/23 10:45	Sun 07/05/23 11:00	1076	K Opelo,T Moalosi
1078		Drill new handle holes	0.25 hrs	Sun 07/05/23 11:00	Sun 07/05/23 11:15	1077	K Opelo,T Moalosi
1079		Put back the door	0.25 hrs	Sun 07/05/23 11:15	Sun 07/05/23 11:30	1078	K Opelo,T Moalosi
1080		Position isolator handle and rod	0.25 hrs	Sun 07/05/23 11:30	Sun 07/05/23 11:45	1079	K Opelo,T Moalosi
1081		connet electrical cables	0.25 hrs	Sun 07/05/23 11:45	Sun 07/05/23 12:00	1080	K Opelo,T Moalosi
1082		Isolate board NE19	0.25 hrs	Sun 07/05/23 12:30	Sun 07/05/23 12:45	1081	K Opelo,T Moalosi
1083		Terminate isolator connection	0.25 hrs	Sun 07/05/23 12:45	Sun 07/05/23 13:00	1082	K Opelo,T Moalosi
1084		Energise board NE 19	0.25 hrs	Sun 07/05/23 13:00	Sun 07/05/23 13:15	1083	K Opelo,T Moalosi
1085		Check Loose Connections In The Panel	0.25 hrs	Sun 07/05/23 13:15	Sun 07/05/23 13:30	1084	K Opelo,T Moalosi
1086		Service Panel Components& Clear Dust	0.25 hrs	Sun 07/05/23 13:30	Sun 07/05/23 13:45	1085	K Opelo,T Moalosi
1087		Service Stop/Start	0.25 hrs	Sun 07/05/23 13:45	Sun 07/05/23 14:00	1086	K Opelo,T Moalosi
1088		Check Motor Fan Condition	0.25 hrs	Sun 07/05/23 14:00	Sun 07/05/23 14:15	1087	K Opelo,T Moalosi
1089		Check Cable Terminal Leads For Over Heating	0.25 hrs	Sun 07/05/23 14:15	Sun 07/05/23 14:30	1088	K Opelo,T Moalosi
1090		Tighten Motor Connections& Gland Integrity	0.25 hrs	Sun 07/05/23 14:30	Sun 07/05/23 14:45	1089	K Opelo,T Moalosi
1091		Seal For Moisture And Dust.	0.25 hrs	Sun 07/05/23 14:45	Sun 07/05/23 15:00	1090	K Opelo,T Moalosi
1092		Confirm Correct Protection Settings	0.25 hrs	Sun 07/05/23 15:00	Sun 07/05/23 15:15	1091	K Opelo,T Moalosi
1093		Carryout final inspection	0.25 hrs	Sun 07/05/23 15:15	Sun 07/05/23 15:30	1092	K Opelo,T Moalosi
1094		Clear Permit	0.25 hrs	Sun 07/05/23 15:30	Sun 07/05/23 15:45	1093	K Opelo,T Moalosi
1095	26A2GA04	BASHSP-0071 - Washed Salt Screen Pump - Carry Out Maintenance On Electrical Components	11.75 hrs	Sat 06/05/23 14:30	Sun 07/05/23 15:45		
1096		Make Out Permit	0.25 hrs	Sat 06/05/23 14:30	Sat 06/05/23 14:45	819	K Opelo,T Moalosi
1097		Accept Permit	0.25 hrs	Sat 06/05/23 14:45	Sat 06/05/23 15:00	1096	K Opelo,T Moalosi
1098		Carry out risk assessment	0.25 hrs	Sat 06/05/23 15:00	Sat 06/05/23 15:15	1097	K Opelo,T Moalosi
1099		Isolate NE 19	0.25 hrs	Sat 06/05/23 15:15	Sat 06/05/23 15:30	1098	K Opelo,T Moalosi
1100		Mount New Isolator	2.5 hrs	Sat 06/05/23 15:30	Sat 06/05/23 18:00	1099	K Opelo,T Moalosi
1101		Disconnect all isolator connections	0.25 hrs	Sun 07/05/23 07:00	Sun 07/05/23 07:15	1100	K Opelo,T Moalosi
1102		Unmount and remove the existing isolator	0.25 hrs	Sun 07/05/23 07:15	Sun 07/05/23 07:30	1101	K Opelo,T Moalosi
1103		Mark new mounting hole	0.25 hrs	Sun 07/05/23 07:30	Sun 07/05/23 07:45	1102	K Opelo,T Moalosi
1104		Drill new mounting hole	0.25 hrs	Sun 07/05/23 07:45	Sun 07/05/23 08:00	1103	K Opelo,T Moalosi
1105		Install junction box	1 hr	Sun 07/05/23 08:00	Sun 07/05/23 09:00	1104	
1106		Rivert new mounting nuts	0.25 hrs	Sun 07/05/23 09:00	Sun 07/05/23 09:15	1105	K Opelo,T Moalosi
1107		Position new isolator	0.25 hrs	Sun 07/05/23 09:15	Sun 07/05/23 09:30	1106	K Opelo,T Moalosi
1108		Energise NE19	1.25 hrs	Sun 07/05/23 09:30	Sun 07/05/23 10:45	1107	K Opelo,T Moalosi
1109		Remove Panel door	0.25 hrs	Sun 07/05/23 10:45	Sun 07/05/23 11:00	1108	K Opelo,T Moalosi
1110		Drill new handle holes	0.25 hrs	Sun 07/05/23 11:00	Sun 07/05/23 11:15	1109	K Opelo,T Moalosi



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
1111		Put back the door	0.25 hrs	Sun 07/05/23 11:15	Sun 07/05/23 11:30	1110	K Opelo,T Moalosi
1112		Position isolator handle and rod	0.25 hrs	Sun 07/05/23 11:30	Sun 07/05/23 11:45	1111	K Opelo,T Moalosi
1113		connet electrical cables	0.25 hrs	Sun 07/05/23 11:45	Sun 07/05/23 12:00	1112	K Opelo,T Moalosi
1114		Isolate board NE19	0.25 hrs	Sun 07/05/23 12:30	Sun 07/05/23 12:45	1113	K Opelo,T Moalosi
1115		Terminate isolator connection	0.25 hrs	Sun 07/05/23 12:45	Sun 07/05/23 13:00	1114	K Opelo,T Moalosi
1116		Energise board NE 19	0.25 hrs	Sun 07/05/23 13:00	Sun 07/05/23 13:15	1115	K Opelo,T Moalosi
1117		Check Loose Connections In The Panel	0.25 hrs	Sun 07/05/23 13:15	Sun 07/05/23 13:30	1116	K Opelo,T Moalosi
1118		Service Panel Components& Clear Dust	0.25 hrs	Sun 07/05/23 13:30	Sun 07/05/23 13:45	1117	K Opelo,T Moalosi
1119		Service Stop/Start	0.25 hrs	Sun 07/05/23 13:45	Sun 07/05/23 14:00	1118	K Opelo,T Moalosi
1120		Check Motor Fan Condition	0.25 hrs	Sun 07/05/23 14:00	Sun 07/05/23 14:15	1119	K Opelo,T Moalosi
1121		Check Cable Terminal Leads For Over Heating	0.25 hrs	Sun 07/05/23 14:15	Sun 07/05/23 14:30	1120	K Opelo,T Moalosi
1122		Tighten Motor Connections& Gland Integrity	0.25 hrs	Sun 07/05/23 14:30	Sun 07/05/23 14:45	1121	K Opelo,T Moalosi
1123		Seal For Moisture And Dust.	0.25 hrs	Sun 07/05/23 14:45	Sun 07/05/23 15:00	1122	K Opelo,T Moalosi
1124		Confirm Correct Protection Settings	0.25 hrs	Sun 07/05/23 15:00	Sun 07/05/23 15:15	1123	K Opelo,T Moalosi
1125		Carryout final inspection	0.25 hrs	Sun 07/05/23 15:15	Sun 07/05/23 15:30	1124	K Opelo,T Moalosi
1126		Clear Permit	0.25 hrs	Sun 07/05/23 15:30	Sun 07/05/23 15:45	1125	K Opelo,T Moalosi
1127	26A2GA05	BASHSP-0072 - Tertiary Cyclone Pump - Carry Out Maintenance On Electrical Components	8.5 hrs	Sat 06/05/23 14:30	Sun 07/05/23 12:00		
1128		Make Out Permit	0.25 hrs	Sat 06/05/23 14:30	Sat 06/05/23 14:45	804	Operations
1129		Accept Permit	0.25 hrs	Sat 06/05/23 14:45	Sat 06/05/23 15:00	1128	K Opelo,T Moalosi
1130		Carry out risk assessment	0.25 hrs	Sat 06/05/23 15:00	Sat 06/05/23 15:15	1129	K Opelo,T Moalosi
1131		Isolate NE 19	0.25 hrs	Sat 06/05/23 15:15	Sat 06/05/23 15:30	1130	K Opelo,T Moalosi
1132		Mount New Isolator	0.25 hrs	Sat 06/05/23 15:30	Sat 06/05/23 15:45	1131	K Opelo,T Moalosi
1133		Disconnect all isolator connections	0.25 hrs	Sat 06/05/23 15:45	Sat 06/05/23 16:00	1132	K Opelo,T Moalosi
1134		Unmount and remove the existing isolator	0.25 hrs	Sat 06/05/23 16:00	Sat 06/05/23 16:15	1133	K Opelo,T Moalosi
1135		Mark new mounting hole	0.25 hrs	Sat 06/05/23 16:15	Sat 06/05/23 16:30	1134	K Opelo,T Moalosi
1136		Drill new mounting hole	0.25 hrs	Sat 06/05/23 16:30	Sat 06/05/23 16:45	1135	K Opelo,T Moalosi
1137		Rivert new mounting nuts	0.25 hrs	Sat 06/05/23 16:45	Sat 06/05/23 17:00	1136	K Opelo,T Moalosi
1138		Position new isolator	0.25 hrs	Sat 06/05/23 17:00	Sat 06/05/23 17:15	1137	K Opelo,T Moalosi
1139		Energise NE19	0.25 hrs	Sat 06/05/23 17:15	Sat 06/05/23 17:30	1138	K Opelo,T Moalosi
1140		Remove Panel door	0.25 hrs	Sat 06/05/23 17:30	Sat 06/05/23 17:45	1139	K Opelo,T Moalosi
1141		Drill new handle holes	0.25 hrs	Sat 06/05/23 17:45	Sat 06/05/23 18:00	1140	K Opelo,T Moalosi
1142		Put back the door	0.25 hrs	Sun 07/05/23 07:00	Sun 07/05/23 07:15	1141	K Opelo,T Moalosi
1143		Position isolator handle and rod	0.25 hrs	Sun 07/05/23 07:15	Sun 07/05/23 07:30	1142	K Opelo,T Moalosi
1144		connet electrical cables	0.25 hrs	Sun 07/05/23 07:30	Sun 07/05/23 07:45	1143	K Opelo,T Moalosi
1145		Isolate board NE19	0.25 hrs	Sun 07/05/23 07:45	Sun 07/05/23 08:00	1144	K Opelo,T Moalosi
1146		Terminate isolator connection	0.25 hrs	Sun 07/05/23 08:00	Sun 07/05/23 08:15	1145	K Opelo,T Moalosi
1147		Energise board NE 19	0.25 hrs	Sun 07/05/23 08:15	Sun 07/05/23 08:30	1146	K Opelo,T Moalosi
1148		Check Loose Connections In The Panel	0.25 hrs	Sun 07/05/23 08:30	Sun 07/05/23 08:45	1147	K Opelo,T Moalosi
1149		Service Panel Components& Clear Dust	0.25 hrs	Sun 07/05/23 08:45	Sun 07/05/23 09:00	1148	K Opelo,T Moalosi
1150		Service Stop/Start	0.25 hrs	Sun 07/05/23 09:00	Sun 07/05/23 09:15	1149	K Opelo,T Moalosi
1151		Install junction box	1 hr	Sun 07/05/23 09:15	Sun 07/05/23 10:15	1150	K Opelo,T Moalosi
1152		Check Motor Fan Condition	0.25 hrs	Sun 07/05/23 10:15	Sun 07/05/23 10:30	1151	K Opelo,T Moalosi
1153		Check Cable Terminal Leads For Over Heating	0.25 hrs	Sun 07/05/23 10:30	Sun 07/05/23 10:45	1152	K Opelo,T Moalosi
1154		Tighten Motor Connections& Gland Integrity	0.25 hrs	Sun 07/05/23 10:45	Sun 07/05/23 11:00	1153	K Opelo,T Moalosi
1155		Seal For Moisture And Dust.	0.25 hrs	Sun 07/05/23 11:00	Sun 07/05/23 11:15	1154	K Opelo,T Moalosi
1156		Confirm Correct Protection Settings	0.25 hrs	Sun 07/05/23 11:15	Sun 07/05/23 11:30	1155	K Opelo,T Moalosi
1157		Carryout final inspection	0.25 hrs	Sun 07/05/23 11:30	Sun 07/05/23 11:45	1156	K Opelo,T Moalosi
1158		Clear Permit	0.25 hrs	Sun 07/05/23 11:45	Sun 07/05/23 12:00	1157	K Opelo,T Moalosi
1159	26A2GA06	BASHSP-0073 - Hopper Sump Pump - Carry Out Maintenance On Electrical Components	11.25 hrs	Thu 11/05/23 07:15	Fri 12/05/23 08:00		
1160		Make Out Permit	0.25 hrs	Thu 11/05/23 07:15	Thu 11/05/23 07:30	370	Operations
1161		Accept Permit	0.25 hrs	Thu 11/05/23 07:30	Thu 11/05/23 07:45	1160	K Opelo,T Moalosi
1162		Carry out risk assessment	0.25 hrs	Thu 11/05/23 07:45	Thu 11/05/23 08:00	1161	K Opelo,T Moalosi
1163		Isolate NE 19	0.25 hrs	Thu 11/05/23 08:00	Thu 11/05/23 08:15	1162	K Opelo,T Moalosi



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
1164		Mount New Isolator	0.25 hrs	Thu 11/05/23 08:15	Thu 11/05/23 08:30	1163	K Opelo,T Moalosi
1165		Disconnect all isolator connections	0.25 hrs	Thu 11/05/23 08:30	Thu 11/05/23 08:45	1164	K Opelo,T Moalosi
1166		Unmount and remove the existing isolator	0.25 hrs	Thu 11/05/23 08:45	Thu 11/05/23 09:00	1165	K Opelo,T Moalosi
1167		Mark new mounting hole	0.25 hrs	Thu 11/05/23 09:00	Thu 11/05/23 09:15	1166	K Opelo,T Moalosi
1168		Drill new mounting hole	0.25 hrs	Thu 11/05/23 09:15	Thu 11/05/23 09:30	1167	K Opelo,T Moalosi
1169		Rivert new mounting nuts	0.25 hrs	Thu 11/05/23 09:30	Thu 11/05/23 09:45	1168	K Opelo,T Moalosi
1170		Position new isolator	0.25 hrs	Thu 11/05/23 09:45	Thu 11/05/23 10:00	1169	K Opelo,T Moalosi
1171		Energise NE19	0.25 hrs	Thu 11/05/23 10:00	Thu 11/05/23 10:15	1170	K Opelo,T Moalosi
1172		Remove Panel door	0.25 hrs	Thu 11/05/23 10:15	Thu 11/05/23 10:30	1171	K Opelo,T Moalosi
1173		Drill new handle holes	0.25 hrs	Thu 11/05/23 10:30	Thu 11/05/23 10:45	1172	K Opelo,T Moalosi
1174		Put back the door	0.25 hrs	Thu 11/05/23 10:45	Thu 11/05/23 11:00	1173	K Opelo,T Moalosi
1175		Position isolator handle and rod	0.25 hrs	Thu 11/05/23 11:00	Thu 11/05/23 11:15	1174	K Opelo,T Moalosi
1176		connet electrical cables	0.25 hrs	Thu 11/05/23 11:15	Thu 11/05/23 11:30	1175	K Opelo,T Moalosi
1177		Isolate board NE19	0.25 hrs	Thu 11/05/23 11:30	Thu 11/05/23 11:45	1176	K Opelo,T Moalosi
1178		Terminate isolator connection	0.25 hrs	Thu 11/05/23 11:45	Thu 11/05/23 12:00	1177	K Opelo,T Moalosi
1179		Energise board NE 19	0.25 hrs	Thu 11/05/23 12:30	Thu 11/05/23 12:45	1178	K Opelo,T Moalosi
1180		Check Loose Connections In The Panel	0.25 hrs	Thu 11/05/23 12:45	Thu 11/05/23 13:00	1179	K Opelo,T Moalosi
1181		Service Panel Components& Clear Dust	0.25 hrs	Thu 11/05/23 13:00	Thu 11/05/23 13:15	1180	K Opelo,T Moalosi
1182		Service& relocate Stop/Start	4 hrs	Thu 11/05/23 13:15	Thu 11/05/23 17:15	1181	K Opelo,T Moalosi
1183		Check Motor Fan Condition	0.25 hrs	Thu 11/05/23 17:15	Thu 11/05/23 17:30	1182	K Opelo,T Moalosi
1184		Check Cable Terminal Leads For Over Heating	0.25 hrs	Thu 11/05/23 17:30	Thu 11/05/23 17:45	1183	K Opelo,T Moalosi
1185		Tighten Motor Connections& Gland Integrity	0.25 hrs	Thu 11/05/23 17:45	Thu 11/05/23 18:00	1184	K Opelo,T Moalosi
1186		Seal For Moisture And Dust.	0.25 hrs	Fri 12/05/23 07:00	Fri 12/05/23 07:15	1185	K Opelo,T Moalosi
1187		Confirm Correct Protection Settings	0.25 hrs	Fri 12/05/23 07:15	Fri 12/05/23 07:30	1186	K Opelo,T Moalosi
1188		Carryout final inspection	0.25 hrs	Fri 12/05/23 07:30	Fri 12/05/23 07:45	1187	K Opelo,T Moalosi
1189		Clear Permit	0.25 hrs	Fri 12/05/23 07:45	Fri 12/05/23 08:00	1188	K Opelo,T Moalosi
1190	26A2GD01	BASHSP-0074 - Fine Salt Centrifuge - Carry Out Maintenance On Electrical Components	8 hrs	Sun 07/05/23 14:45	Mon 08/05/23 11:45		
1191		Make Out Permit	0.25 hrs	Sun 07/05/23 14:45	Sun 07/05/23 15:00	857	Operations
1192		Accept Permit	0.25 hrs	Sun 07/05/23 15:00	Sun 07/05/23 15:15	1191	K Opelo,T Moalosi
1193		Carry out risk assessment	0.25 hrs	Sun 07/05/23 15:15	Sun 07/05/23 15:30	1192	K Opelo,T Moalosi
1194		Carry Out Electrical Isolation	0.25 hrs	Sun 07/05/23 15:30	Sun 07/05/23 15:45	1193	K Opelo,T Moalosi
1195		Remove Canopy	0.5 hrs	Sun 07/05/23 15:45	Sun 07/05/23 16:15	1194	K Opelo,T Moalosi
1196		Check Loose Connections In The Panel	0.5 hrs	Sun 07/05/23 16:15	Sun 07/05/23 16:45	1195	K Opelo,T Moalosi
1197		Service Panel Components & Clear Dust	0.5 hrs	Sun 07/05/23 16:45	Sun 07/05/23 17:15	1196	K Opelo,T Moalosi
1198		Open Vsd & Blow Out Dust	0.5 hrs	Sun 07/05/23 17:15	Sun 07/05/23 17:45	1197	K Opelo,T Moalosi
1199		Service Stop/Start & U/S Circuit	1 hr	Sun 07/05/23 17:45	Mon 08/05/23 07:45	1198	K Opelo,T Moalosi
1200		Install junction box	1 hr	Mon 08/05/23 07:45	Mon 08/05/23 08:45	1199	K Opelo,T Moalosi
1201		Check Motor Cooling Fan Condition	1 hr	Mon 08/05/23 08:45	Mon 08/05/23 09:45	1200	K Opelo,T Moalosi
1202		Check Cable Terminal Leads For Over Heating	0.5 hrs	Mon 08/05/23 09:45	Mon 08/05/23 10:15	1201	K Opelo,T Moalosi
1203		Tighten Motor Connections & Gland Integrity	0.5 hrs	Mon 08/05/23 10:15	Mon 08/05/23 10:45	1202	K Opelo,T Moalosi
1204		Seal For Moisture And Dust.	0.5 hrs	Mon 08/05/23 10:45	Mon 08/05/23 11:15	1203	K Opelo,T Moalosi
1205		Confirm Correct Protection Settings	0.25 hrs	Mon 08/05/23 11:15	Mon 08/05/23 11:30	1204	K Opelo,T Moalosi
1206		Clear Permit	0.25 hrs	Mon 08/05/23 11:30	Mon 08/05/23 11:45	1205	K Opelo,T Moalosi
1207	26A2GD02	BASHSP-0075 - Coarse Salt Centrifuge - Carry Out Maintenance On Electrical Components	8.5 hrs	Sun 07/05/23 16:45	Mon 08/05/23 14:45		
1208		Make Out Permit	0.25 hrs	Sun 07/05/23 16:45	Sun 07/05/23 17:00	899	Operations
1209		Accept Permit	0.25 hrs	Sun 07/05/23 17:00	Sun 07/05/23 17:15	1208	K Opelo,T Moalosi
1210		Carry out risk assessment	0.25 hrs	Sun 07/05/23 17:15	Sun 07/05/23 17:30	1209	K Opelo,T Moalosi
1211		Isolate NE 19	0.25 hrs	Sun 07/05/23 17:30	Sun 07/05/23 17:45	1210	K Opelo,T Moalosi
1212		Mount New Isolator	0.25 hrs	Sun 07/05/23 17:45	Sun 07/05/23 18:00	1211	K Opelo,T Moalosi
1213		Disconnect all isolator connections	0.25 hrs	Mon 08/05/23 07:00	Mon 08/05/23 07:15	1212	K Opelo,T Moalosi
1214		Unmount and remove the existing isolator	0.25 hrs	Mon 08/05/23 07:15	Mon 08/05/23 07:30	1213	K Opelo,T Moalosi
1215		Mark new mounting hole	0.25 hrs	Mon 08/05/23 07:30	Mon 08/05/23 07:45	1214	K Opelo,T Moalosi
1216		Drill new mounting hole	0.25 hrs	Mon 08/05/23 07:45	Mon 08/05/23 08:00	1215	K Opelo,T Moalosi



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
1217		Rivert new mounting nuts	0.25 hrs	Mon 08/05/23 08:00	Mon 08/05/23 08:15	1216	K Opelo,T Moalosi
1218		Position new isolator	0.25 hrs	Mon 08/05/23 08:15	Mon 08/05/23 08:30	1217	K Opelo,T Moalosi
1219		Energise NE19	0.25 hrs	Mon 08/05/23 08:30	Mon 08/05/23 08:45	1218	K Opelo,T Moalosi
1220		Remove Panel door	0.25 hrs	Mon 08/05/23 08:45	Mon 08/05/23 09:00	1219	K Opelo,T Moalosi
1221		Drill new handle holes	0.25 hrs	Mon 08/05/23 09:00	Mon 08/05/23 09:15	1220	K Opelo,T Moalosi
1222		Put back the door	0.25 hrs	Mon 08/05/23 09:15	Mon 08/05/23 09:30	1221	K Opelo,T Moalosi
1223		Position isolator handle and rod	0.25 hrs	Mon 08/05/23 09:30	Mon 08/05/23 09:45	1222	K Opelo,T Moalosi
1224		connet electrical cables	0.25 hrs	Mon 08/05/23 09:45	Mon 08/05/23 10:00	1223	K Opelo,T Moalosi
1225		Isolate board NE19	0.25 hrs	Mon 08/05/23 10:00	Mon 08/05/23 10:15	1224	K Opelo,T Moalosi
1226		Terminate isolator connection	0.25 hrs	Mon 08/05/23 10:15	Mon 08/05/23 10:30	1225	K Opelo,T Moalosi
1227		Energise board NE 19	0.25 hrs	Mon 08/05/23 10:30	Mon 08/05/23 10:45	1226	K Opelo,T Moalosi
1228		Check Loose Connections In The Panel	0.25 hrs	Mon 08/05/23 10:45	Mon 08/05/23 11:00	1227	K Opelo,T Moalosi
1229		Service Panel Components& Clear Dust	0.25 hrs	Mon 08/05/23 11:00	Mon 08/05/23 11:15	1228	K Opelo,T Moalosi
1230		Service Stop/Start	0.25 hrs	Mon 08/05/23 11:15	Mon 08/05/23 11:30	1229	K Opelo,T Moalosi
1231		Check Motor Fan Condition	0.25 hrs	Mon 08/05/23 11:30	Mon 08/05/23 11:45	1230	K Opelo,T Moalosi
1232		Install junction box	1 hr	Mon 08/05/23 11:45	Mon 08/05/23 13:15	1231	K Opelo,T Moalosi
1233		Check Cable Terminal Leads For Over Heating	0.25 hrs	Mon 08/05/23 13:15	Mon 08/05/23 13:30	1232	K Opelo,T Moalosi
1234		Tighten Motor Connections& Gland Integrity	0.25 hrs	Mon 08/05/23 13:30	Mon 08/05/23 13:45	1233	K Opelo,T Moalosi
1235		Seal For Moisture And Dust.	0.25 hrs	Mon 08/05/23 13:45	Mon 08/05/23 14:00	1234	K Opelo,T Moalosi
1236		Confirm Correct Protection Settings	0.25 hrs	Mon 08/05/23 14:00	Mon 08/05/23 14:15	1235	K Opelo,T Moalosi
1237		Carryout final inspection	0.25 hrs	Mon 08/05/23 14:15	Mon 08/05/23 14:30	1236	K Opelo,T Moalosi
1238		Clear Permit	0.25 hrs	Mon 08/05/23 14:30	Mon 08/05/23 14:45	1237	K Opelo,T Moalosi
1239	26A2GK01	BASHSP-0076 - #1 Wash Water Tank Agitator - Carry Out Maintenance On Electrical Components	7.5 hrs	Mon 08/05/23 11:15	Tue 09/05/23 08:15		
1240		Make Out Permit	0.25 hrs	Mon 08/05/23 11:15	Mon 08/05/23 11:30	639	Operations
1241		Accept Permit	0.25 hrs	Mon 08/05/23 11:30	Mon 08/05/23 11:45	1240	K Opelo,T Moalosi
1242		Carry out risk assessment	0.25 hrs	Mon 08/05/23 11:45	Mon 08/05/23 12:00	1241	K Opelo,T Moalosi
1243		Isolate NE 19	0.25 hrs	Mon 08/05/23 12:30	Mon 08/05/23 12:45	1242	K Opelo,T Moalosi
1244		Mount New Isolator	0.25 hrs	Mon 08/05/23 12:45	Mon 08/05/23 13:00	1243	K Opelo,T Moalosi
1245		Disconnect all isolator connections	0.25 hrs	Mon 08/05/23 13:00	Mon 08/05/23 13:15	1244	K Opelo,T Moalosi
1246		Unmount and remove the existing isolator	0.25 hrs	Mon 08/05/23 13:15	Mon 08/05/23 13:30	1245	K Opelo,T Moalosi
1247		Mark new mounting hole	0.25 hrs	Mon 08/05/23 13:30	Mon 08/05/23 13:45	1246	K Opelo,T Moalosi
1248		Drill new mounting hole	0.25 hrs	Mon 08/05/23 13:45	Mon 08/05/23 14:00	1247	K Opelo,T Moalosi
1249		Rivert new mounting nuts	0.25 hrs	Mon 08/05/23 14:00	Mon 08/05/23 14:15	1248	K Opelo,T Moalosi
1250		Position new isolator	0.25 hrs	Mon 08/05/23 14:15	Mon 08/05/23 14:30	1249	K Opelo,T Moalosi
1251		Energise NE19	0.25 hrs	Mon 08/05/23 14:30	Mon 08/05/23 14:45	1250	K Opelo,T Moalosi
1252		Remove Panel door	0.25 hrs	Mon 08/05/23 14:45	Mon 08/05/23 15:00	1251	K Opelo,T Moalosi
1253		Drill new handle holes	0.25 hrs	Mon 08/05/23 15:00	Mon 08/05/23 15:15	1252	K Opelo,T Moalosi
1254		Put back the door	0.25 hrs	Mon 08/05/23 15:15	Mon 08/05/23 15:30	1253	K Opelo,T Moalosi
1255		Position isolator handle and rod	0.25 hrs	Mon 08/05/23 15:30	Mon 08/05/23 15:45	1254	K Opelo,T Moalosi
1256		connet electrical cables	0.25 hrs	Mon 08/05/23 15:45	Mon 08/05/23 16:00	1255	K Opelo,T Moalosi
1257		Isolate board NE19	0.25 hrs	Mon 08/05/23 16:00	Mon 08/05/23 16:15	1256	K Opelo,T Moalosi
1258		Terminate isolator connection	0.25 hrs	Mon 08/05/23 16:15	Mon 08/05/23 16:30	1257	K Opelo,T Moalosi
1259		Energise board NE 19	0.25 hrs	Mon 08/05/23 16:30	Mon 08/05/23 16:45	1258	K Opelo,T Moalosi
1260		Check Loose Connections In The Panel	0.25 hrs	Mon 08/05/23 16:45	Mon 08/05/23 17:00	1259	K Opelo,T Moalosi
1261		Service Panel Components& Clear Dust	0.25 hrs	Mon 08/05/23 17:00	Mon 08/05/23 17:15	1260	K Opelo,T Moalosi
1262		Service Stop/Start	0.25 hrs	Mon 08/05/23 17:15	Mon 08/05/23 17:30	1261	K Opelo,T Moalosi
1263		Check Motor Fan Condition	0.25 hrs	Mon 08/05/23 17:30	Mon 08/05/23 17:45	1262	K Opelo,T Moalosi
1264		Check Cable Terminal Leads For Over Heating	0.25 hrs	Mon 08/05/23 17:45	Mon 08/05/23 18:00	1263	K Opelo,T Moalosi
1265		Tighten Motor Connections& Gland Integrity	0.25 hrs	Tue 09/05/23 07:00	Tue 09/05/23 07:15	1264	K Opelo,T Moalosi
1266		Seal For Moisture And Dust.	0.25 hrs	Tue 09/05/23 07:15	Tue 09/05/23 07:30	1265	K Opelo,T Moalosi
1267		Confirm Correct Protection Settings	0.25 hrs	Tue 09/05/23 07:30	Tue 09/05/23 07:45	1266	K Opelo,T Moalosi
1268		Carryout final inspection	0.25 hrs	Tue 09/05/23 07:45	Tue 09/05/23 08:00	1267	K Opelo,T Moalosi



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
1269		Clear Permit	0.25 hrs	Tue 09/05/23 08:00	Tue 09/05/23 08:15	1268	K Opelo,T Moalosi
1270	26A2GK02	BASHSP-0076 - #2 Wash Water Tank Agitator - Carry Out Maintenance On Electrical Components	3.25 hrs	Mon 08/05/23 11:30	Mon 08/05/23 15:15		
1271		Make Out Permit	0.25 hrs	Mon 08/05/23 11:30	Mon 08/05/23 11:45	674,1240	Operations
1272		Accept Permit	0.25 hrs	Mon 08/05/23 11:45	Mon 08/05/23 12:00	1271	K Opelo,T Moalosi
1273		Carry out risk assessment	0.25 hrs	Mon 08/05/23 12:30	Mon 08/05/23 12:45	1272	K Opelo,T Moalosi
1274		Carry Out Electrical Isolation	0.25 hrs	Mon 08/05/23 12:45	Mon 08/05/23 13:00	1273	K Opelo,T Moalosi
1275		Check Loose Connections In The Panel	0.25 hrs	Mon 08/05/23 13:00	Mon 08/05/23 13:15	1274	K Opelo,T Moalosi
1276		Service Panel Components & Clear Dust	0.25 hrs	Mon 08/05/23 13:15	Mon 08/05/23 13:30	1275	K Opelo,T Moalosi
1277		Service Stop/Start	0.25 hrs	Mon 08/05/23 13:30	Mon 08/05/23 13:45	1276	K Opelo,T Moalosi
1278		Check Motor Cooling Fan Condition	0.25 hrs	Mon 08/05/23 13:45	Mon 08/05/23 14:00	1277	K Opelo,T Moalosi
1279		Check Cable Terminal Leads For Over Heating	0.25 hrs	Mon 08/05/23 14:00	Mon 08/05/23 14:15	1278	K Opelo,T Moalosi
1280		Tighten Motor Connections & Gland Integrity	0.25 hrs	Mon 08/05/23 14:15	Mon 08/05/23 14:30	1279	K Opelo,T Moalosi
1281		Seal For Moisture And Dust.	0.25 hrs	Mon 08/05/23 14:30	Mon 08/05/23 14:45	1280	K Opelo,T Moalosi
1282		Confirm Correct Protection Settings	0.25 hrs	Mon 08/05/23 14:45	Mon 08/05/23 15:00	1281	K Opelo,T Moalosi
1283		Clear Permit	0.25 hrs	Mon 08/05/23 15:00	Mon 08/05/23 15:15	1282	K Opelo,T Moalosi
1284	26A2GK03	BASHSUP-0078 - #3 Wash Water Tank Agitator - Carry Out Maintenance On Electrical Components	7.5 hrs	Sun 07/05/23 08:30	Sun 07/05/23 16:30		
1285		Make Out Permit	0.25 hrs	Sun 07/05/23 08:30	Sun 07/05/23 08:45	703	Operations
1286		Accept Permit	0.25 hrs	Sun 07/05/23 08:45	Sun 07/05/23 09:00	1285	K Opelo,T Moalosi
1287		Carry out risk assessment	0.25 hrs	Sun 07/05/23 09:00	Sun 07/05/23 09:15	1286	K Opelo,T Moalosi
1288		Isolate NE 19	0.25 hrs	Sun 07/05/23 09:15	Sun 07/05/23 09:30	1287	K Opelo,T Moalosi
1289		Mount New Isolator	0.25 hrs	Sun 07/05/23 09:30	Sun 07/05/23 09:45	1288	K Opelo,T Moalosi
1290		Disconnect all isolator connections	0.25 hrs	Sun 07/05/23 09:45	Sun 07/05/23 10:00	1289	K Opelo,T Moalosi
1291		Unmount and remove the existing isolator	0.25 hrs	Sun 07/05/23 10:00	Sun 07/05/23 10:15	1290	K Opelo,T Moalosi
1292		Mark new mounting hole	0.25 hrs	Sun 07/05/23 10:15	Sun 07/05/23 10:30	1291	K Opelo,T Moalosi
1293		Drill new mounting hole	0.25 hrs	Sun 07/05/23 10:30	Sun 07/05/23 10:45	1292	K Opelo,T Moalosi
1294		Rivert new mounting nuts	0.25 hrs	Sun 07/05/23 10:45	Sun 07/05/23 11:00	1293	K Opelo,T Moalosi
1295		Position new isolator	0.25 hrs	Sun 07/05/23 11:00	Sun 07/05/23 11:15	1294	K Opelo,T Moalosi
1296		Energise NE19	0.25 hrs	Sun 07/05/23 11:15	Sun 07/05/23 11:30	1295	K Opelo,T Moalosi
1297		Remove Panel door	0.25 hrs	Sun 07/05/23 11:30	Sun 07/05/23 11:45	1296	K Opelo,T Moalosi
1298		Drill new handle holes	0.25 hrs	Sun 07/05/23 11:45	Sun 07/05/23 12:00	1297	K Opelo,T Moalosi
1299		Put back the door	0.25 hrs	Sun 07/05/23 12:30	Sun 07/05/23 12:45	1298	K Opelo,T Moalosi
1300		Position isolator handle and rod	0.25 hrs	Sun 07/05/23 12:45	Sun 07/05/23 13:00	1299	K Opelo,T Moalosi
1301		connet electrical cables	0.25 hrs	Sun 07/05/23 13:00	Sun 07/05/23 13:15	1300	K Opelo,T Moalosi
1302		Isolate board NE19	0.25 hrs	Sun 07/05/23 13:15	Sun 07/05/23 13:30	1301	K Opelo,T Moalosi
1303		Terminate isolator connection	0.25 hrs	Sun 07/05/23 13:30	Sun 07/05/23 13:45	1302	K Opelo,T Moalosi
1304		Energise board NE 19	0.25 hrs	Sun 07/05/23 13:45	Sun 07/05/23 14:00	1303	K Opelo,T Moalosi
1305		Check Loose Connections In The Panel	0.25 hrs	Sun 07/05/23 14:00	Sun 07/05/23 14:15	1304	K Opelo,T Moalosi
1306		Service Panel Components& Clear Dust	0.25 hrs	Sun 07/05/23 14:15	Sun 07/05/23 14:30	1305	K Opelo,T Moalosi
1307		Service Stop/Start	0.25 hrs	Sun 07/05/23 14:30	Sun 07/05/23 14:45	1306	K Opelo,T Moalosi
1308		Check Motor Fan Condition	0.25 hrs	Sun 07/05/23 14:45	Sun 07/05/23 15:00	1307	K Opelo,T Moalosi
1309		Check Cable Terminal Leads For Over Heating	0.25 hrs	Sun 07/05/23 15:00	Sun 07/05/23 15:15	1308	K Opelo,T Moalosi
1310		Tighten Motor Connections& Gland Integrity	0.25 hrs	Sun 07/05/23 15:15	Sun 07/05/23 15:30	1309	K Opelo,T Moalosi
1311		Seal For Moisture And Dust.	0.25 hrs	Sun 07/05/23 15:30	Sun 07/05/23 15:45	1310	K Opelo,T Moalosi
1312		Confirm Correct Protection Settings	0.25 hrs	Sun 07/05/23 15:45	Sun 07/05/23 16:00	1311	K Opelo,T Moalosi
1313		Carryout final inspection	0.25 hrs	Sun 07/05/23 16:00	Sun 07/05/23 16:15	1312	K Opelo,T Moalosi
1314		Clear Permit	0.25 hrs	Sun 07/05/23 16:15	Sun 07/05/23 16:30	1313	K Opelo,T Moalosi
1315	26A2GN01	BASHSP-0079 - Scalping Screen - Carry Out Maintenance On Electrical Components	3.75 hrs	Thu 04/05/23 16:30	Fri 05/05/23 08:45		
1316		Make Out Permit	0.25 hrs	Thu 04/05/23 16:30	Thu 04/05/23 16:45	573	Operations
1317		Accept Permit	0.25 hrs	Thu 04/05/23 16:45	Thu 04/05/23 17:00	1316	K Opelo,T Moalosi
1318		Carry out risk assessment	0.25 hrs	Thu 04/05/23 17:00	Thu 04/05/23 17:15	1317	K Opelo,T Moalosi
1319		Carry Out Electrical Isolation	0.25 hrs	Thu 04/05/23 17:15	Thu 04/05/23 17:30	1318	K Opelo,T Moalosi



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
1320		Check Loose Connections In The Panel	0.25 hrs	Thu 04/05/23 17:30	Thu 04/05/23 17:45	1319	K Opelo,T Moalosi
1321		Service Panel Components & Clear Dust	0.25 hrs	Thu 04/05/23 17:45	Thu 04/05/23 18:00	1320	K Opelo,T Moalosi
1322		Replace Motor	0.25 hrs	Thu 04/05/23 18:00	Thu 04/05/23 18:15	1321	K Opelo,T Moalosi
1323		Replace Worn Part Of The Motor Supply Cable	0.25 hrs	Thu 04/05/23 18:15	Thu 04/05/23 18:30	1322	K Opelo,T Moalosi
1324		Service Stop/Start	0.25 hrs	Fri 05/05/23 07:00	Fri 05/05/23 07:15	1323	K Opelo,T Moalosi
1325		Check Motor Fan Condition	0.25 hrs	Fri 05/05/23 07:15	Fri 05/05/23 07:30	1324	K Opelo,T Moalosi
1326		Check Cable Terminal Leads For Over Heating	0.25 hrs	Fri 05/05/23 07:30	Fri 05/05/23 07:45	1325	K Opelo,T Moalosi
1327		Tighten Motor Connections & Gland Integrity	0.25 hrs	Fri 05/05/23 07:45	Fri 05/05/23 08:00	1326	K Opelo,T Moalosi
1328		Seal For Moisture And Dust.	0.25 hrs	Fri 05/05/23 08:00	Fri 05/05/23 08:15	1327	K Opelo,T Moalosi
1329		Confirm Correct Protection Settings	0.25 hrs	Fri 05/05/23 08:15	Fri 05/05/23 08:30	1328	K Opelo,T Moalosi
1330		Clear Permit	0.25 hrs	Fri 05/05/23 08:30	Fri 05/05/23 08:45	1329	K Opelo,T Moalosi
1331	26A2GN02	BASHSP-0080 - Washed Salt Screen - Carry Out Maintenance On Electrical Components	3.75 hrs	Wed 10/05/23 07:00	Wed 10/05/23 10:45		
1332		Make Out Permit	0.25 hrs	Wed 10/05/23 07:00	Wed 10/05/23 07:15	926,932SS	Operations
1333		Accept Permit	0.5 hrs	Wed 10/05/23 07:15	Wed 10/05/23 07:45	1332	K Opelo,T Moalosi
1334		Carry out risk assessment	0.5 hrs	Wed 10/05/23 07:45	Wed 10/05/23 08:15	1333	K Opelo,T Moalosi
1335		Carry Out Electrical Isolation	0.25 hrs	Wed 10/05/23 08:15	Wed 10/05/23 08:30	1334	K Opelo,T Moalosi
1336		Check Loose Connections In The Panel	0.25 hrs	Wed 10/05/23 08:30	Wed 10/05/23 08:45	1335	K Opelo,T Moalosi
1337		Service Panel Components & Clear Dust	0.25 hrs	Wed 10/05/23 08:45	Wed 10/05/23 09:00	1336	K Opelo,T Moalosi
1338		Service Stop/Start	0.25 hrs	Wed 10/05/23 09:00	Wed 10/05/23 09:15	1337	K Opelo,T Moalosi
1339		Check Motor Fan Condition	0.25 hrs	Wed 10/05/23 09:15	Wed 10/05/23 09:30	1338	K Opelo,T Moalosi
1340		Check Cable Terminal Leads For Over Heating	0.25 hrs	Wed 10/05/23 09:30	Wed 10/05/23 09:45	1339	K Opelo,T Moalosi
1341		Tighten Motor Connections & Gland Integrity	0.25 hrs	Wed 10/05/23 09:45	Wed 10/05/23 10:00	1340	K Opelo,T Moalosi
1342		Seal For Moisture And Dust.	0.25 hrs	Wed 10/05/23 10:00	Wed 10/05/23 10:15	1341	K Opelo,T Moalosi
1343		Confirm Correct Protection Settings	0.25 hrs	Wed 10/05/23 10:15	Wed 10/05/23 10:30	1342	K Opelo,T Moalosi
1344		Clear Permit	0.25 hrs	Wed 10/05/23 10:30	Wed 10/05/23 10:45	1343	K Opelo,T Moalosi
1345	26A2RE01	BASHSP-0081 - Road Hopper Discharge Belt Conveyor - Carry Out Maintenance On Electrical Components	4.5 hrs	Sat 06/05/23 14:00	Sun 07/05/23 07:30		
1346		Make Out Permit	0.25 hrs	Sat 06/05/23 14:00	Sat 06/05/23 14:15	404	Operations
1347		Accept Permit	0.25 hrs	Sat 06/05/23 14:15	Sat 06/05/23 14:30	1346	K Opelo,T Moalosi
1348		Carry out risk assessment	0.25 hrs	Sat 06/05/23 14:30	Sat 06/05/23 14:45	1347	K Opelo,T Moalosi
1349		Carry Out Electrical Isolation	0.25 hrs	Sat 06/05/23 14:45	Sat 06/05/23 15:00	1348	K Opelo,T Moalosi
1350		Check Loose Connections In The Panel	0.25 hrs	Sat 06/05/23 15:00	Sat 06/05/23 15:15	1349	K Opelo,T Moalosi
1351		Service Panel Components & Clear Dust	0.25 hrs	Sat 06/05/23 15:15	Sat 06/05/23 15:30	1350	K Opelo,T Moalosi
1352		Service Stop/Start, Belt Alignment & Pull Switches	0.25 hrs	Sat 06/05/23 15:30	Sat 06/05/23 15:45	1351	K Opelo,T Moalosi
1353		Service Safe Start Circuit & Insure Siren Is Working	0.25 hrs	Sat 06/05/23 15:45	Sat 06/05/23 16:00	1352	K Opelo,T Moalosi
1354		Install underspeed bracket	1 hr	Sat 06/05/23 16:00	Sat 06/05/23 17:00	1353	K Opelo,T Moalosi
1355		Remove Motor& recondition	0.25 hrs	Sat 06/05/23 17:00	Sat 06/05/23 17:15	1354	K Opelo,T Moalosi
1356		Check Cable Terminal Leads For Over Heating	0.25 hrs	Sat 06/05/23 17:15	Sat 06/05/23 17:30	1355	K Opelo,T Moalosi
1357		Tighten Motor Connections & Gland Integrity	0.25 hrs	Sat 06/05/23 17:30	Sat 06/05/23 17:45	1356	K Opelo,T Moalosi
1358		Seal For Moisture And Dust.	0.25 hrs	Sat 06/05/23 17:45	Sat 06/05/23 18:00	1357	K Opelo,T Moalosi
1359		Confirm Correct Protection Settings	0.25 hrs	Sun 07/05/23 07:00	Sun 07/05/23 07:15	1358	K Opelo,T Moalosi
1360		Clear Permit	0.25 hrs	Sun 07/05/23 07:15	Sun 07/05/23 07:30	1359	K Opelo,T Moalosi
1361	26A2RE02	BASHSP-0082 - Yard Feed Belt Conveyor - Carry Out Maintenance On Electrical Components	3.5 hrs	Sat 06/05/23 11:45	Sat 06/05/23 15:45		
1362		Make Out Permit	0.25 hrs	Sat 06/05/23 11:45	Sat 06/05/23 12:00	418	Operations
1363		Accept Permit	0.25 hrs	Sat 06/05/23 12:00	Sat 06/05/23 12:45	1362	K Opelo,T Moalosi
1364		Carry out risk assessment	0.25 hrs	Sat 06/05/23 12:45	Sat 06/05/23 13:00	1363	K Opelo,T Moalosi
1365		Carry Out Electrical Isolation	0.25 hrs	Sat 06/05/23 13:00	Sat 06/05/23 13:15	1364	K Opelo,T Moalosi
1366		Check Loose Connections In The Panel	0.25 hrs	Sat 06/05/23 13:15	Sat 06/05/23 13:30	1365	K Opelo,T Moalosi
1367		Service Panel Components & Clear Dust	0.25 hrs	Sat 06/05/23 13:30	Sat 06/05/23 13:45	1366	K Opelo,T Moalosi
1368		Service Stop/Start, Belt Alignment & Pull Switches	0.25 hrs	Sat 06/05/23 13:45	Sat 06/05/23 14:00	1367	K Opelo,T Moalosi
1369		Service Safe Start Circuit & Insure Siren Is Working	0.25 hrs	Sat 06/05/23 14:00	Sat 06/05/23 14:15	1368	K Opelo,T Moalosi
1370		Check Motor Fan Condition	0.25 hrs	Sat 06/05/23 14:15	Sat 06/05/23 14:30	1369	K Opelo,T Moalosi



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names	
1371		Check Cable Terminal Leads For Over Heating	0.25 hrs	Sat 06/05/23 14:30	Sat 06/05/23 14:45	1370	K Opelo,T Moalosi	
1372		Tighten Motor Connections & Gland Integrity	0.25 hrs	Sat 06/05/23 14:45	Sat 06/05/23 15:00	1371	K Opelo,T Moalosi	
1373		Seal For Moisture And Dust.	0.25 hrs	Sat 06/05/23 15:00	Sat 06/05/23 15:15	1372	K Opelo,T Moalosi	
1374		Confirm Correct Protection Settings	0.25 hrs	Sat 06/05/23 15:15	Sat 06/05/23 15:30	1373	K Opelo,T Moalosi	
1375		Clear Permit	0.25 hrs	Sat 06/05/23 15:30	Sat 06/05/23 15:45	1374	K Opelo,T Moalosi	
1376	26A2RE03	BASHSP-0083 - Wash Plant Feed Conveyor - Carry Out Maintenance On Electrical Components	5.5 hrs	Mon 08/05/23 17:30	Tue 09/05/23 12:00			
1377		Make Out Permit	0.25 hrs	Mon 08/05/23 17:30	Mon 08/05/23 17:45	504	Operations	
1378		Accept Permit	0.25 hrs	Mon 08/05/23 17:45	Mon 08/05/23 18:00	1377	K Opelo,T Moalosi	
1379		Carry out risk assessment	0.25 hrs	Tue 09/05/23 07:00	Tue 09/05/23 07:15	1378	K Opelo,T Moalosi	
1380		Carry Out Electrical Isolation	0.25 hrs	Tue 09/05/23 07:15	Tue 09/05/23 07:30	1379	K Opelo,T Moalosi	
1381		Check Loose Connections In The Panel	0.25 hrs	Tue 09/05/23 07:30	Tue 09/05/23 07:45	1380	K Opelo,T Moalosi	
1382		Service Panel Components & Clear Dust	0.25 hrs	Tue 09/05/23 07:45	Tue 09/05/23 08:00	1381	K Opelo,T Moalosi	
1383		Service Stop/Start, Belt Alignment & Pull Switches	0.25 hrs	Tue 09/05/23 08:00	Tue 09/05/23 08:15	1382	K Opelo,T Moalosi	
1384		Service Safe Start Circuit & Insure Siren Is Working	1 hr	Tue 09/05/23 08:15	Tue 09/05/23 09:15	1383	K Opelo,T Moalosi	
1385		Install underspeed bracket	1 hr	Tue 09/05/23 09:15	Tue 09/05/23 10:15	1384	K Opelo,T Moalosi	
1386		Check Motor Fan Condition	0.5 hrs	Tue 09/05/23 10:15	Tue 09/05/23 10:45	1385	K Opelo,T Moalosi	
1387		Check Cable Terminal Leads For Over Heating	0.25 hrs	Tue 09/05/23 10:45	Tue 09/05/23 11:00	1386	K Opelo,T Moalosi	
1388		Tighten Motor Connections & Gland Integrity	0.25 hrs	Tue 09/05/23 11:00	Tue 09/05/23 11:15	1387	K Opelo,T Moalosi	
1389		Seal For Moisture And Dust.	0.25 hrs	Tue 09/05/23 11:15	Tue 09/05/23 11:30	1388	K Opelo,T Moalosi	
1390		Confirm Correct Protection Settings	0.25 hrs	Tue 09/05/23 11:30	Tue 09/05/23 11:45	1389	K Opelo,T Moalosi	
1391		Clear Permit	0.25 hrs	Tue 09/05/23 11:45	Tue 09/05/23 12:00	1390	K Opelo,T Moalosi	
1392		BASHSP-0084 - #1 Road Hopper Discharging Screw - Carry Out Maintenance On Electrical Components	3.75 hrs	Fri 12/05/23 13:45	Fri 12/05/23 17:30			
1393		Make Out Permit	0.25 hrs	Fri 12/05/23 13:45	Fri 12/05/23 14:00	375	Operations	
1394		Accept Permit	0.25 hrs	Fri 12/05/23 14:00	Fri 12/05/23 14:15	1393	K Opelo,T Moalosi	
1395		Carry out risk assessment	0.25 hrs	Fri 12/05/23 14:15	Fri 12/05/23 14:30	1394	K Opelo,T Moalosi	
1396		Carry Out Electrical Isolation	0.25 hrs	Fri 12/05/23 14:30	Fri 12/05/23 14:45	1395	K Opelo,T Moalosi	
1397		Check Loose Connections In The Panel	0.25 hrs	Fri 12/05/23 14:45	Fri 12/05/23 15:00	1396	K Opelo,T Moalosi	
1398		Service Panel Components & Clear Dust	0.25 hrs	Fri 12/05/23 15:00	Fri 12/05/23 15:15	1397	K Opelo,T Moalosi	
1399		Replace Motor	0.25 hrs	Fri 12/05/23 15:15	Fri 12/05/23 15:30	1398	K Opelo,T Moalosi	
1400		Replace Worn Part Of The Motor Supply Cable	0.25 hrs	Fri 12/05/23 15:30	Fri 12/05/23 15:45	1399	K Opelo,T Moalosi	
1401		Service Stop/Start	0.25 hrs	Fri 12/05/23 15:45	Fri 12/05/23 16:00	1400	K Opelo,T Moalosi	
1402		Check Motor Fan Condition	0.25 hrs	Fri 12/05/23 16:00	Fri 12/05/23 16:15	1401	K Opelo,T Moalosi	
1403		Check Cable Terminal Leads For Over Heating	0.25 hrs	Fri 12/05/23 16:15	Fri 12/05/23 16:30	1402	K Opelo,T Moalosi	
1404		Tighten Motor Connections & Gland Integrity	0.25 hrs	Fri 12/05/23 16:30	Fri 12/05/23 16:45	1403	K Opelo,T Moalosi	
1405		Seal For Moisture And Dust.	0.25 hrs	Fri 12/05/23 16:45	Fri 12/05/23 17:00	1404	K Opelo,T Moalosi	
1406		Confirm Correct Protection Settings	0.25 hrs	Fri 12/05/23 17:00	Fri 12/05/23 17:15	1405	K Opelo,T Moalosi	
1407		Clear Permit	0.25 hrs	Fri 12/05/23 17:15	Fri 12/05/23 17:30	1406	K Opelo,T Moalosi	
1408		BASHSP-0085 - #2 Road Hopper Discharging Screw - Carry Out Maintenance On Electrical Components	3.75 hrs	Fri 12/05/23 13:45	Fri 12/05/23 17:30			
1409		Make Out Permit	0.25 hrs	Fri 12/05/23 13:45	Fri 12/05/23 14:00	375	Operations	
1410		Accept Permit	0.25 hrs	Fri 12/05/23 14:00	Fri 12/05/23 14:15	1409	K Opelo,T Moalosi	
1411		Carry out risk assessment	0.25 hrs	Fri 12/05/23 14:15	Fri 12/05/23 14:30	1410	K Opelo,T Moalosi	
1412		Carry Out Electrical Isolation	0.25 hrs	Fri 12/05/23 14:30	Fri 12/05/23 14:45	1411	K Opelo,T Moalosi	
1413		Check Loose Connections In The Panel	0.25 hrs	Fri 12/05/23 14:45	Fri 12/05/23 15:00	1412	K Opelo,T Moalosi	
1414		Service Panel Components & Clear Dust	0.25 hrs	Fri 12/05/23 15:00	Fri 12/05/23 15:15	1413	K Opelo,T Moalosi	
1415		Replace Motor	0.25 hrs	Fri 12/05/23 15:15	Fri 12/05/23 15:30	1414	K Opelo,T Moalosi	
1416		Replace Worn Part Of The Motor Supply Cable	0.25 hrs	Fri 12/05/23 15:30	Fri 12/05/23 15:45	1415	K Opelo,T Moalosi	
1417		Service Stop/Start	0.25 hrs	Fri 12/05/23 15:45	Fri 12/05/23 16:00	1416	K Opelo,T Moalosi	
1418		Check Motor Fan Condition	0.25 hrs	Fri 12/05/23 16:00	Fri 12/05/23 16:15	1417	K Opelo,T Moalosi	
1419		Check Cable Terminal Leads For Over Heating	0.25 hrs	Fri 12/05/23 16:15	Fri 12/05/23 16:30	1418	K Opelo,T Moalosi	
1420		Tighten Motor Connections & Gland Integrity	0.25 hrs	Fri 12/05/23 16:30	Fri 12/05/23 16:45	1419	K Opelo,T Moalosi	



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
1421		Seal For Moisture And Dust.	0.25 hrs	Fri 12/05/23 16:45	Fri 12/05/23 17:00	1420	K Opelo,T Moalosi
1422		Confirm Correct Protection Settings	0.25 hrs	Fri 12/05/23 17:00	Fri 12/05/23 17:15	1421	K Opelo,T Moalosi
1423		Clear Permit	0.25 hrs	Fri 12/05/23 17:15	Fri 12/05/23 17:30	1422	K Opelo,T Moalosi
1424	26A2RH01	BASHSP-0086 - Scalping Screen Feeder - Carry Out Maintenance On Electrical Components	4.25 hrs	Thu 04/05/23 17:00	Fri 05/05/23 09:45		
1425		Make Out Permit	0.25 hrs	Thu 04/05/23 17:00	Thu 04/05/23 17:15	576SS	Operations
1426		Accept Permit	0.25 hrs	Thu 04/05/23 17:15	Thu 04/05/23 17:30	1425	K Opelo,T Moalosi
1427		Carry out risk assessment	0.25 hrs	Thu 04/05/23 17:30	Thu 04/05/23 17:45	1426	K Opelo,T Moalosi
1428		Carry Out Electrical Isolation	0.25 hrs	Thu 04/05/23 17:45	Thu 04/05/23 18:00	1427	K Opelo,T Moalosi
1429		Check Loose Connections In The Panel	0.25 hrs	Thu 04/05/23 18:00	Thu 04/05/23 18:15	1428	K Opelo,T Moalosi
1430		Service Panel Components & Clear Dust	0.25 hrs	Thu 04/05/23 18:15	Thu 04/05/23 18:30	1429	K Opelo,T Moalosi
1431		Service Stop/Start	0.5 hrs	Fri 05/05/23 07:00	Fri 05/05/23 07:30	1430	K Opelo,T Moalosi
1432		Insure Flexible Supply Cable Is Secure	1 hr	Fri 05/05/23 07:30	Fri 05/05/23 08:30	1431	K Opelo,T Moalosi
1433		Confirm Correct Weight Settings	0.25 hrs	Fri 05/05/23 08:30	Fri 05/05/23 08:45	1432	K Opelo,T Moalosi
1434		Tighten Motor Connections & Gland Integrity	0.25 hrs	Fri 05/05/23 08:45	Fri 05/05/23 09:00	1433	K Opelo,T Moalosi
1435		Seal For Moisture And Dust.	0.25 hrs	Fri 05/05/23 09:00	Fri 05/05/23 09:15	1434	K Opelo,T Moalosi
1436		Confirm Correct Protection Settings	0.25 hrs	Fri 05/05/23 09:15	Fri 05/05/23 09:30	1435	K Opelo,T Moalosi
1437		Clear Permit	0.25 hrs	Fri 05/05/23 09:30	Fri 05/05/23 09:45	1436	K Opelo,T Moalosi
1438	26A2RM01	BASHSP-0087 - Side Arm Scraper Reclaimer - Carry Out Maintenance On Electrical Components	14 hrs	Thu 11/05/23 11:15	Fri 12/05/23 15:15		
1439		Make Out Permit	0.25 hrs	Thu 11/05/23 11:15	Thu 11/05/23 11:30	472	Operations
1440		Accept Permit	0.25 hrs	Thu 11/05/23 11:30	Thu 11/05/23 11:45	1439	K Opelo,T Moalosi
1441		Carry out risk assessment	0.25 hrs	Thu 11/05/23 11:45	Thu 11/05/23 12:00	1440	K Opelo,T Moalosi
1442		Carry Out Electrical Isolation	0.25 hrs	Thu 11/05/23 12:30	Thu 11/05/23 12:45	1441	K Opelo,T Moalosi
1443		Check Loose Connections In The Panel	2 hrs	Thu 11/05/23 12:45	Thu 11/05/23 14:45	1442	K Opelo,T Moalosi
1444		Clean Panel Interior & Tidy Up Panel Wiring	2 hrs	Thu 11/05/23 14:45	Thu 11/05/23 16:45	1443	K Opelo,T Moalosi
1445		Open Traverse Drive Vsd & Blow Out Dust	0.5 hrs	Thu 11/05/23 16:45	Thu 11/05/23 17:15	1444	K Opelo,T Moalosi
1446		Service Auto Traverse Switches	0.5 hrs	Thu 11/05/23 17:15	Thu 11/05/23 17:45	1445	K Opelo,T Moalosi
1447		Service Emergency Stops & Winch Limit Switches	1.5 hrs	Thu 11/05/23 17:45	Fri 12/05/23 08:15	1446	K Opelo,T Moalosi
1448		Replace Diamond Rail Cable Carrier 3Ddt/6010	3 hrs	Fri 12/05/23 08:15	Fri 12/05/23 11:15	1447	K Opelo,T Moalosi
1449		Replace Diamond carrier bearings	0.5 hrs	Fri 12/05/23 11:15	Fri 12/05/23 11:45	1448	K Opelo,T Moalosi
1450		Clean Diamond Rail	0.25 hrs	Fri 12/05/23 11:45	Fri 12/05/23 12:00	1449	K Opelo,T Moalosi
1451		Check Cable Terminal Leads For Over Heating	1 hr	Fri 12/05/23 12:30	Fri 12/05/23 13:30	1450	K Opelo,T Moalosi
1452		Tighten Motor Connections & Gland Integrity	1 hr	Fri 12/05/23 13:30	Fri 12/05/23 14:30	1451	K Opelo,T Moalosi
1453		Seal For Moisture And Dust.	0.25 hrs	Fri 12/05/23 14:30	Fri 12/05/23 14:45	1452	K Opelo,T Moalosi
1454		Confirm Correct Protection Settings	0.25 hrs	Fri 12/05/23 14:45	Fri 12/05/23 15:00	1453	K Opelo,T Moalosi
1455		Clear Permit	0.25 hrs	Fri 12/05/23 15:00	Fri 12/05/23 15:15	1454	K Opelo,T Moalosi
1456	26A2RP01	BASHSP-0088 - Harvested Salt Bucket Elevator - Carry Out Electrical Maintenance	5 hrs	Sat 06/05/23 17:15	Sun 07/05/23 11:15		
1457		Make Out Permit	0.25 hrs	Sat 06/05/23 17:15	Sat 06/05/23 17:30	530	Operations
1458		Accept Permit	0.25 hrs	Sat 06/05/23 17:30	Sat 06/05/23 17:45	1457	K Opelo,T Moalosi
1459		Carry out risk assessment	0.25 hrs	Sat 06/05/23 17:45	Sat 06/05/23 18:00	1458	K Opelo,T Moalosi
1460		Carry Out Electrical Isolation	0.25 hrs	Sun 07/05/23 07:00	Sun 07/05/23 07:15	1459	K Opelo,T Moalosi
1461		Tighten Electrical Connections In The Panel	0.25 hrs	Sun 07/05/23 07:15	Sun 07/05/23 07:30	1460	K Opelo,T Moalosi
1462		Service Panel Components & Clear Dust	0.25 hrs	Sun 07/05/23 07:30	Sun 07/05/23 07:45	1461	K Opelo,T Moalosi
1463		Service Stop/Start	0.5 hrs	Sun 07/05/23 07:45	Sun 07/05/23 08:15	1462	K Opelo,T Moalosi
1464		Check U/S Sensor J/Box Connections	0.5 hrs	Sun 07/05/23 08:15	Sun 07/05/23 08:45	1463	K Opelo,T Moalosi
1465		Service Safe Start Circuit & Insure Siren Is Working	0.5 hrs	Sun 07/05/23 08:45	Sun 07/05/23 09:15	1464	K Opelo,T Moalosi
1466		Check underspeed functionality	0.25 hrs	Sun 07/05/23 09:15	Sun 07/05/23 09:30	1465	K Opelo,T Moalosi
1467		Tighten Motor Connections & Gland Integrity	0.5 hrs	Sun 07/05/23 09:30	Sun 07/05/23 10:00	1466	K Opelo,T Moalosi
1468		Seal For Moisture And Dust	0.5 hrs	Sun 07/05/23 10:00	Sun 07/05/23 10:30	1467	K Opelo,T Moalosi
1469		Confirm Correct Protection Settings	0.25 hrs	Sun 07/05/23 10:30	Sun 07/05/23 10:45	1468	K Opelo,T Moalosi
1470		Test U/S Circuit Operation	0.25 hrs	Sun 07/05/23 10:45	Sun 07/05/23 11:00	1469	K Opelo,T Moalosi
1471		Clear Permit	0.25 hrs	Sun 07/05/23 11:00	Sun 07/05/23 11:15	1470	K Opelo,T Moalosi



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
1472	26A2RX01	BASHSP-0089 - Single Boom Stacker With Tripper Car - Carry Out Maintenance On Electrical Components	9.75 hrs	Thu 11/05/23 07:00	Thu 11/05/23 17:15		
1473		Make Out Permit	0.25 hrs	Thu 11/05/23 07:00	Thu 11/05/23 07:15	451	Operations
1474		Accept Permit	0.25 hrs	Thu 11/05/23 07:15	Thu 11/05/23 07:30	1473	K Opelo,T Moalosi
1475		Carry out risk assessment	0.25 hrs	Thu 11/05/23 07:30	Thu 11/05/23 07:45	1474	K Opelo,T Moalosi
1476		Isolate NE 19	0.25 hrs	Thu 11/05/23 07:45	Thu 11/05/23 08:00	1475	K Opelo,T Moalosi
1477		Mount New Isolator	1.5 hrs	Thu 11/05/23 08:00	Thu 11/05/23 09:30	1476	K Opelo,T Moalosi
1478		Disconnect all isolator connections	0.25 hrs	Thu 11/05/23 09:30	Thu 11/05/23 09:45	1477	K Opelo,T Moalosi
1479		Unmount and remove the existing isolator	0.25 hrs	Thu 11/05/23 09:45	Thu 11/05/23 10:00	1478	K Opelo,T Moalosi
1480		Mark new mounting hole	0.25 hrs	Thu 11/05/23 10:00	Thu 11/05/23 10:15	1479	K Opelo,T Moalosi
1481		Drill new mounting hole	0.25 hrs	Thu 11/05/23 10:15	Thu 11/05/23 10:30	1480	K Opelo,T Moalosi
1482		Rivert new mounting nuts	0.25 hrs	Thu 11/05/23 10:30	Thu 11/05/23 10:45	1481	K Opelo,T Moalosi
1483		Position new isolator	0.25 hrs	Thu 11/05/23 10:45	Thu 11/05/23 11:00	1482	K Opelo,T Moalosi
1484		Energise NE19	1.25 hrs	Thu 11/05/23 11:00	Thu 11/05/23 12:45	1483	K Opelo,T Moalosi
1485		Remove Panel door	0.25 hrs	Thu 11/05/23 12:45	Thu 11/05/23 13:00	1484	K Opelo,T Moalosi
1486		Drill new handle holes	0.25 hrs	Thu 11/05/23 13:00	Thu 11/05/23 13:15	1485	K Opelo,T Moalosi
1487		Put back the door	0.25 hrs	Thu 11/05/23 13:15	Thu 11/05/23 13:30	1486	K Opelo,T Moalosi
1488		Position isolator handle and rod	0.25 hrs	Thu 11/05/23 13:30	Thu 11/05/23 13:45	1487	K Opelo,T Moalosi
1489		connet electrical cables	0.25 hrs	Thu 11/05/23 13:45	Thu 11/05/23 14:00	1488	K Opelo,T Moalosi
1490		Isolate board NE19	0.25 hrs	Thu 11/05/23 14:00	Thu 11/05/23 14:15	1489	K Opelo,T Moalosi
1491		Terminate isolator connection	0.25 hrs	Thu 11/05/23 14:15	Thu 11/05/23 14:30	1490	K Opelo,T Moalosi
1492		Energise board NE 19	0.25 hrs	Thu 11/05/23 14:30	Thu 11/05/23 14:45	1491	K Opelo,T Moalosi
1493		Check Loose Connections In The Panel	0.25 hrs	Thu 11/05/23 14:45	Thu 11/05/23 15:00	1492	K Opelo,T Moalosi
1494		Service Panel Components& Clear Dust	0.25 hrs	Thu 11/05/23 15:00	Thu 11/05/23 15:15	1493	K Opelo,T Moalosi
1495		Service Stop/Start	0.25 hrs	Thu 11/05/23 15:15	Thu 11/05/23 15:30	1494	K Opelo,T Moalosi
1496		Check Motor Fan Condition	0.25 hrs	Thu 11/05/23 15:30	Thu 11/05/23 15:45	1495	K Opelo,T Moalosi
1497		Check Cable Terminal Leads For Over Heating	0.25 hrs	Thu 11/05/23 15:45	Thu 11/05/23 16:00	1496	K Opelo,T Moalosi
1498		Tighten Motor Connections& Gland Integrity	0.25 hrs	Thu 11/05/23 16:00	Thu 11/05/23 16:15	1497	K Opelo,T Moalosi
1499		Seal For Moisture And Dust.	0.25 hrs	Thu 11/05/23 16:15	Thu 11/05/23 16:30	1498	K Opelo,T Moalosi
1500		Confirm Correct Protection Settings	0.25 hrs	Thu 11/05/23 16:30	Thu 11/05/23 16:45	1499	K Opelo,T Moalosi
1501		Carryout final inspection	0.25 hrs	Thu 11/05/23 16:45	Thu 11/05/23 17:00	1500	K Opelo,T Moalosi
1502		Clear Permit	0.25 hrs	Thu 11/05/23 17:00	Thu 11/05/23 17:15	1501	K Opelo,T Moalosi
1503		INSTRUMENTATION	109.5 hrs	Thu 04/05/23 13:15	Sun 14/05/23 16:45		
1504	26WI001	BASHSP-0090 - Wash Feed Weightometer - Service	6.25 hrs	Wed 10/05/23 14:00	Thu 11/05/23 09:15		
1505		Make Out Permit	0.25 hrs	Wed 10/05/23 14:00	Wed 10/05/23 14:15	816	Operations
1506		Accept Permit	0.25 hrs	Wed 10/05/23 14:15	Wed 10/05/23 14:30	1505	T Maruping,T Mbangiwa
1507		Carry out risk assessment	0.25 hrs	Wed 10/05/23 14:30	Wed 10/05/23 14:45	1506	T Maruping,T Mbangiwa
1508		Check Alignment Of Conveyor Belt	3 hrs	Wed 10/05/23 14:45	Wed 10/05/23 17:45	1507	T Maruping,T Mbangiwa
1509		Inspect Tachometer Assembly	1 hr	Wed 10/05/23 17:45	Thu 11/05/23 07:45	1508	T Maruping,T Mbangiwa
1510		Inspect For Loose Cable Connections	1 hr	Thu 11/05/23 07:45	Thu 11/05/23 08:45	1509	T Maruping,T Mbangiwa
1511		Clear Permit	0.5 hrs	Thu 11/05/23 08:45	Thu 11/05/23 09:15	1510	T Maruping,T Mbangiwa
1512	26WI005	BASHSP-0091 - Buffer Feed Weightometer- Service	9.25 hrs	Sun 14/05/23 07:00	Sun 14/05/23 16:45		
1513		Make Out Permit	0.25 hrs	Sun 14/05/23 07:00	Sun 14/05/23 07:15	874	Operations
1514		Accept Permit	0.25 hrs	Sun 14/05/23 07:15	Sun 14/05/23 07:30	1513	T Maruping,T Mbangiwa
1515		Carry out risk assessment	0.25 hrs	Sun 14/05/23 07:30	Sun 14/05/23 07:45	1514	T Maruping,T Mbangiwa
1516		Inspect Tachometer Assembly (shaft & bearing)	3 hrs	Sun 14/05/23 07:45	Sun 14/05/23 10:45	1515	T Maruping,T Mbangiwa
1517		Inspect Idlers on the weigh frame	1 hr	Sun 14/05/23 10:45	Sun 14/05/23 11:45	1516	T Maruping,T Mbangiwa
1518		Inspect For Loose Cable Connections	1 hr	Sun 14/05/23 11:45	Sun 14/05/23 13:15	1517	T Maruping,T Mbangiwa
1519		Check Alignment Of Conveyor Belt	3 hrs	Sun 14/05/23 13:15	Sun 14/05/23 16:15	1518	T Maruping,T Mbangiwa
1520		Clear Permit	0.5 hrs	Sun 14/05/23 16:15	Sun 14/05/23 16:45	1519	T Maruping,T Mbangiwa
1521	26WI004	BASHSP-0092 - Stockpile Weightometer - Service	7.25 hrs	Tue 09/05/23 14:00	Wed 10/05/23 10:15		
1522		Make Out Permit	0.25 hrs	Tue 09/05/23 14:00	Tue 09/05/23 14:15	906	Operations
1523		Accept Permit	0.25 hrs	Tue 09/05/23 14:15	Tue 09/05/23 14:30	1522	T Maruping,T Mbangiwa



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
1524		Carry out risk assessment	0.25 hrs	Tue 09/05/23 14:30	Tue 09/05/23 14:45	1523	T Maruping,T Mbangiwa
1525		Check Alignment Of Weigh frame	3 hrs	Tue 09/05/23 14:45	Tue 09/05/23 17:45	1524	T Maruping,T Mbangiwa
1526		Inspect Tachometer Assembly	1 hr	Tue 09/05/23 17:45	Wed 10/05/23 07:45	1525	T Maruping,T Mbangiwa
1527		Inspect Idlers	1 hr	Wed 10/05/23 07:45	Wed 10/05/23 08:45	1526	T Maruping,T Mbangiwa
1528		Inspect For Loose Cable Connections	1 hr	Wed 10/05/23 08:45	Wed 10/05/23 09:45	1527	T Maruping,T Mbangiwa
1529		Clear Permit	0.5 hrs	Wed 10/05/23 09:45	Wed 10/05/23 10:15	1528	Operations
1530	26WI007	BASHSP-0093 - Yard Feed Weightometer - Service	7.25 hrs	Sun 14/05/23 07:15	Sun 14/05/23 15:00		
1531		Make Out Permit	0.25 hrs	Sun 14/05/23 07:15	Sun 14/05/23 07:30	429	Operations
1532		Accept Permit	0.25 hrs	Sun 14/05/23 07:30	Sun 14/05/23 07:45	1531	T Maruping,T Mbangiwa
1533		Carry out risk assessment	0.25 hrs	Sun 14/05/23 07:45	Sun 14/05/23 08:00	1532	T Maruping,T Mbangiwa
1534		Check Alignment Of Weigh Frame	3 hrs	Sun 14/05/23 08:00	Sun 14/05/23 11:00	1533	T Maruping,T Mbangiwa
1535		Inspect Tachometer Assembly	1 hr	Sun 14/05/23 11:00	Sun 14/05/23 12:00	1534	T Maruping,T Mbangiwa
1536		Inspect Idlers	1 hr	Sun 14/05/23 12:30	Sun 14/05/23 13:30	1535	T Maruping,T Mbangiwa
1537		Inspect For Loose Cable Connections	1 hr	Sun 14/05/23 13:30	Sun 14/05/23 14:30	1536	T Maruping,T Mbangiwa
1538		Clear Permit	0.5 hrs	Sun 14/05/23 14:30	Sun 14/05/23 15:00	1537	T Maruping,T Mbangiwa
1539	26PC026	BASHSP-0094 - Bitterns pressure control valve - replace valve	6.75 hrs	Thu 04/05/23 13:15	Fri 05/05/23 08:30		
1540		Make out permit	0.25 hrs	Thu 04/05/23 13:15	Thu 04/05/23 13:30	694	Operations
1541		Accept permit	0.25 hrs	Thu 04/05/23 13:30	Thu 04/05/23 13:45	1540	T Maruping,T Mbangiwa
1542		Carry out risk assessment	0.25 hrs	Thu 04/05/23 13:45	Thu 04/05/23 14:00	1541	T Maruping,T Mbangiwa
1543		Disconnect instruments	0.5 hrs	Thu 04/05/23 14:00	Thu 04/05/23 14:30	1542	T Maruping,T Mbangiwa
1544		Remove valve	1 hr	Thu 04/05/23 14:30	Thu 04/05/23 15:30	1543	A Omphile,L Kelapile,O Manere,T Maruping,T Mbangiwa,K Bontsibokae,C
1545		Inspect valve	2 hrs	Thu 04/05/23 15:30	Thu 04/05/23 17:30	1544	T Maruping,T Mbangiwa
1546		Install valve	2 hrs	Thu 04/05/23 17:30	Fri 05/05/23 08:00	1545	A Omphile,L Kelapile,O Manere,T Maruping,T Mbangiwa,K Bontsibokae,C
1547		Stroke check valve	0.25 hrs	Fri 05/05/23 08:00	Fri 05/05/23 08:15	1546	T Maruping,T Mbangiwa
1548		Clear permit	0.25 hrs	Fri 05/05/23 08:15	Fri 05/05/23 08:30	1547	T Maruping,T Mbangiwa
1549	26FC002	BASHSP-0095 - N-Brine to Wash tank #3 Flow control valve - Overhaul	8 hrs	Fri 05/05/23 08:30	Fri 05/05/23 17:00		
1550		Make out permit	0.25 hrs	Fri 05/05/23 08:30	Fri 05/05/23 08:45	1548	T Maruping,T Mbangiwa
1551		Accept permit	0.25 hrs	Fri 05/05/23 08:45	Fri 05/05/23 09:00	1550	T Maruping,T Mbangiwa
1552		Carry out risk assessment	0.25 hrs	Fri 05/05/23 09:00	Fri 05/05/23 09:15	1551	T Maruping,T Mbangiwa
1553		Disconnect instruments	0.5 hrs	Fri 05/05/23 09:15	Fri 05/05/23 09:45	1552	T Maruping,T Mbangiwa
1554		Remove valve	1 hr	Fri 05/05/23 09:45	Fri 05/05/23 10:45	1553	T Maruping,T Mbangiwa
1555		Overhaul the valve	3 hrs	Fri 05/05/23 10:45	Fri 05/05/23 14:15	1554	T Maruping,T Mbangiwa
1556		Install valve	2 hrs	Fri 05/05/23 14:15	Fri 05/05/23 16:15	1555	T Maruping,T Mbangiwa
1557		Stroke check valve	0.5 hrs	Fri 05/05/23 16:15	Fri 05/05/23 16:45	1556	T Maruping,T Mbangiwa
1558		Clear permit	0.25 hrs	Fri 05/05/23 16:45	Fri 05/05/23 17:00	1557	T Maruping,T Mbangiwa
1559	26TC007	BASHSP-0096 - N-Brine To Wash tank # 3 Temp valve - overhaul valve	8.75 hrs	Fri 05/05/23 17:00	Sat 06/05/23 14:45		
1560		Make out permit	0.25 hrs	Fri 05/05/23 17:00	Fri 05/05/23 17:15	1558	Operations
1561		Accept permit	0.25 hrs	Fri 05/05/23 17:15	Fri 05/05/23 17:30	1560	T Maruping,T Mbangiwa
1562		Carry out risk assessment	0.25 hrs	Fri 05/05/23 17:30	Fri 05/05/23 17:45	1561	T Maruping,T Mbangiwa
1563		Disconnect instruments	0.5 hrs	Fri 05/05/23 17:45	Fri 05/05/23 18:15	1562	T Maruping,T Mbangiwa
1564		Remove valve	2 hrs	Fri 05/05/23 18:15	Sat 06/05/23 08:45	1563	A Omphile,L Kelapile,O Manere,T Maruping,T Mbangiwa,K Bontsibokae,C
1565		Overhaul valve	3 hrs	Sat 06/05/23 08:45	Sat 06/05/23 11:45	1564	T Maruping,T Mbangiwa
1566		Install valve	2 hrs	Sat 06/05/23 11:45	Sat 06/05/23 14:15	1565	A Omphile,L Kelapile,O Manere,T Maruping,T Mbangiwa,K Bontsibokae,C
1567		Stroke check valve	0.25 hrs	Sat 06/05/23 14:15	Sat 06/05/23 14:30	1566	T Maruping,T Mbangiwa
1568		Clear permit	0.25 hrs	Sat 06/05/23 14:30	Sat 06/05/23 14:45	1567	T Maruping,T Mbangiwa
1569		CIVILS	150 hrs	Thu 04/05/23 16:30	Fri 19/05/23 07:30		
1570		BASHSP-0098 - Road Hopper - Repair concreteworks	100 hrs	Thu 04/05/23 16:30	Sun 14/05/23 10:00	297	
1571		BASHSP-0099 - Road Hopper - Repair guardrail	50 hrs	Sun 14/05/23 10:00	Fri 19/05/23 07:30	1570	
1572	26B2	SALT DRYING & MILLING	221 hrs	Wed 03/05/23 06:30	Tue 23/05/23 17:00		
1573		OPERATIONS	87.5 hrs	Thu 04/05/23 17:00	Sat 13/05/23 08:30		
1574		BASHSP-0100 - Plant stoppage	8 hrs	Thu 04/05/23 17:00	Fri 05/05/23 14:00		
1575		Stop feed	0 hrs	Thu 04/05/23 17:00	Thu 04/05/23 17:00	6	
1576		Run plant empty	8 hrs	Thu 04/05/23 17:00	Fri 05/05/23 14:00	7,1575	Operations



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
1577		BASHSP-01014 - Cleaning	24 hrs	Thu 04/05/23 17:00	Sun 07/05/23 08:00		
1578		General Cleaning	24 hrs	Thu 04/05/23 17:00	Sun 07/05/23 08:00	1576SS	Operations
1579	26BFS01	BASHSP-0102 - Silo 1 – Cleaning	13 hrs	Mon 08/05/23 07:00	Tue 09/05/23 09:30		
1580		Make Out Permit	0.25 hrs	Mon 08/05/23 07:00	Mon 08/05/23 07:15		Operations
1581		Accept Permit	0.25 hrs	Mon 08/05/23 07:15	Mon 08/05/23 07:30	1580	Operations
1582		Carry out risk assessment	0.25 hrs	Mon 08/05/23 07:30	Mon 08/05/23 07:45	1581	Operations
1583		Clean the silo	4.5 hrs	Mon 08/05/23 07:45	Mon 08/05/23 12:45	1582	Operations
1584		Soak and dry	4.5 hrs	Mon 08/05/23 12:45	Mon 08/05/23 17:15	1583	Operations
1585		Housekeeping	3 hrs	Mon 08/05/23 17:15	Tue 09/05/23 09:15	1584	Operations
1586		Clear permit	0.25 hrs	Tue 09/05/23 09:15	Tue 09/05/23 09:30	1585	Operations
1587	26BFS02	BASHSP-0103 - Silo 2 – Cleaning	12 hrs	Wed 10/05/23 07:00	Thu 11/05/23 08:30		
1588		Make Out Permit	0.25 hrs	Wed 10/05/23 07:00	Wed 10/05/23 07:15		Operations
1589		Accept Permit	0.25 hrs	Wed 10/05/23 07:15	Wed 10/05/23 07:30	1588	Operations
1590		Carry out risk assessment	0.25 hrs	Wed 10/05/23 07:30	Wed 10/05/23 07:45	1589	Operations
1591		Clean the silo	4 hrs	Wed 10/05/23 07:45	Wed 10/05/23 11:45	1590	Operations
1592		Soak and dry	4 hrs	Wed 10/05/23 11:45	Wed 10/05/23 16:15	1591	Operations
1593		Housekeeping	3 hrs	Wed 10/05/23 16:15	Thu 11/05/23 08:15	1592	Operations
1594		Clear permit	0.25 hrs	Thu 11/05/23 08:15	Thu 11/05/23 08:30	1593	Operations
1595	26BFS03	BASHSP-0104 - Silo 3 – Cleaning	12 hrs	Fri 12/05/23 07:00	Sat 13/05/23 08:30		
1596		Make Out Permit	0.25 hrs	Fri 12/05/23 07:00	Fri 12/05/23 07:15		Operations
1597		Accept Permit	0.25 hrs	Fri 12/05/23 07:15	Fri 12/05/23 07:30	1596	Operations
1598		Carry out risk assessment	0.25 hrs	Fri 12/05/23 07:30	Fri 12/05/23 07:45	1597	Operations
1599		Clean the silo	4 hrs	Fri 12/05/23 07:45	Fri 12/05/23 11:45	1598	Operations
1600		Soak and dry	4 hrs	Fri 12/05/23 11:45	Fri 12/05/23 16:15	1599	Operations
1601		Housekeeping	3 hrs	Fri 12/05/23 16:15	Sat 13/05/23 08:15	1600	Operations
1602		Clear permit	0.25 hrs	Sat 13/05/23 08:15	Sat 13/05/23 08:30	1601	Operations
1603		MECHANICAL	221 hrs	Wed 03/05/23 06:30	Tue 23/05/23 17:00		
1604	26B2RE02	BASHSP-0106 - Drier Feed Conveyor - Carry Out Inspection	42 hrs	Thu 04/05/23 17:00	Mon 08/05/23 16:00		
1605		Clean Conveyor	0 hrs	Thu 04/05/23 17:00	Thu 04/05/23 17:00	1576SS	Operations
1606		Make Out Permit	0.25 hrs	Fri 05/05/23 14:00	Fri 05/05/23 14:15	1576	Operations
1607		Accept Permit	0.25 hrs	Fri 05/05/23 14:15	Fri 05/05/23 14:30	1606	
1608		Carry out risk assessment	0.25 hrs	Fri 05/05/23 14:30	Fri 05/05/23 14:45	1607	O Gabana,Z Chabulula
1609		Lift Counterweights	1 hr	Fri 05/05/23 14:45	Fri 05/05/23 15:45	1608	A Omphile,L Kelapile,O Manere
1610		chute alignment	12 hrs	Fri 05/05/23 15:45	Sat 06/05/23 16:45	1609	O Gabana,Z Chabulula,K Fanyane,R Selo
1611		Replace All Bearing De , Nde&Pulleys (12 Bearings)	12 hrs	Sat 06/05/23 16:45	Mon 08/05/23 07:15	1610	O Gabana,Z Chabulula
1612		Drain, Flush&Replace Gearbox Oil	2 hrs	Mon 08/05/23 07:15	Mon 08/05/23 09:15	1611	O Gabana,Z Chabulula
1613		Replace V-Belts	0.5 hrs	Mon 08/05/23 09:15	Mon 08/05/23 09:45	1612	O Gabana,Z Chabulula
1614		Replace Troughing Idlers	3 hrs	Mon 08/05/23 09:45	Mon 08/05/23 13:15	1613	O Gabana,Z Chabulula
1615		Inspect And Repair Inlet Chute & Skirting	2 hrs	Mon 08/05/23 13:15	Mon 08/05/23 15:15	1614	O Gabana,Z Chabulula
1616		Drop Counterweights	0.5 hrs	Mon 08/05/23 15:15	Mon 08/05/23 15:45	1615	A Omphile,L Kelapile,O Manere
1617		Clear Permit	0.25 hrs	Mon 08/05/23 15:45	Mon 08/05/23 16:00	1616	A Omphile,L Kelapile,O Manere
1618	26B2RM01	BASHSP-0107 - Discharge Device (Starvrack) - Replace screw	72.25 hrs	Thu 04/05/23 17:00	Thu 11/05/23 14:45		
1619		Empty Buffer Silo & Park Starvrack - Screw (5 Meter From Door)	0 hrs	Thu 04/05/23 17:00	Thu 04/05/23 17:00	1576SS	Operations
1620		Issue Vessel Entry Permit	0.25 hrs	Thu 04/05/23 17:00	Thu 04/05/23 17:15	1619	Operations
1621		Accept Permit	0.25 hrs	Thu 04/05/23 17:15	Thu 04/05/23 17:30	1620	O Gabana,Z Chabulula
1622		Carry out risk assessment	0.25 hrs	Thu 04/05/23 17:30	Thu 04/05/23 17:45	1621	O Gabana,Z Chabulula
1623		Cut Off The Gate Hinges	1 hr	Thu 04/05/23 17:45	Fri 05/05/23 07:15	1622	K Fanyane,R Selo
1624		Disconnect Main & Traverse Drives	2 hrs	Fri 05/05/23 07:15	Fri 05/05/23 09:15	1623	K Opelo,T Moalosi
1625		Rig out traverse drive	6.5 hrs	Fri 05/05/23 09:15	Fri 05/05/23 16:15	1624	Operations
1626		Perform Gas Test (Every 8 Hours)	0.25 hrs	Fri 05/05/23 16:15	Fri 05/05/23 16:30	1625	Laboratory
1627		Support Tunnel & Remove The Dome	6 hrs	Fri 05/05/23 16:30	Sat 06/05/23 11:00	1626	O Gabana,Z Chabulula,A Omphile,L Kelapile,O Manere,M_Crane7T
1628		Remove starvrack screw	4 hrs	Sat 06/05/23 11:00	Sat 06/05/23 15:30	1627	O Gabana,Z Chabulula,A Omphile,L Kelapile,O Manere,M_Crane7T
1629		Remove main Drive	3 hrs	Sat 06/05/23 15:30	Sun 07/05/23 07:30	1628	O Gabana,Z Chabulula,A Omphile,L Kelapile,O Manere,M_Crane7T



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
1630		Remove Top bearing & housing adaptor	8 hrs	Sun 07/05/23 07:30	Sun 07/05/23 16:00	1629	O Gabana,Z Chabulula,A Omphile,L Kelapile,O Manere,M_Crane7T
1631		Inspect & lubricate main screw bearings	2 hrs	Sun 07/05/23 16:00	Sun 07/05/23 18:00	1630	O Gabana,Z Chabulula,A Omphile,L Kelapile,O Manere,M_Crane7T
1632		Inspect Sprockets, Drive Chain And Replace If Necessary	3 hrs	Mon 08/05/23 07:00	Mon 08/05/23 10:00	1631	O Gabana,Z Chabulula,A Omphile,L Kelapile,O Manere,M_Crane7T
1633		Drain, Flush& Replace Gearbox Oil	0.5 hrs	Mon 08/05/23 10:00	Mon 08/05/23 10:30	1632	O Gabana,Z Chabulula,A Omphile,L Kelapile,O Manere,M_Crane7T
1634		Remove,inspect and lubricate bottom bearings	4 hrs	Mon 08/05/23 10:30	Mon 08/05/23 15:00	1633	O Gabana,Z Chabulula,A Omphile,L Kelapile,O Manere,M_Crane7T
1635		Clean housing adaptor	2 hrs	Mon 08/05/23 15:00	Mon 08/05/23 17:00	1634	Z Chabulula,A Omphile,L Kelapile,O Manere,M_Crane7T,O Gabana
1636		Install bottom bearing	3 hrs	Mon 08/05/23 17:00	Tue 09/05/23 09:00	1635	O Gabana,Z Chabulula,A Omphile,L Kelapile,O Manere,M_Crane7T
1637		Install top bearing & housing adaptor	4 hrs	Tue 09/05/23 09:00	Tue 09/05/23 13:30	1636	O Gabana,Z Chabulula,A Omphile,L Kelapile,O Manere,M_Crane7T
1638		install Main Screw bearing assembly	2 hrs	Tue 09/05/23 13:30	Tue 09/05/23 15:30	1637	O Gabana,Z Chabulula,A Omphile,L Kelapile,O Manere,M_Crane7T
1639		Replace starvrack screw	4 hrs	Tue 09/05/23 15:30	Wed 10/05/23 08:30	1638	O Gabana,Z Chabulula,A Omphile,L Kelapile,O Manere,M_Crane7T
1640		Install main screw drive and couple	6 hrs	Wed 10/05/23 08:30	Wed 10/05/23 15:00	1639	O Gabana,Z Chabulula,A Omphile,L Kelapile,O Manere,M_Crane7T
1641		Ensure Lube Points Are Ok	0.5 hrs	Wed 10/05/23 15:00	Wed 10/05/23 15:30	1640	O Gabana,Z Chabulula
1642		Connect Auto Lubes To Top, Bottom And Main Screw Bearings	0.5 hrs	Wed 10/05/23 15:30	Wed 10/05/23 16:00	1641	O Gabana,Z Chabulula
1643		Grease Main Gear	1 hr	Wed 10/05/23 16:00	Wed 10/05/23 17:00	1642	O Gabana,Z Chabulula
1644		Install Dome	2 hrs	Wed 10/05/23 17:00	Thu 11/05/23 08:00	1643	O Gabana,Z Chabulula
1645		Install traverse drive	2 hrs	Thu 11/05/23 08:00	Thu 11/05/23 10:00	1644	O Gabana,Z Chabulula
1646		Connect Up Drive	1 hr	Thu 11/05/23 10:00	Thu 11/05/23 11:00	1645	O Gabana,Z Chabulula
1647		Weld Back The Gate Hinges	2 hrs	Thu 11/05/23 11:00	Thu 11/05/23 13:30	1646	K Fanyane,R Seloi
1648		Box Up	1 hr	Thu 11/05/23 13:30	Thu 11/05/23 14:30	1647	O Gabana,Z Chabulula
1649		Clear Permit	0.25 hrs	Thu 11/05/23 14:30	Thu 11/05/23 14:45	1648	O Gabana,Z Chabulula
1650	26B2RE01	BASHSP-0108 - Buffer Feed Conveyor - Replace Conveyor	31.75 hrs	Thu 04/05/23 17:00	Sun 07/05/23 16:15		
1651		Carry Out Clean (Tail End And De)	4.5 hrs	Thu 04/05/23 17:00	Fri 05/05/23 10:00	1619SS	Operations
1652		Erect Scaffold By The Counterweight	0 hrs	Thu 04/05/23 17:00	Thu 04/05/23 17:00	1651SF	RSC
1653		Make Out Permit	0.25 hrs	Thu 04/05/23 17:00	Thu 04/05/23 17:15	1652,1651SS	Operations
1654		Accept Permit	0.25 hrs	Thu 04/05/23 17:15	Thu 04/05/23 17:30	1653	O Gabana,Z Chabulula
1655		Carry out risk assessment	0.25 hrs	Thu 04/05/23 17:30	Thu 04/05/23 17:45	1654	O Gabana,Z Chabulula
1656		Lift Counterweights	0.5 hrs	Thu 04/05/23 17:45	Thu 04/05/23 18:15	1655	A Omphile,L Kelapile,O Manere
1657		Cut & remove the belt and pull in new belt	4 hrs	Thu 04/05/23 18:15	Fri 05/05/23 10:45	1656	O Gabana,Z Chabulula,A Omphile,L Kelapile,O Manere
1658		Connect electrical	1 hr	Fri 05/05/23 10:45	Fri 05/05/23 11:45	1657	K Opelo,T Moalosi
1659		Carry out Splice	5 hrs	Fri 05/05/23 11:45	Fri 05/05/23 17:15	1658	Horizons
1660		Allow to cure	4 hrs	Fri 05/05/23 17:15	Sat 06/05/23 09:45	1659	O Gabana,Z Chabulula
1661		Inspect All Pulley Bearings & Replace Where Necessary.	8 hrs	Sat 06/05/23 09:45	Sun 07/05/23 07:15	1660	O Gabana,Z Chabulula
1662		Replace Skirting	2 hrs	Sun 07/05/23 07:15	Sun 07/05/23 09:15	1661	O Gabana,Z Chabulula
1663		Replace Troughing Idlers	2.5 hrs	Sun 07/05/23 09:15	Sun 07/05/23 11:45	1662	O Gabana,Z Chabulula
1664		Install Scraper	2.5 hrs	Sun 07/05/23 11:45	Sun 07/05/23 14:45	1663	O Gabana,Z Chabulula
1665		Drain, Flush& Replace Gearbox Oil	0.5 hrs	Sun 07/05/23 14:45	Sun 07/05/23 15:15	1664	O Gabana,Z Chabulula
1666		Replace V Belts, Inspect Pulleys	0.5 hrs	Sun 07/05/23 15:15	Sun 07/05/23 15:45	1665	O Gabana,Z Chabulula
1667		Drop Counterweights	0.25 hrs	Sun 07/05/23 15:45	Sun 07/05/23 16:00	1666	A Omphile,L Kelapile,O Manere
1668		Clear Permit	0.25 hrs	Sun 07/05/23 16:00	Sun 07/05/23 16:15	1667	O Gabana,Z Chabulula
1669	26B2RE01	BASHSP-0109 - Buffer Feed Conveyor - Install sure guides	17.25 hrs	Thu 04/05/23 17:00	Sat 06/05/23 11:45		
1670		Erect Scaffold By The Counterweight	0 hrs	Thu 04/05/23 17:00	Thu 04/05/23 17:00	1652SS	RSC
1671		Make Out Permit	0.25 hrs	Thu 04/05/23 17:15	Thu 04/05/23 17:30	1670,1653	Operations
1672		Accept Permit	0.25 hrs	Thu 04/05/23 17:30	Thu 04/05/23 17:45	1671	O Gabana,Z Chabulula
1673		Carry out risk assessment	0.25 hrs	Thu 04/05/23 17:45	Thu 04/05/23 18:00	1672	O Gabana,Z Chabulula
1674		Lift counterweights	1 hr	Thu 04/05/23 18:00	Fri 05/05/23 07:30	1673	A Omphile,L Kelapile,O Manere,O Gabana,Z Chabulula
1675		Remove ilder frames	6 hrs	Fri 05/05/23 07:30	Fri 05/05/23 14:00	1674	A Omphile,L Kelapile,O Manere,O Gabana,Z Chabulula
1676		Install sure guides	8 hrs	Fri 05/05/23 14:00	Sat 06/05/23 10:30	1675	A Omphile,L Kelapile,O Manere,O Gabana,Z Chabulula
1677		Drop counterweights	1 hr	Sat 06/05/23 10:30	Sat 06/05/23 11:30	1676	A Omphile,L Kelapile,O Manere,O Gabana,Z Chabulula
1678		Clear permit	0.25 hrs	Sat 06/05/23 11:30	Sat 06/05/23 11:45	1677	O Gabana,Z Chabulula
1679	26B2GB01	BASHSP-0110 - Drying Air Blower - Inspection	26.5 hrs	Mon 08/05/23 16:00	Thu 11/05/23 10:30		
1680		Carry Out Cleaning	0 hrs	Mon 08/05/23 16:00	Mon 08/05/23 16:00	1617	Operations
1681		Make Out Permit	0.25 hrs	Mon 08/05/23 16:00	Mon 08/05/23 16:15	1680	Operations
1682		Accept Permit	0.25 hrs	Mon 08/05/23 16:15	Mon 08/05/23 16:30	1681	



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
1683		Carry out risk assessment	0.25 hrs	Mon 08/05/23 16:30	Mon 08/05/23 16:45	1682	O Gabana,Z Chabulula
1684		Remove Guard	1 hr	Mon 08/05/23 16:45	Mon 08/05/23 17:45	1683	O Gabana,Z Chabulula
1685		Remove V-belts	1 hr	Mon 08/05/23 17:45	Tue 09/05/23 07:45	1684	
1686		Remove Dumper Vanes And overhaul	6 hrs	Tue 09/05/23 07:45	Tue 09/05/23 14:15	1685	O Gabana,Z Chabulula
1687		Install dumper vanes	3 hrs	Tue 09/05/23 14:15	Tue 09/05/23 17:15	1686	
1688		Inspect fan	1 hr	Tue 09/05/23 17:15	Wed 10/05/23 07:15	1687	O Gabana,Z Chabulula
1689		Remove and replace Bearings	6 hrs	Wed 10/05/23 07:15	Wed 10/05/23 13:45	1688	O Gabana,Z Chabulula
1690		Inspect Bellow and replace necessary	1 hr	Wed 10/05/23 13:45	Wed 10/05/23 14:45	1689	O Gabana,Z Chabulula
1691		Install dumper bellow	3 hrs	Wed 10/05/23 14:45	Wed 10/05/23 17:45	1690	O Gabana,Z Chabulula
1692		Change Vee Belts	1.5 hrs	Wed 10/05/23 17:45	Thu 11/05/23 08:15	1691	O Gabana,Z Chabulula
1693		Check Balancing Weights	1 hr	Thu 11/05/23 08:15	Thu 11/05/23 09:15	1692	Reliability
1694		Inspect Suction Silencer	1 hr	Thu 11/05/23 09:15	Thu 11/05/23 10:15	1693	O Gabana,Z Chabulula
1695		Clear Permit	0.25 hrs	Thu 11/05/23 10:15	Thu 11/05/23 10:30	1694	Operations
1696		BASHSP-0111 - Blower Exhaust Pipes - Install exhaust pipes	28 hrs	Mon 15/05/23 14:45	Thu 18/05/23 10:45		
1697		Transport pipes to site (prior)	0 hrs	Mon 15/05/23 14:45	Mon 15/05/23 14:45	1820	K Fanyane,R Seloi,Fitter
1698		Issue Permit To Work	0.25 hrs	Mon 15/05/23 14:45	Mon 15/05/23 15:00	1697	
1699		Accept permit	0.25 hrs	Mon 15/05/23 15:00	Mon 15/05/23 15:15	1698	K Fanyane,R Seloi
1700		Carry out risk assessment	0.25 hrs	Mon 15/05/23 15:15	Mon 15/05/23 15:30	1699	All
1701		Cut out old pipes	4 hrs	Mon 15/05/23 15:30	Tue 16/05/23 08:30	1700	K Fanyane,R Seloi
1702		Rig out old pipes	4 hrs	Tue 16/05/23 08:30	Tue 16/05/23 13:00	1701	A Omphile,K Bontsibokae,O Manere
1703		Rig in new pipes	4 hrs	Tue 16/05/23 13:00	Tue 16/05/23 17:00	1702	A Omphile,K Bontsibokae,O Manere
1704		Position/align & bolt up pipes	10 hrs	Tue 16/05/23 17:00	Wed 17/05/23 16:30	1703	K Fanyane,R Seloi,Fitter
1705		Secure pipes on the rack	2 hrs	Wed 17/05/23 16:30	Thu 18/05/23 07:30	1704	K Fanyane,R Seloi
1706		Test for leaks	1 hr	Thu 18/05/23 07:30	Thu 18/05/23 08:30	1705	Fitter
1707		Quality check	1 hr	Thu 18/05/23 08:30	Thu 18/05/23 09:30	1706	Foreman
1708		Housekeeping	1 hr	Thu 18/05/23 09:30	Thu 18/05/23 10:30	1707	All
1709		Clear permit	0.25 hrs	Thu 18/05/23 10:30	Thu 18/05/23 10:45	1708	Ops
1710	26B2GB02	BASHSP-0112 - Cooling Air Blower - Overhaul	33.25 hrs	Mon 08/05/23 16:00	Thu 11/05/23 17:45		
1711		Carry Out Cleaning	0 hrs	Mon 08/05/23 16:00	Mon 08/05/23 16:00	1680	Operations
1712		Make Out Permit	0.25 hrs	Mon 08/05/23 16:15	Mon 08/05/23 16:30	1711,1681	Operations
1713		Accept Permit	0.25 hrs	Mon 08/05/23 16:30	Mon 08/05/23 16:45	1712	O Gabana,Z Chabulula
1714		Carry out risk assessment	0.25 hrs	Mon 08/05/23 16:45	Mon 08/05/23 17:00	1713	O Gabana,Z Chabulula
1715		Remove V-belts&pulleys	2 hrs	Mon 08/05/23 17:00	Tue 09/05/23 08:00	1714	O Gabana,Z Chabulula
1716		Remove fan , bearing barrel & Fan casing	4 hrs	Tue 09/05/23 08:00	Tue 09/05/23 12:00	1715	O Gabana,Z Chabulula,A Omphile,L Kelapile,O Manere,M_Crane35T
1717		Inspect discharge dump	1 hr	Tue 09/05/23 12:30	Tue 09/05/23 13:30	1716	O Gabana,Z Chabulula
1718		Repair casing	6 hrs	Tue 09/05/23 13:30	Wed 10/05/23 08:30	1717	K Fanyane,R Seloi
1719		Clean Out Impeller Blades	1 hr	Wed 10/05/23 08:30	Wed 10/05/23 09:30	1718	Operations
1720		Overhaul barrel	6 hrs	Wed 10/05/23 09:30	Wed 10/05/23 16:00	1719	O Gabana,Z Chabulula
1721		Install fan & Fan casing	4 hrs	Wed 10/05/23 16:00	Thu 11/05/23 09:00	1720	O Gabana,Z Chabulula,A Omphile,L Kelapile,O Manere,M_Crane35T
1722		Install the barrel	2 hrs	Thu 11/05/23 09:00	Thu 11/05/23 11:00	1721	O Gabana,Z Chabulula,A Omphile,L Kelapile,O Manere,M_Crane35T
1723		Change Vee Belts & Inspect Pulleys	2 hrs	Thu 11/05/23 11:00	Thu 11/05/23 13:30	1722	O Gabana,Z Chabulula
1724		Align pulleys and tension vee belts	1.5 hrs	Thu 11/05/23 13:30	Thu 11/05/23 15:00	1723	O Gabana,Z Chabulula
1725		Check Balancing Weights	1 hr	Thu 11/05/23 15:00	Thu 11/05/23 16:00	1724	Reliability
1726		Inspect Suction Silencer	1.5 hrs	Thu 11/05/23 16:00	Thu 11/05/23 17:30	1725	O Gabana,Z Chabulula
1727		Clear Permit	0.25 hrs	Thu 11/05/23 17:30	Thu 11/05/23 17:45	1726	Operations
1728	26B2GB03	BASHSP-0113 - Exhaust Air Fan - Inspection	107.5 hrs	Mon 08/05/23 16:00	Fri 19/05/23 07:30		
1729		Carry Out Cleaning	2.5 hrs	Mon 08/05/23 16:00	Tue 09/05/23 07:30	1711SS	Operations
1730		Make Out Permit	0.25 hrs	Tue 09/05/23 07:30	Tue 09/05/23 07:45	1729,1712	Operations
1731		Accept Permit	0.25 hrs	Tue 09/05/23 07:45	Tue 09/05/23 08:00	1730	O Gabana,Z Chabulula
1732		Carry out risk assessment	0.25 hrs	Tue 09/05/23 08:00	Tue 09/05/23 08:15	1731	O Gabana,Z Chabulula
1733		Remove Guard	1 hr	Tue 09/05/23 08:15	Tue 09/05/23 09:15	1732	L Kelapile,M_Crane7T,O Gabana,O Manere,Z Chabulula
1734		Remove V-belts	1 hr	Tue 09/05/23 09:15	Tue 09/05/23 10:15	1733	O Gabana,Z Chabulula
1735		Remove Air Damper for overhaul	2 hrs	Tue 09/05/23 10:15	Tue 09/05/23 12:45	1734	M_Crane20T,O Gabana,Z Chabulula,A Omphile,L Kelapile,O Manere



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
1736		Open Up Casing Cover	2 hrs	Tue 09/05/23 12:45	Tue 09/05/23 14:45	1735	O Gabana,Z Chabulula
1737		Rig out impeller	2.5 hrs	Tue 09/05/23 14:45	Tue 09/05/23 17:15	1736	M_Crane20T,O Gabana,Z Chabulula,A Omphile,L Kelapile,O Manere
1738		Rig out fan casing & motor	4 hrs	Tue 09/05/23 17:15	Wed 10/05/23 10:15	1737	M_Crane20T,O Gabana,Z Chabulula,A Omphile,L Kelapile,O Manere
1739		Repair cracks	8 hrs	Wed 10/05/23 10:15	Thu 11/05/23 07:45	1738	K Fanyane,R Selo
1740		Sandblast & paint casing	12 hrs	Thu 11/05/23 07:45	Fri 12/05/23 09:15	1739	Painter
1741		Allow to cure	12 hrs	Fri 12/05/23 09:15	Sat 13/05/23 10:45	1740	Painter
1742		Check rubber lining & carry out repairs if necessary	12 hrs	Sat 13/05/23 10:45	Sun 14/05/23 12:45	1741	Horizons
1743		Carry out repairs on the concrete	12 hrs	Sun 14/05/23 12:45	Mon 15/05/23 14:15	1742	Pamwe
1744		Rig in fan casing and motor	4 hrs	Mon 15/05/23 14:15	Tue 16/05/23 07:15	1743	A Omphile,L Kelapile,O Manere
1745		Rig in impeller	3 hrs	Tue 16/05/23 07:15	Tue 16/05/23 10:15	1744	A Omphile,L Kelapile,O Manere,O Gabana,Z Chabulula
1746		Inspect Suction Piece&Replace Missing Bolts	1 hr	Tue 16/05/23 10:15	Tue 16/05/23 11:15	1745	O Gabana,Z Chabulula
1747		Overhaul Air Damper	16 hrs	Tue 16/05/23 11:15	Wed 17/05/23 17:15	1746	O Gabana,Z Chabulula,A Omphile,L Kelapile,O Manere
1748		Open Bearings & replace	4 hrs	Wed 17/05/23 17:15	Thu 18/05/23 10:15	1747	O Gabana,Z Chabulula
1749		Install Casing Cover	1.5 hrs	Thu 18/05/23 10:15	Thu 18/05/23 11:45	1748	O Gabana,Z Chabulula,A Omphile,L Kelapile,O Manere
1750		Install overhauled Air Damper	2 hrs	Thu 18/05/23 11:45	Thu 18/05/23 14:15	1749	O Gabana,Z Chabulula
1751		Change Vee Belts	2 hrs	Thu 18/05/23 14:15	Thu 18/05/23 16:15	1750	O Gabana,Z Chabulula
1752		Clean Out Impeller Blades	1 hr	Thu 18/05/23 16:15	Thu 18/05/23 17:15	1751	Operations
1753		Check Balancing Weights	1 hr	Thu 18/05/23 17:15	Fri 19/05/23 07:15	1752	Reliability
1754		Clear Permit	0.25 hrs	Fri 19/05/23 07:15	Fri 19/05/23 07:30	1753	Operations
1755	26B2GR02	BASHSP-0114 - Fluid Bed Cooler - Carry Out Inspection	43.75 hrs	Mon 08/05/23 16:00	Fri 12/05/23 17:45		
1756		Clean Out Cooler	0 hrs	Mon 08/05/23 16:00	Mon 08/05/23 16:00	1711	Operations
1757		Make Out Permit	0 hrs	Mon 08/05/23 16:30	Mon 08/05/23 16:30	1756,1712	Operations
1758		Accept Permit	0.25 hrs	Mon 08/05/23 16:30	Mon 08/05/23 16:45	1757	O Gabana,Z Chabulula
1759		Carry out risk assessment	0.25 hrs	Mon 08/05/23 16:45	Mon 08/05/23 17:00	1758	O Gabana,Z Chabulula
1760		Open Cooler	0.5 hrs	Mon 08/05/23 17:00	Mon 08/05/23 17:30	1759	O Gabana,Z Chabulula
1761		Align discharge pipe to the RH05 Inlet	4 hrs	Mon 08/05/23 17:30	Tue 09/05/23 10:30	1760	Z Chabulula,K Fanyane,O Gabana,R Selo
1762		Wash Cooler	2.5 hrs	Tue 09/05/23 10:30	Tue 09/05/23 13:30	1761	Operations
1763		pressurise tubes	3 hrs	Tue 09/05/23 13:30	Tue 09/05/23 16:30	1762	O Gabana,Z Chabulula,Operations
1764		Inspect For Tube Leaks	24 hrs	Tue 09/05/23 16:30	Fri 12/05/23 08:30	1763	O Gabana,Z Chabulula,Operations
1765		Carry Out Repairs If Necessary	8 hrs	Fri 12/05/23 08:30	Fri 12/05/23 17:00	1764	O Gabana,Z Chabulula
1766		Box Up Cooler	0.5 hrs	Fri 12/05/23 17:00	Fri 12/05/23 17:30	1765	O Gabana,Z Chabulula
1767		Clear Permit	0.25 hrs	Fri 12/05/23 17:30	Fri 12/05/23 17:45	1766	Operations
1768	26B2GR02	BASHSP-0115 - Inlet Chute Drier- Carryout Chute Modification	16.5 hrs	Mon 08/05/23 17:00	Wed 10/05/23 12:00		
1769		Make Out Permit	0.25 hrs	Mon 08/05/23 17:00	Mon 08/05/23 17:15	1784	Operations
1770		Accept Permit	0.25 hrs	Mon 08/05/23 17:15	Mon 08/05/23 17:30	1769	M_Crane60T,O Gabana,Z Chabulula,A Omphile,L Kelapile,O Manere,K Fa
1771		Carry out risk assessment	0.25 hrs	Mon 08/05/23 17:30	Mon 08/05/23 17:45	1770	M_Crane60T,O Gabana,Z Chabulula,A Omphile,L Kelapile,O Manere,K Fa
1772		Undo bolts for the chute	1 hr	Mon 08/05/23 17:45	Tue 09/05/23 07:45	1771	O Gabana,Z Chabulula,K Fanyane,R Selo
1773		Rig out the inlet chute	2 hrs	Tue 09/05/23 07:45	Tue 09/05/23 09:45	1772	M_Crane60T,O Gabana,Z Chabulula,A Omphile,L Kelapile,O Manere,K Fa
1774		Transport to workshop	1 hr	Tue 09/05/23 09:45	Tue 09/05/23 10:45	1773	M_Crane7T,CraneLorry
1775		Cut out the damaged part of the chute	1.5 hrs	Tue 09/05/23 10:45	Tue 09/05/23 12:45	1774	K Fanyane,R Selo
1776		Fabricate stainless steel makeup plate	4 hrs	Tue 09/05/23 12:45	Tue 09/05/23 16:45	1775	K Fanyane,R Selo
1777		Weld the plate, perform dyeapan test and observation	2 hrs	Tue 09/05/23 16:45	Wed 10/05/23 07:45	1776	Brown,Welder
1778		Transport back to site	1 hr	Wed 10/05/23 07:45	Wed 10/05/23 08:45	1777	M_Crane7T,CraneLorry
1779		Rig in the chute& tighten bolts	3 hrs	Wed 10/05/23 08:45	Wed 10/05/23 11:45	1778	M_Crane60T,O Gabana,Z Chabulula,A Omphile,L Kelapile,O Manere,K Fa
1780		Clear Permit	0.25 hrs	Wed 10/05/23 11:45	Wed 10/05/23 12:00	1779	M_Crane60T,O Gabana,Z Chabulula,A Omphile,L Kelapile,O Manere,K Fa
1781	26B2RP01	BASHSP-0116 - Dried Salt Elevator - Replace carrier belt	134.25 hrs	Wed 03/05/23 06:30	Mon 15/05/23 14:15		
1782		Assemble carrier belt prior	0 hrs	Wed 03/05/23 06:30	Wed 03/05/23 06:30	6	Operations,O Gabana,Z Chabulula
1783		Erect Scaffold	0 hrs	Wed 03/05/23 06:30	Wed 03/05/23 06:30	1782	RSC
1784		Make Out Permit	0.25 hrs	Mon 08/05/23 16:45	Mon 08/05/23 17:00	1783,1758	Operations
1785		Accept Permit	0.25 hrs	Mon 08/05/23 17:00	Mon 08/05/23 17:15	1784	O Gabana,Z Chabulula
1786		Carry out risk assessment	0.25 hrs	Mon 08/05/23 17:15	Mon 08/05/23 17:30	1785	O Gabana,Z Chabulula
1787		Remove Inspection Cover and top covers	0.5 hrs	Mon 08/05/23 17:30	Mon 08/05/23 18:00	1786	O Gabana,Z Chabulula
1788		Inspect Both Pulleys For Wear	2 hrs	Tue 09/05/23 07:00	Tue 09/05/23 09:00	1787	O Gabana,Z Chabulula



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
1789		Remove old carrrier belt	12 hrs	Tue 09/05/23 09:00	Wed 10/05/23 10:30	1788	O Gabana,Z Chabulula,L Kelapile,O Manere
1790		Rig in carrier belt	12 hrs	Wed 10/05/23 10:30	Thu 11/05/23 12:00	1789	O Gabana,Z Chabulula,L Kelapile,O Manere
1791		Joint carrier belt	10 hrs	Thu 11/05/23 12:30	Fri 12/05/23 11:30	1790	O Gabana,Z Chabulula,L Kelapile,O Manere
1792		Track conveyor	2 hrs	Fri 12/05/23 11:30	Fri 12/05/23 14:00	1791	O Gabana,Z Chabulula
1793		Remove and repair inlet chute	12 hrs	Fri 12/05/23 14:00	Sat 13/05/23 15:30	1792	K Fanyane,O Gabana,R Seloi,Z Chabulula
1794		Cut Out Adjusting Bolts	1 hr	Sat 13/05/23 15:30	Sat 13/05/23 16:30	1793	O Gabana,Z Chabulula
1795		Replace Adjusting Bolts	1 hr	Sat 13/05/23 16:30	Sat 13/05/23 17:30	1794	O Gabana,Z Chabulula
1796		Replace Teghlon Sealing Discs On Pulley Shaft	1 hr	Sat 13/05/23 17:30	Sun 14/05/23 07:30	1795	O Gabana,Z Chabulula
1797		Replace Tailpulley Bearings	6 hrs	Sun 14/05/23 07:30	Sun 14/05/23 14:00	1796	O Gabana,Z Chabulula
1798		Replace Head pulley Bearings	8 hrs	Sun 14/05/23 14:00	Mon 15/05/23 11:00	1797	O Gabana,Z Chabulula
1799		Replace Inspection Cover	0.5 hrs	Mon 15/05/23 11:00	Mon 15/05/23 11:30	1798	O Gabana,Z Chabulula
1800		Replace Gearbox Oil& Refill	2 hrs	Mon 15/05/23 11:30	Mon 15/05/23 14:00	1799	O Gabana,Z Chabulula
1801		Clear Permit	0.25 hrs	Mon 15/05/23 14:00	Mon 15/05/23 14:15	1800	O Gabana,Z Chabulula
1802		Dismantle Scaffold	0 hrs	Mon 15/05/23 14:15	Mon 15/05/23 14:15	1801	RSC
1803	26B2GG02	BASHSP-0117 - Hammer Mill - Carry Out Yearly Inspection	120.75 hrs	Wed 03/05/23 06:30	Sun 14/05/23 10:45		
1804		Carry Out Cleaning	0 hrs	Wed 03/05/23 06:30	Wed 03/05/23 06:30	6	Operations
1805		Make Out Permit	0 hrs	Mon 08/05/23 17:00	Mon 08/05/23 17:00	1804,1784	Operations
1806		Accept Permit	0.25 hrs	Mon 08/05/23 17:00	Mon 08/05/23 17:15	1805	O Gabana,Z Chabulula
1807		Carry out risk assessment	0.25 hrs	Mon 08/05/23 17:15	Mon 08/05/23 17:30	1806	O Gabana,Z Chabulula
1808		Remove hammers/internals	1 hr	Mon 08/05/23 17:30	Tue 09/05/23 07:30	1807	Z Chabulula,O Gabana
1809		Carry Out Internal Inspection le Sieve, Hammer And Magnet	8 hrs	Tue 09/05/23 07:30	Tue 09/05/23 16:00	1808	O Gabana,Z Chabulula
1810		Remove Barrel&Transport To Workshop for Overhaul	36 hrs	Tue 09/05/23 16:00	Sat 13/05/23 09:30	1809	O Gabana,Z Chabulula,A Omphile,L Kelapile,O Manere
1811		Transport Barrel from workshop for installation	1 hr	Sat 13/05/23 09:30	Sat 13/05/23 10:30	1810	O Gabana,Z Chabulula
1812		Install the barrel&the hammers	3 hrs	Sat 13/05/23 10:30	Sat 13/05/23 14:00	1811	O Gabana,Z Chabulula
1813		Replace screen	6 hrs	Sat 13/05/23 14:00	Sun 14/05/23 09:00	1812	O Gabana,Z Chabulula
1814		Replace Vee Belts	0.5 hrs	Sun 14/05/23 09:00	Sun 14/05/23 09:30	1813	O Gabana,Z Chabulula
1815		Box Up Covers	1 hr	Sun 14/05/23 09:30	Sun 14/05/23 10:30	1814	O Gabana,Z Chabulula
1816		Clear Permit	0.25 hrs	Sun 14/05/23 10:30	Sun 14/05/23 10:45	1815	O Gabana,Z Chabulula
1817	26B2GN01	BASHSP-0118 - Crystal Salt Screen - Inspections and Repairs	183.5 hrs	Wed 03/05/23 09:00	Sat 20/05/23 13:00		
1818		Carry Out Cleaning	0 hrs	Wed 03/05/23 09:00	Wed 03/05/23 09:00	7	Operations
1819		Make Up Spare Magnets	0 hrs	Wed 03/05/23 09:00	Wed 03/05/23 09:00	1818	O Gabana,Z Chabulula
1820		Make Out Permit	0.25 hrs	Mon 15/05/23 14:30	Mon 15/05/23 14:45	1819,1862	Operations
1821		Accept Permit	0.25 hrs	Mon 15/05/23 14:45	Mon 15/05/23 15:00	1820	O Gabana,Z Chabulula
1822		Carry out risk assessment	0.25 hrs	Mon 15/05/23 15:00	Mon 15/05/23 15:15	1821	O Gabana,Z Chabulula
1823		Identify Leaks And Make Provision To Seal	2 hrs	Mon 15/05/23 15:15	Mon 15/05/23 17:15	1822	O Gabana,Z Chabulula
1824		Open, Inspect And Service Winch And Rope	0 hrs	Mon 15/05/23 17:15	Mon 15/05/23 17:15	1823	O Gabana,Z Chabulula
1825		Remove Door For Repair (Ensure Close Dust Point)	4 hrs	Mon 15/05/23 17:15	Tue 16/05/23 10:15	1824	O Gabana,Z Chabulula
1826		Close The Winch	2 hrs	Tue 16/05/23 10:15	Tue 16/05/23 12:45	1825	O Gabana,Z Chabulula
1827		Remove Top Deck& Clean Screen	6 hrs	Tue 16/05/23 12:45	Wed 17/05/23 07:45	1826	O Gabana,Z Chabulula
1828		Inspect Beater Bars& Profile Ledges	6 hrs	Wed 17/05/23 07:45	Wed 17/05/23 14:15	1827	O Gabana,Z Chabulula
1829		Inspect Ultra Bushes& Replace if Necessary	12 hrs	Wed 17/05/23 14:15	Thu 18/05/23 15:45	1828	O Gabana,Z Chabulula
1830		Inspect And Replace Vibrator Heads& Overhaul	12 hrs	Thu 18/05/23 15:45	Fri 19/05/23 17:15	1829	O Gabana,Z Chabulula
1831		Install Top Deck (Support& Top Mesh)	2 hrs	Fri 19/05/23 17:15	Sat 20/05/23 08:15	1830	O Gabana,Z Chabulula
1832		Install Door& Ensure Seals All Round	0.5 hrs	Sat 20/05/23 08:15	Sat 20/05/23 08:45	1831	O Gabana,Z Chabulula
1833		Check Rear Door& Ensure It Closes	1 hr	Sat 20/05/23 08:45	Sat 20/05/23 09:45	1832	O Gabana,Z Chabulula
1834		Inspect Dust Extraction Pipe, Unblock If Blocked	2 hrs	Sat 20/05/23 09:45	Sat 20/05/23 11:45	1833	O Gabana,Z Chabulula
1835		Box Up	0.5 hrs	Sat 20/05/23 11:45	Sat 20/05/23 12:45	1834	O Gabana,Z Chabulula
1836		Clear Permit	0.25 hrs	Sat 20/05/23 12:45	Sat 20/05/23 13:00	1835	Operations
1837	26B2GN02	BASHSP-0119 - Milled Salt Screen - Inspection And Repairs	208.75 hrs	Wed 03/05/23 09:00	Mon 22/05/23 17:15		
1838		Carry Out Cleaning	0 hrs	Wed 03/05/23 09:00	Wed 03/05/23 09:00	7	Operations
1839		Make Up Spare Magnets	0 hrs	Wed 03/05/23 09:00	Wed 03/05/23 09:00	1838	O Gabana,Z Chabulula
1840		Make Out Permit	0.25 hrs	Mon 15/05/23 14:45	Mon 15/05/23 15:00	1839,1820	Operations
1841		Accept Permit	0.25 hrs	Mon 15/05/23 15:00	Mon 15/05/23 15:15	1840	O Gabana,Z Chabulula



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
1842		Carry out risk assessment	0.25 hrs	Mon 15/05/23 15:15	Mon 15/05/23 15:30	1841	O Gabana,Z Chabulula
1843		Identify Leaks And Make Provision To Seal	1 hr	Mon 15/05/23 15:30	Mon 15/05/23 16:30	1842	O Gabana,Z Chabulula
1844		Open, Inspect And Service Winch And Rope	2 hrs	Mon 15/05/23 16:30	Tue 16/05/23 07:30	1843	A Omphile,L Kelapile,O Manere
1845		Close The Winch	0.5 hrs	Tue 16/05/23 07:30	Tue 16/05/23 08:00	1844	A Omphile,L Kelapile,O Manere
1846		Remove Door& Fix Leaking Areas	1.5 hrs	Tue 16/05/23 08:00	Tue 16/05/23 09:30	1845	O Gabana,Z Chabulula
1847		Remove Top Deck Mesh, Clean& Let Dry	6 hrs	Tue 16/05/23 09:30	Tue 16/05/23 16:00	1846	O Gabana,Z Chabulula
1848		Remove Bottom Deck Mesh, Clean& Dry	6 hrs	Tue 16/05/23 16:00	Wed 17/05/23 11:00	1847	O Gabana,Z Chabulula
1849		Inspect Beater Bars& Profile Ledges	6 hrs	Wed 17/05/23 11:00	Wed 17/05/23 17:30	1848	O Gabana,Z Chabulula
1850		Replace Ultra Bushes	24 hrs	Wed 17/05/23 17:30	Sat 20/05/23 09:30	1849	O Gabana,Z Chabulula
1851		Inspect And Overhaul/Replace Vibrator Heads 12 Off	12 hrs	Sat 20/05/23 09:30	Sun 21/05/23 11:00	1850	O Gabana,Z Chabulula
1852		Inspect Dust Extraction Pipe, Unblock If Blocked	6 hrs	Sun 21/05/23 11:00	Sun 21/05/23 17:30	1851	O Gabana,Z Chabulula
1853		Replace Bottom Deck Mesh	2 hrs	Sun 21/05/23 17:30	Mon 22/05/23 08:30	1852	O Gabana,Z Chabulula
1854		Replace Top Deck Mesh& Set Beater Bars	2 hrs	Mon 22/05/23 08:30	Mon 22/05/23 10:30	1853	O Gabana,Z Chabulula
1855		Replace Door (Ensure Is Seals)	2 hrs	Mon 22/05/23 10:30	Mon 22/05/23 13:00	1854	O Gabana,Z Chabulula
1856		Close Areas Around Discharge Chute For Leaks	2 hrs	Mon 22/05/23 13:00	Mon 22/05/23 15:00	1855	O Gabana,Z Chabulula
1857		Install Product Pipe	2 hrs	Mon 22/05/23 15:00	Mon 22/05/23 17:00	1856	O Gabana,Z Chabulula
1858		Clear Permit	0.25 hrs	Mon 22/05/23 17:00	Mon 22/05/23 17:15	1857	Operations
1859	26B2RP02	BASHSP-0120 - Milled Salt Elevator - Carry out Inspection	33.5 hrs	Mon 15/05/23 14:15	Thu 18/05/23 16:15		
1860		Carry Out Cleaning	0 hrs	Mon 15/05/23 14:15	Mon 15/05/23 14:15	1801	RSC
1861		Erect Scaffold	0 hrs	Mon 15/05/23 14:15	Mon 15/05/23 14:15	1801	Operations
1862		Make Out Permit	0.25 hrs	Mon 15/05/23 14:15	Mon 15/05/23 14:30	1801	Operations
1863		Accept Permit	0.25 hrs	Mon 15/05/23 14:30	Mon 15/05/23 14:45	1862	O Thokweng
1864		Carry out risk assessment	0.25 hrs	Mon 15/05/23 14:45	Mon 15/05/23 15:00	1863	O Gabana,Z Chabulula
1865		Remove Inspection Cover	2 hrs	Mon 15/05/23 15:00	Mon 15/05/23 17:00	1864	O Gabana,Z Chabulula
1866		Inspect Elevator Joint, Broken Or Loose Buckets	12 hrs	Mon 15/05/23 17:00	Wed 17/05/23 07:30	1865	O Gabana,Z Chabulula
1867		Replace Teghlon Sealing Discs On Pulley Shaft	2 hrs	Wed 17/05/23 07:30	Wed 17/05/23 09:30	1866	O Gabana,Z Chabulula
1868		Replace Tailpulley Bearings	6 hrs	Wed 17/05/23 09:30	Wed 17/05/23 16:00	1867	O Gabana,Z Chabulula
1869		Replace Head pulley Bearings	8 hrs	Wed 17/05/23 16:00	Thu 18/05/23 13:30	1868	O Gabana,Z Chabulula
1870		Replace Inspection Cover	0.5 hrs	Thu 18/05/23 13:30	Thu 18/05/23 14:00	1869	M_Crane30T,A Omphile,L Kelapile,O Manere
1871		Replace Gearbox Oil & Refill	2 hrs	Thu 18/05/23 14:00	Thu 18/05/23 16:00	1870	M_Crane30T,A Omphile,L Kelapile,O Manere
1872		Clear Permit	0.25 hrs	Thu 18/05/23 16:00	Thu 18/05/23 16:15	1871	O Gabana,Z Chabulula
1873		Dismantle Scaffold	0 hrs	Thu 18/05/23 16:15	Thu 18/05/23 16:15	1872	M_Crane30T,A Omphile,L Kelapile,O Manere
1874	26B2RP03	BASHSP-0121 - Fine Salt Elevator - Carry Out Inspection	60 hrs	Wed 03/05/23 06:30	Mon 08/05/23 13:30		
1875		Carry Out Cleaning	6 hrs	Fri 05/05/23 14:00	Sat 06/05/23 08:30	1576	Operations
1876		Erect Scaffold	0 hrs	Wed 03/05/23 06:30	Wed 03/05/23 06:30	6	RSC
1877		Make Out Permit	0.25 hrs	Fri 05/05/23 14:00	Fri 05/05/23 14:15	1576	Operations
1878		Accept Permit	0.25 hrs	Fri 05/05/23 14:15	Fri 05/05/23 14:30	1877	O Thokweng
1879		Carry out risk assessment	0.25 hrs	Fri 05/05/23 14:30	Fri 05/05/23 14:45	1878	O Gabana,Z Chabulula
1880		Remove Inspection Cover	1 hr	Fri 05/05/23 14:45	Fri 05/05/23 15:45	1879	O Gabana,Z Chabulula
1881		Inspect Elevator Joint, Broken Or Loose Buckets	12 hrs	Fri 05/05/23 15:45	Sat 06/05/23 16:45	1880	O Gabana,Z Chabulula
1882		Replace Teghlon Sealing Discs On Pulley Shaft	1 hr	Sat 06/05/23 16:45	Sat 06/05/23 17:45	1881	O Gabana,Z Chabulula
1883		Replace Tailpulley Bearings	6 hrs	Sat 06/05/23 17:45	Sun 07/05/23 13:15	1882	O Gabana,Z Chabulula
1884		Replace Head pulley Bearings	8 hrs	Sun 07/05/23 13:15	Mon 08/05/23 10:15	1883	O Gabana,Z Chabulula
1885		Replace Inspection Cover	0.5 hrs	Mon 08/05/23 10:15	Mon 08/05/23 10:45	1884	O Gabana,Z Chabulula
1886		Replace Gearbox Oil& Refill	2 hrs	Mon 08/05/23 10:45	Mon 08/05/23 13:15	1885	O Gabana,Z Chabulula
1887		Clear Permit	0.25 hrs	Mon 08/05/23 13:15	Mon 08/05/23 13:30	1886	O Gabana,Z Chabulula
1888		Dismantle Scaffold	0 hrs	Mon 08/05/23 13:30	Mon 08/05/23 13:30	1887	RSC
1889	26B2RP03	BASHSP-0122 - RP03 Bottom Duct - Install duct	51 hrs	Fri 05/05/23 14:00	Wed 10/05/23 11:30		
1890		Transport chute to site (prior)	0 hrs	Fri 05/05/23 14:00	Fri 05/05/23 14:00	1576	K Fanyane,K Bontsibokae,O Manere,R Seloi,A Omphile
1891		Issue Permit To Work	0.25 hrs	Fri 05/05/23 14:00	Fri 05/05/23 14:15	1576	
1892		Accept permit	0.25 hrs	Fri 05/05/23 14:15	Fri 05/05/23 14:30	1891	K Fanyane,K Bontsibokae,O Manere,R Seloi,A Omphile
1893		Carry out risk assessment	0.25 hrs	Fri 05/05/23 14:30	Fri 05/05/23 14:45	1892	All
1894		Secure duct	4 hrs	Fri 05/05/23 14:45	Sat 06/05/23 07:15	1893	K Fanyane,K Bontsibokae,O Manere,R Seloi,A Omphile



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
1895		Cut out bolts	2 hrs	Sat 06/05/23 07:15	Sat 06/05/23 09:15	1894	K Fanyane,R Selo
1896		Rig out old duct	24 hrs	Sat 06/05/23 09:15	Mon 08/05/23 12:45	1895	K Fanyane,K Bontsibokae,O Manere,R Selo,A Omphile
1897		Surface preparation	2 hrs	Mon 08/05/23 12:45	Mon 08/05/23 14:45	1896	K Fanyane,R Selo
1898		Rig in new duct	12 hrs	Mon 08/05/23 14:45	Tue 09/05/23 16:15	1897	A Omphile,K Bontsibokae,O Manere
1899		Position/align & bolt up duct	4 hrs	Tue 09/05/23 16:15	Wed 10/05/23 09:15	1898	K Fanyane,K Bontsibokae,O Manere,R Selo,A Omphile
1900		Quality check	1 hr	Wed 10/05/23 09:15	Wed 10/05/23 10:15	1899	Foreman
1901		Housekeeping	1 hr	Wed 10/05/23 10:15	Wed 10/05/23 11:15	1900	All
1902		Clear permit	0.25 hrs	Wed 10/05/23 11:15	Wed 10/05/23 11:30	1901	Ops
1903	26B2RH01	BASHSP-0123 - Vibrator Distributors - Repair mounting base	202.75 hrs	Wed 03/05/23 09:00	Mon 22/05/23 10:45		
1904		Erect Scaffolding prior	0 hrs	Wed 03/05/23 09:00	Wed 03/05/23 09:00	1838	RSC
1905		Carry Out Cleaning	2 hrs	Thu 18/05/23 16:15	Fri 19/05/23 07:15	1872	Operations
1906		Make Out Permit	0.25 hrs	Thu 18/05/23 16:15	Thu 18/05/23 16:30	1872	Operations
1907		Accept Permit	0.25 hrs	Thu 18/05/23 16:30	Thu 18/05/23 16:45	1906	
1908		Carry out risk assessment	0.25 hrs	Thu 18/05/23 16:45	Thu 18/05/23 17:00	1907	O Gabana,Z Chabulula,K Opelo,T Moalosi
1909		Disconnect Motor	0.5 hrs	Thu 18/05/23 17:00	Thu 18/05/23 17:30	1908	K Opelo,T Moalosi
1910		Remove Vibrator to the floor	4 hrs	Thu 18/05/23 17:30	Fri 19/05/23 10:30	1909	O Gabana,Z Chabulula
1911		Repair mounting base	6 hrs	Fri 19/05/23 10:30	Fri 19/05/23 17:00	1910	O Gabana,Z Chabulula
1912		check weights	1 hr	Fri 19/05/23 17:00	Fri 19/05/23 18:00	1911	O Gabana,Z Chabulula
1913		Install Vibrator &Connect Up	4 hrs	Sat 20/05/23 07:00	Sat 20/05/23 11:00	1912	O Gabana,Z Chabulula,K Opelo,T Moalosi
1914		Box Up	8 hrs	Sat 20/05/23 11:00	Sun 21/05/23 08:30	1913	O Gabana,Z Chabulula
1915		Repair spring mountings	8 hrs	Sun 21/05/23 08:30	Sun 21/05/23 17:00	1914	O Gabana,Z Chabulula
1916		Replace Springs 4 Off	4.5 hrs	Sun 21/05/23 17:00	Mon 22/05/23 10:30	1915	O Gabana,Z Chabulula,Operations
1917		Clear Permit	0.25 hrs	Mon 22/05/23 10:30	Mon 22/05/23 10:45	1916	Operations
1918	26B2RH02	BASHSP-0124 - Vibrator Distributors - Carry Out Inspection	171.5 hrs	Wed 03/05/23 09:00	Fri 19/05/23 11:00		
1919		Erect Scaffolding prior	0 hrs	Wed 03/05/23 09:00	Wed 03/05/23 09:00	1904	RSC
1920		Carry Out Cleaning	0 hrs	Thu 18/05/23 16:00	Thu 18/05/23 16:00	1872SS	Operations
1921		Make Out Permit	0.25 hrs	Thu 18/05/23 16:00	Thu 18/05/23 16:15	1920	Operations
1922		Accept Permit	0.25 hrs	Thu 18/05/23 16:15	Thu 18/05/23 16:30	1921	O Thokweng
1923		Carry out risk assessment	0.25 hrs	Thu 18/05/23 16:30	Thu 18/05/23 16:45	1922	O Gabana,Z Chabulula,K Opelo,T Moalosi
1924		Inspect Weights And Balance Them	2 hrs	Thu 18/05/23 16:45	Fri 19/05/23 07:45	1923	O Gabana,Z Chabulula
1925		Repair Identified cracks	3 hrs	Fri 19/05/23 07:45	Fri 19/05/23 10:45	1924	O Gabana,Z Chabulula,K Opelo,T Moalosi,K Fanyane,R Selo
1926		Clear Permit	0.25 hrs	Fri 19/05/23 10:45	Fri 19/05/23 11:00	1925	Operations
1927	26B2RH03	BASHSP-0125 - Vibratory Distributors - Repair mounting frame	193.75 hrs	Wed 03/05/23 09:00	Sun 21/05/23 12:45		
1928		Erect Scaffolding prior	0 hrs	Wed 03/05/23 09:00	Wed 03/05/23 09:00	1919	RSC
1929		Carry Out Cleaning	0 hrs	Thu 18/05/23 16:00	Thu 18/05/23 16:00	1928,1920	Operations
1930		Make Out Permit	0.25 hrs	Thu 18/05/23 16:15	Thu 18/05/23 16:30	1929,1921	Operations
1931		Accept Permit	0.25 hrs	Thu 18/05/23 16:30	Thu 18/05/23 16:45	1930	O Thokweng
1932		Carry out risk assessment	0.25 hrs	Thu 18/05/23 16:45	Thu 18/05/23 17:00	1931	O Gabana,Z Chabulula,K Opelo,T Moalosi
1933		Disconnect Motor	2 hrs	Thu 18/05/23 17:00	Fri 19/05/23 08:00	1932	K Opelo,T Moalosi
1934		Remove and Rig out motors to repair mounting base	6 hrs	Fri 19/05/23 08:00	Fri 19/05/23 14:30	1933	K Fanyane,L Kelapile,O Gabana,O Manere,R Selo,Z Chabulula
1935		Open Vibrator Motor Covers	4 hrs	Fri 19/05/23 14:30	Sat 20/05/23 07:30	1934	O Gabana,Z Chabulula
1936		Install the motors	4 hrs	Sat 20/05/23 07:30	Sat 20/05/23 11:30	1935	O Gabana,Z Chabulula,L Kelapile,O Manere
1937		Repair Identified Leaks	3 hrs	Sat 20/05/23 11:30	Sat 20/05/23 15:00	1936	O Gabana,Z Chabulula,K Opelo,K Fanyane,R Selo
1938		Replace Bellows 3 Off	6 hrs	Sat 20/05/23 15:00	Sun 21/05/23 10:00	1937	O Gabana,Z Chabulula
1939		Replace Springs 3 Off	2 hrs	Sun 21/05/23 10:00	Sun 21/05/23 12:00	1938	O Gabana,Z Chabulula
1940		Clear Permit	0.25 hrs	Sun 21/05/23 12:30	Sun 21/05/23 12:45	1939	Operations
1941	26B2RH05	BASHSP-0126 - #2 Fine Salt Tube Feeder - Carry Out Inspection	10 hrs	Thu 18/05/23 16:00	Fri 19/05/23 15:30		
1942		Carry Out Cleaning	0 days	Thu 18/05/23 16:00	Thu 18/05/23 16:00	1929	Operations
1943		Make Out Permit	0.25 hrs	Thu 18/05/23 16:30	Thu 18/05/23 16:45	1942,1930	Operations
1944		Accept Permit	0.25 hrs	Thu 18/05/23 16:45	Thu 18/05/23 17:00	1943	O Thokweng
1945		Carry out risk assessment	0.25 hrs	Thu 18/05/23 17:00	Thu 18/05/23 17:15	1944	O Gabana,Z Chabulula
1946		Inspect Motor weights	2 hrs	Thu 18/05/23 17:15	Fri 19/05/23 08:15	1945	O Gabana,Z Chabulula
1947		Repair Tube Feeder footings	6 hrs	Fri 19/05/23 08:15	Fri 19/05/23 14:45	1946	O Gabana,Z Chabulula,A Omphile,L Kelapile,O Manere,K Fanyane,R Selo



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
1948		Commission	0.5 hrs	Fri 19/05/23 14:45	Fri 19/05/23 15:15	1947	O Gabana,Z Chabulula
1949		Clear Permit	0.25 hrs	Fri 19/05/23 15:15	Fri 19/05/23 15:30	1948	Operations
1950	26B2RH06	BASHSP-0127 - Vibrating Tube Feeders - Carry Out Inspection	17.75 hrs	Thu 18/05/23 16:45	Sat 20/05/23 13:30		
1951		Clean Out Feeders	0 hrs	Thu 18/05/23 16:45	Thu 18/05/23 16:45	7,1943	Operations
1952		Make Out Permit	0.25 hrs	Fri 19/05/23 15:30	Fri 19/05/23 15:45	1949	Operations
1953		Accept Permit	0.25 hrs	Fri 19/05/23 15:45	Fri 19/05/23 16:00	1952	O Gabana,Z Chabulula,A Omphile,L Kelapile,O Manere
1954		Carry out risk assessment	0.25 hrs	Fri 19/05/23 16:00	Fri 19/05/23 16:15	1953	O Gabana,Z Chabulula,A Omphile,L Kelapile,O Manere
1955		Remove Rubber Socks	1 hr	Fri 19/05/23 16:15	Fri 19/05/23 17:15	1954	O Gabana,Z Chabulula
1956		Inspect Weights& Setting	4 hrs	Fri 19/05/23 17:15	Sat 20/05/23 10:15	1955	O Gabana,Z Chabulula
1957		Replace Springs 4 Off	2 hrs	Sat 20/05/23 10:15	Sat 20/05/23 12:45	1956	O Gabana,Z Chabulula,A Omphile,L Kelapile,O Manere
1958		Install rubber socks	0.5 hrs	Sat 20/05/23 12:45	Sat 20/05/23 13:15	1957	O Gabana,Z Chabulula
1959		Clear Permit	0.25 hrs	Sat 20/05/23 13:15	Sat 20/05/23 13:30	1958	Operations
1960	26B2RH09	BASHSP-128 - Vibrating Tube Feeders - Replace tube Feeder	20.5 hrs	Fri 05/05/23 14:00	Sun 07/05/23 13:00		
1961		Clean Out Feeders	0 hrs	Fri 05/05/23 14:15	Fri 05/05/23 14:15	7,1891	Operations
1962		Make Out Permit	0.25 hrs	Fri 05/05/23 14:00	Fri 05/05/23 14:15	1576	Operations
1963		Accept Permit	0.25 hrs	Fri 05/05/23 14:15	Fri 05/05/23 14:30	1962	O Gabana,Z Chabulula
1964		Carry out risk assessment	0.25 hrs	Fri 05/05/23 14:30	Fri 05/05/23 14:45	1963	O Gabana,Z Chabulula
1965		Remove Rubber Sock	0.5 hrs	Fri 05/05/23 14:45	Fri 05/05/23 15:15	1964	O Gabana,Z Chabulula
1966		Disconnect the motors	2 hrs	Fri 05/05/23 15:15	Fri 05/05/23 17:15	1965	K Opelo,T Moalosi
1967		Rig out old Tube feeder	5 hrs	Fri 05/05/23 17:15	Sat 06/05/23 10:45	1966	L Kelapile,O Gabana,O Manere,Z Chabulula
1968		Rig in the new Tube Feeder	5 hrs	Sat 06/05/23 10:45	Sat 06/05/23 16:15	1967	L Kelapile,O Gabana,O Manere,Z Chabulula
1969		Inspect Weights & Setting	2 hrs	Sat 06/05/23 16:15	Sun 07/05/23 07:15	1968	O Gabana,Z Chabulula
1970		connect motor	2 hrs	Sun 07/05/23 07:15	Sun 07/05/23 09:15	1969	K Opelo,T Moalosi
1971		Replace Springs 4 Off	2 hrs	Sun 07/05/23 09:15	Sun 07/05/23 11:15	1970	O Gabana,Z Chabulula,A Omphile,L Kelapile,O Manere
1972		Replace rubber sock	1 hr	Sun 07/05/23 11:15	Sun 07/05/23 12:45	1971	O Gabana,Z Chabulula
1973		Clear Permit	0.25 hrs	Sun 07/05/23 12:45	Sun 07/05/23 13:00	1972	Operations
1974	26B2RF10	BASHSP-0129 - Milled Salt Chain Conveyor - Overhaul	219 hrs	Wed 03/05/23 09:00	Tue 23/05/23 17:00		
1975		Carry Out Cleaning	0 hrs	Wed 03/05/23 09:00	Wed 03/05/23 09:00	7	Operations
1976		Make Out Permit	0.25 hrs	Mon 08/05/23 16:30	Mon 08/05/23 16:45	1975,1757	Operations
1977		Accept Permit	0.25 hrs	Mon 08/05/23 16:45	Mon 08/05/23 17:00	1976	O Gabana,Z Chabulula
1978		Carry out risk assessment	0.25 hrs	Mon 08/05/23 17:00	Mon 08/05/23 17:15	1977	O Gabana,Z Chabulula
1979		Disconnect motor	1 hr	Mon 08/05/23 17:15	Tue 09/05/23 07:15	1978	K Opelo,T Moalosi,A Omphile,L Kelapile,O Manere,M_Crane35T
1980		Open Top Covers for cleaning	6 hrs	Tue 09/05/23 07:15	Tue 09/05/23 13:45	1979	O Gabana,Z Chabulula
1981		Remove drag chain	12 hrs	Tue 09/05/23 13:45	Wed 10/05/23 15:15	1980	O Gabana,Z Chabulula,A Omphile,L Kelapile,O Manere,M_Crane35T
1982		Remove and replace rail	72 hrs	Wed 10/05/23 15:15	Wed 17/05/23 13:45	1981	K Fanyane,R Seloi,A Omphile,L Kelapile,O Gabana,Z Chabulula
1983		Replace Bent Flights	7 hrs	Wed 17/05/23 13:45	Thu 18/05/23 09:45	1982	K Fanyane,R Seloi,O Gabana,Z Chabulula
1984		Re-install drag chain	36 hrs	Thu 18/05/23 09:45	Sun 21/05/23 14:45	1983	A Omphile,L Kelapile,O Manere,O Gabana,Z Chabulula,M_Crane35T
1985		Install chain circlips	3 hrs	Sun 21/05/23 14:45	Sun 21/05/23 17:45	1984	O Gabana,Z Chabulula
1986		Replace DE&NDE Bearings	8 hrs	Sun 21/05/23 17:45	Mon 22/05/23 15:15	1985	O Gabana,Z Chabulula,K Fanyane,R Seloi
1987		Inspect Drive Chain & Sprockets & Replace If Worn	3 hrs	Mon 22/05/23 15:15	Tue 23/05/23 07:15	1986	O Gabana,Z Chabulula,K Fanyane,R Seloi
1988		Replace Teghlon Sealing Discs On Pulley Shaft	2 hrs	Tue 23/05/23 07:15	Tue 23/05/23 09:15	1987	O Gabana,Z Chabulula
1989		Install top covers	4 hrs	Tue 23/05/23 09:15	Tue 23/05/23 13:45	1988	O Gabana,Z Chabulula
1990		connect motor & check direction	1 hr	Tue 23/05/23 13:45	Tue 23/05/23 14:45	1989	K Opelo,T Moalosi
1991		Check The Under speed swtich	1 hr	Tue 23/05/23 14:45	Tue 23/05/23 15:45	1990	K Opelo,T Moalosi
1992		Drain Out Oil And Top Up	1 hr	Tue 23/05/23 15:45	Tue 23/05/23 16:45	1991	O Gabana,Z Chabulula
1993		Clear Permit	0.25 hrs	Tue 23/05/23 16:45	Tue 23/05/23 17:00	1992	Operations
1994	26B2DK01	BASHSP-0130 - Exhaust Air Scrubber - Inspection And Leak Repairs	110.5 hrs	Wed 10/05/23 07:00	Sat 20/05/23 13:00		
1995		Make Out Permit	0.25 hrs	Wed 10/05/23 07:00	Wed 10/05/23 07:15		Operations
1996		Accept permit	0.25 hrs	Wed 10/05/23 07:15	Wed 10/05/23 07:30	1995	A Omphile,L Kelapile,O Manere
1997		Carry out risk assessment	0.25 hrs	Wed 10/05/23 07:30	Wed 10/05/23 07:45	1996	A Omphile,L Kelapile,O Manere
1998		Open manhole covers	1 hr	Wed 10/05/23 07:45	Wed 10/05/23 08:45	1997	A Omphile,L Kelapile,O Manere
1999		Undo And Remove U-Bend On Top	6 hrs	Wed 10/05/23 08:45	Wed 10/05/23 15:15	1998	O Gabana,Z Chabulula,A Omphile,L Kelapile,O Manere
2000		Remove water line	1 hr	Wed 10/05/23 15:15	Wed 10/05/23 16:15	1999	M_Crane30T,A Omphile,L Kelapile,O Manere



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
2001		Replace softened water line valve	1 hr	Wed 10/05/23 16:15	Wed 10/05/23 17:15	2000	M_Crane30T,A Omphile,L Kelapile,O Manere
2002		Undo And Remove Top Vane Suction cover	6 hrs	Wed 10/05/23 17:15	Thu 11/05/23 12:45	2001	M_Crane30T,A Omphile,L Kelapile,O Manere
2003		Clean scrubber	6 hrs	Thu 11/05/23 12:45	Fri 12/05/23 07:45	2002	M_Crane30T,A Omphile,L Kelapile,O Manere
2004		Inspect and repair vane	16 hrs	Fri 12/05/23 07:45	Sat 13/05/23 13:45	2003	K Fanyane,R Seloi,O Gabana,Z Chabulula
2005		Remove scrubbing vane	2 hrs	Sat 13/05/23 13:45	Sat 13/05/23 15:45	2004	A Omphile,L Kelapile,O Manere
2006		Sandblast and paint scrubber	36 hrs	Sat 13/05/23 15:45	Wed 17/05/23 09:15	2005	Painter
2007		Allow to cure	12 hrs	Wed 17/05/23 09:15	Thu 18/05/23 10:45	2006	Painter
2008		Re-install scrubbing vane	2 hrs	Thu 18/05/23 10:45	Thu 18/05/23 13:15	2007	M_Crane30T,A Omphile,L Kelapile,O Manere
2009		Re-install scrubber top half	6 hrs	Thu 18/05/23 13:15	Fri 19/05/23 08:15	2008	M_Crane30T,A Omphile,L Kelapile,O Manere
2010		Mount top suction pipe	12 hrs	Fri 19/05/23 08:15	Sat 20/05/23 09:45	2009	M_Crane30T,A Omphile,L Kelapile,O Manere
2011		Connect water line	1 hr	Sat 20/05/23 09:45	Sat 20/05/23 10:45	2010	O Gabana,Z Chabulula
2012		Box up manhole covers	1.5 hrs	Sat 20/05/23 10:45	Sat 20/05/23 12:45	2011	O Gabana,Z Chabulula
2013		Clear Permit	0.25 hrs	Sat 20/05/23 12:45	Sat 20/05/23 13:00	2012	Operations
2014	26B2DK01	BASHSP-0131 - Scrubber Drain Pipe - Install milling scrubber drain pipe	16 hrs	Wed 10/05/23 07:15	Thu 11/05/23 13:15		
2015		Transport pipes to site (prior)	0 hrs	Wed 10/05/23 07:15	Wed 10/05/23 07:15	1995	K Fanyane,R Seloi,Fitter
2016		Issue Permit To Work	0.25 hrs	Wed 10/05/23 07:15	Wed 10/05/23 07:30	2015	
2017		Accept permit	0.25 hrs	Wed 10/05/23 07:30	Wed 10/05/23 07:45	2016	K Fanyane,R Seloi
2018		Carry out risk assessment	0.25 hrs	Wed 10/05/23 07:45	Wed 10/05/23 08:00	2017	All
2019		Cut out old pipes	2 hrs	Wed 10/05/23 08:00	Wed 10/05/23 10:00	2018	K Fanyane,R Seloi
2020		Rig out old pipes	2 hrs	Wed 10/05/23 10:00	Wed 10/05/23 12:00	2019	A Omphile,K Bontsibokae,O Manere
2021		Rig in new pipes	2 hrs	Wed 10/05/23 12:30	Wed 10/05/23 14:30	2020	A Omphile,K Bontsibokae,O Manere
2022		Position/align & bolt up pipes	6 hrs	Wed 10/05/23 14:30	Thu 11/05/23 09:30	2021	K Fanyane,R Seloi,Fitter
2023		Secure pipes on the rack	1 hr	Thu 11/05/23 09:30	Thu 11/05/23 10:30	2022	K Fanyane,R Seloi
2024		Quality check	1 hr	Thu 11/05/23 10:30	Thu 11/05/23 11:30	2023	Foreman
2025		Housekeeping	1 hr	Thu 11/05/23 11:30	Thu 11/05/23 13:00	2024	All
2026		Clear permit	0.25 hrs	Thu 11/05/23 13:00	Thu 11/05/23 13:15	2025	Ops
2027	26B2FBR001	BASHSP-0132 - Dust Extraction - Replace pipework	95.5 hrs	Wed 03/05/23 06:30	Thu 11/05/23 17:30		
2028		Erect Scaffold	0 hrs	Wed 03/05/23 06:30	Wed 03/05/23 06:30	1876	RSC
2029		Make Out Permit	0 hrs	Fri 05/05/23 14:15	Fri 05/05/23 14:15	2028,1877	Operations
2030		Accept Permit	0.25 hrs	Fri 05/05/23 14:15	Fri 05/05/23 14:30	2029	O Thokweng
2031		Carry out risk assessment	0.25 hrs	Fri 05/05/23 14:30	Fri 05/05/23 14:45	2030	O Gabana,Z Chabulula
2032		Remove old pipe work	12 hrs	Fri 05/05/23 14:45	Sat 06/05/23 15:45	2031	A Omphile,L Kelapile,O Manere,O Gabana,Z Chabulula
2033		Rig old Pipes Down	12 hrs	Sat 06/05/23 15:45	Sun 07/05/23 17:15	2032	A Omphile,L Kelapile,O Manere
2034		Rig Up new Pipes	6 hrs	Sun 07/05/23 17:15	Mon 08/05/23 12:45	2033	A Omphile,L Kelapile,O Manere
2035		Replace pipe work with stainless steel	24 hrs	Mon 08/05/23 12:45	Wed 10/05/23 15:45	2034	A Omphile,L Kelapile,O Manere,O Gabana,Z Chabulula
2036		Break Pipe Flanges	6 hrs	Wed 10/05/23 15:45	Thu 11/05/23 10:45	2035	O Gabana,Z Chabulula
2037		Box Up	6 hrs	Thu 11/05/23 10:45	Thu 11/05/23 17:15	2036	O Gabana,Z Chabulula
2038		Clear Permit	0.25 hrs	Thu 11/05/23 17:15	Thu 11/05/23 17:30	2037	Operations
2039		Dismantle Scaffold	0 hrs	Thu 11/05/23 17:30	Thu 11/05/23 17:30	2038	RSC
2040	26B2GR01	BASHSP-0133 - Fluid Bed Drier - Carry out Inspection and lag	27 hrs	Mon 15/05/23 15:00	Thu 18/05/23 10:00		
2041		Clean Out drier	0 hrs	Mon 15/05/23 15:00	Mon 15/05/23 15:00	7,1698	Operations
2042		Make Out Permit	0.25 hrs	Mon 15/05/23 15:00	Mon 15/05/23 15:15	2041	O Thokweng
2043		Accept Permit	0.25 hrs	Mon 15/05/23 15:15	Mon 15/05/23 15:30	2042	O Gabana,Z Chabulula
2044		Carry out risk assessment	0.25 hrs	Mon 15/05/23 15:30	Mon 15/05/23 15:45	2043	O Gabana,Z Chabulula
2045		Inspect all bubble caps	6 hrs	Mon 15/05/23 15:45	Tue 16/05/23 10:45	2044	O Gabana,Z Chabulula,K Fanyane,R Seloi
2046		Remove lagging	4 hrs	Tue 16/05/23 10:45	Tue 16/05/23 15:15	2045	MG Investment,K Fanyane,R Seloi
2047		Install lagging brackets airbox	4 hrs	Tue 16/05/23 15:15	Wed 17/05/23 08:15	2046	MG Investment,K Fanyane,R Seloi
2048		Replace lagging & cover with stainless steel sheets	12 hrs	Wed 17/05/23 08:15	Thu 18/05/23 09:45	2047	MG Investment,K Fanyane,R Seloi
2049		Clear Permit	0.25 hrs	Thu 18/05/23 09:45	Thu 18/05/23 10:00	2048	O Gabana,Z Chabulula
2050	26B2EA01	BASHSP-0134 - Drying Air Heater - Carry Out Pressure Test	160.5 hrs	Wed 03/05/23 09:00	Thu 18/05/23 10:30		
2051		Erect Scaffold	0 hrs	Wed 03/05/23 09:00	Wed 03/05/23 09:00	1975	RSC
2052		Remove Lagging	0 hrs	Wed 03/05/23 09:00	Wed 03/05/23 09:00	2051	
2053		Make Out Permit	0.25 hrs	Thu 04/05/23 17:00	Thu 04/05/23 17:15	1575	Operations



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
2054		Accept Permit	0.25 hrs	Thu 04/05/23 17:15	Thu 04/05/23 17:30	2053	O Thokweng
2055		Carry out risk assessment	0.25 hrs	Thu 04/05/23 17:30	Thu 04/05/23 17:45	2054	O Gabana,Z Chabulula
2056		Remove All Bolts From Flanges	2 hrs	Thu 04/05/23 17:45	Fri 05/05/23 08:15	2055	O Gabana,Z Chabulula
2057		Rig Out Air Heater	4 hrs	Fri 05/05/23 08:15	Fri 05/05/23 12:45	2056	A Omphile,L Kelapile,O Manere,M_Crane50T
2058		Strip Out Inlet & Outlet Flanges	2 hrs	Fri 05/05/23 12:45	Fri 05/05/23 14:45	2057	O Gabana,Z Chabulula
2059		Send for repair faces (RSA)	72 hrs	Fri 05/05/23 14:45	Fri 12/05/23 12:45	2058	Online Machining
2060		Carry Out Internal Inspection If Okay Change Gaskets	4 hrs	Fri 12/05/23 12:45	Fri 12/05/23 16:45	2059	O Gabana,Z Chabulula
2061		Inspect heater covers	0.5 hrs	Fri 12/05/23 16:45	Fri 12/05/23 17:15	2060	O Gabana,Z Chabulula
2062		Possible repairs	1.5 hrs	Fri 12/05/23 17:15	Sat 13/05/23 07:45	2061	K Fanyane,R Selo
2063		Blank Inlet& Outlet Flanges	1 hr	Sat 13/05/23 07:45	Sat 13/05/23 08:45	2062	O Gabana,Z Chabulula
2064		Perform Pressure Test 2500 Kpa If Okay Drain Water& Remove Blanks	2 hrs	Sat 13/05/23 08:45	Sat 13/05/23 10:45	2063	O Gabana,Z Chabulula
2065		Install Heater and cover with lagging	36 hrs	Sat 13/05/23 10:45	Tue 16/05/23 15:45	2064	O Gabana,Z Chabulula,A Omphile,L Kelapile,O Manere,M_Crane50T
2066		Box Up	4 hrs	Tue 16/05/23 15:45	Wed 17/05/23 08:45	2065	O Gabana,Z Chabulula
2067		Replace 1 off 3 inc&3off 4 inc valves	12 hrs	Wed 17/05/23 08:45	Thu 18/05/23 10:15	2066	O Gabana,Z Chabulula
2068		Clear Permit	0.25 hrs	Thu 18/05/23 10:15	Thu 18/05/23 10:30	2067	Operations
2069		Replace Lagging	0 hrs	Thu 18/05/23 10:30	Thu 18/05/23 10:30	2068	O Gabana,Z Chabulula
2070		Dismantle Scaffold	0 hrs	Thu 18/05/23 10:30	Thu 18/05/23 10:30	2069	RSC
2071		BASHSP-0135 - Drying Bakers Pipe - Install pipe	61.25 hrs	Mon 15/05/23 14:15	Sun 21/05/23 12:00		
2072		Transport pipes to site (prior)	0 hrs	Mon 15/05/23 14:15	Mon 15/05/23 14:15	1860	K Fanyane,K Bontsibokae,O Manere,R Selo,A Omphile
2073		Erect scaffolding prior	0 hrs	Mon 15/05/23 14:15	Mon 15/05/23 14:15	2072	A Omphile,K Bontsibokae,O Manere
2074		Issue Permit To Work	0.25 hrs	Mon 15/05/23 14:30	Mon 15/05/23 14:45	2073,1862	
2075		Accept permit	0.25 hrs	Mon 15/05/23 14:45	Mon 15/05/23 15:00	2074	K Fanyane,R Selo
2076		Carry out risk assessment	0.25 hrs	Mon 15/05/23 15:00	Mon 15/05/23 15:15	2075	All
2077		Cut out old pipe	4 hrs	Mon 15/05/23 15:15	Tue 16/05/23 08:15	2076	K Fanyane,R Selo
2078		Rig out old pipe	2 hrs	Tue 16/05/23 08:15	Tue 16/05/23 10:15	2077	A Omphile,K Bontsibokae,O Manere
2079		Surface prep	2 hrs	Tue 16/05/23 10:15	Tue 16/05/23 12:45	2078	K Fanyane,R Selo
2080		Rig in new pipe	4 hrs	Tue 16/05/23 12:45	Tue 16/05/23 16:45	2079	A Omphile,K Bontsibokae,O Manere
2081		Position/align & tag weld pipes	8 hrs	Tue 16/05/23 16:45	Wed 17/05/23 14:15	2080	K Fanyane,K Bontsibokae,O Manere,R Selo,A Omphile
2082		Weld up	36 hrs	Wed 17/05/23 14:15	Sun 21/05/23 07:45	2081	Welder
2083		Bolt up flanges	2 hrs	Sun 21/05/23 07:45	Sun 21/05/23 09:45	2082	Fitter
2084		Quality check	1 hr	Sun 21/05/23 09:45	Sun 21/05/23 10:45	2083	Foreman
2085		Housekeeping	1 hr	Sun 21/05/23 10:45	Sun 21/05/23 11:45	2084	All
2086		Clear permit	0.25 hrs	Sun 21/05/23 11:45	Sun 21/05/23 12:00	2085	Ops
2087	26B2GF03	BASHSP-0136 - Supplementary Crusher Chute - Install chute	36 hrs	Wed 10/05/23 07:15	Sat 13/05/23 11:45		
2088		Transport chute to site (prior)	0 hrs	Wed 10/05/23 07:15	Wed 10/05/23 07:15	7,1995	K Fanyane,K Bontsibokae,O Manere,R Selo,A Omphile
2089		Issue Permit To Work	0.25 hrs	Wed 10/05/23 07:15	Wed 10/05/23 07:30	2088,1995	
2090		Accept permit	0.25 hrs	Wed 10/05/23 07:30	Wed 10/05/23 07:45	2089	K Fanyane,K Bontsibokae,O Manere,R Selo,A Omphile
2091		Carry out risk assessment	0.25 hrs	Wed 10/05/23 07:45	Wed 10/05/23 08:00	2090	All
2092		Cut out old chute	4 hrs	Wed 10/05/23 08:00	Wed 10/05/23 12:00	2091	Ops
2093		Rig out old chute	4 hrs	Wed 10/05/23 12:30	Wed 10/05/23 16:30	2092	K Fanyane,K Bontsibokae,O Manere,R Selo,A Omphile
2094		Surface preparations	6 hrs	Wed 10/05/23 16:30	Thu 11/05/23 11:30	2093	K Fanyane,R Selo
2095		Rig in new chute	4 hrs	Thu 11/05/23 11:30	Thu 11/05/23 16:00	2094	A Omphile,K Bontsibokae,O Manere
2096		Position/align chute	6 hrs	Thu 11/05/23 16:00	Fri 12/05/23 11:00	2095	K Fanyane,K Bontsibokae,O Manere,R Selo,A Omphile
2097		Weld chute in position	8 hrs	Fri 12/05/23 11:00	Sat 13/05/23 08:30	2096	Welder
2098		Quality check	1 hr	Sat 13/05/23 08:30	Sat 13/05/23 09:30	2097	Foreman
2099		Housekeeping	2 hrs	Sat 13/05/23 09:30	Sat 13/05/23 11:30	2098	All
2100		Clear permit	0.25 hrs	Sat 13/05/23 11:30	Sat 13/05/23 11:45	2099	Ops
2101	26B2RM08	BASHSP-0137 - Screw Conveyor N.2 - Fine Salt Supplementary Crushing Line - Replace screw	25.5 hrs	Wed 10/05/23 07:00	Fri 12/05/23 11:30		
2102		Erect scaffold	0 hrs	Wed 10/05/23 07:00	Wed 10/05/23 07:00	1995SS	RSC
2103		Make Out Permit	0.25 hrs	Wed 10/05/23 07:00	Wed 10/05/23 07:15	2102,1995SS	Operations
2104		Accept Permit	0.25 hrs	Wed 10/05/23 07:15	Wed 10/05/23 07:30	2103	O Gabana,Z Chabulula
2105		Carry out risk assessment	0.25 hrs	Wed 10/05/23 07:30	Wed 10/05/23 07:45	2104	O Gabana,Z Chabulula



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
2106		Disconnect motor	1 hr	Wed 10/05/23 07:45	Wed 10/05/23 08:45	2105	K Opelo,T Moalosi
2107		Rig out screw with casing	4 hrs	Wed 10/05/23 08:45	Wed 10/05/23 13:15	2106	A Omphile,L Kelapile,M_Crane7T,O Gabana,O Manere,Z Chabulula
2108		Remove drive unit	2 hrs	Wed 10/05/23 13:15	Wed 10/05/23 15:15	2107	O Gabana,Z Chabulula
2109		Remove and replace screw	6 hrs	Wed 10/05/23 15:15	Thu 11/05/23 10:15	2108	O Gabana,Z Chabulula
2110		Assemble drive unit	3 hrs	Thu 11/05/23 10:15	Thu 11/05/23 13:45	2109	O Gabana,Z Chabulula
2111		Replace NDE Bush	0.5 hrs	Thu 11/05/23 13:45	Thu 11/05/23 14:15	2110	O Gabana,Z Chabulula
2112		Replaced V-Belts And Box Up	1 hr	Thu 11/05/23 14:15	Thu 11/05/23 15:15	2111	O Gabana,Z Chabulula
2113		Rig in screw with casing	5 hrs	Thu 11/05/23 15:15	Fri 12/05/23 09:15	2112	A Omphile,L Kelapile,M_Crane7T,O Gabana,O Manere,Z Chabulula
2114		Connect motor	1 hr	Fri 12/05/23 09:15	Fri 12/05/23 10:15	2113	K Opelo,T Moalosi
2115		Dismantle scaffold	1 hr	Fri 12/05/23 10:15	Fri 12/05/23 11:15	2114	RSC
2116		Clear Permit	0.25 hrs	Fri 12/05/23 11:15	Fri 12/05/23 11:30	2115	Operations
2117	26B2RM09	BASHSP-0138 - Screw Conveyor U300 N.1 - Fine Salt Supplementary Crushing Line - Replace Screw	29.75 hrs	Wed 10/05/23 07:00	Fri 12/05/23 16:15		
2118		Erect scaffold	0 hrs	Wed 10/05/23 07:00	Wed 10/05/23 07:00	2102	RSC
2119		Make Out Permit	0.25 hrs	Wed 10/05/23 07:15	Wed 10/05/23 07:30	2118,2103	Operations
2120		Accept Permit	0.25 hrs	Wed 10/05/23 07:30	Wed 10/05/23 07:45	2119	O Gabana,Z Chabulula
2121		Carry out risk assessment	0.25 hrs	Wed 10/05/23 07:45	Wed 10/05/23 08:00	2120	O Gabana,Z Chabulula
2122		Disconnect motor	1 hr	Wed 10/05/23 08:00	Wed 10/05/23 09:00	2121	K Opelo,T Moalosi
2123		Cut out GF03 chute & braces	4 hrs	Wed 10/05/23 09:00	Wed 10/05/23 13:30	2122	K Fanyane,R Selo
2124		Rig out screw with casing	4 hrs	Wed 10/05/23 13:30	Wed 10/05/23 17:30	2123	A Omphile,L Kelapile,M_Crane7T,O Gabana,O Manere,Z Chabulula
2125		Remove drive unit	2 hrs	Wed 10/05/23 17:30	Thu 11/05/23 08:30	2124	O Gabana,Z Chabulula
2126		Remove and replace screw	6 hrs	Thu 11/05/23 08:30	Thu 11/05/23 15:00	2125	O Gabana,Z Chabulula
2127		Assemble drive unit	3 hrs	Thu 11/05/23 15:00	Thu 11/05/23 18:00	2126	O Gabana,Z Chabulula
2128		Replace NDE Bush	0.5 hrs	Fri 12/05/23 07:00	Fri 12/05/23 07:30	2127	O Gabana,Z Chabulula
2129		Replaced V-Belts And Box Up	1 hr	Fri 12/05/23 07:30	Fri 12/05/23 08:30	2128	O Gabana,Z Chabulula
2130		Rig in screw with casing	5 hrs	Fri 12/05/23 08:30	Fri 12/05/23 14:00	2129	A Omphile,L Kelapile,M_Crane7T,O Gabana,O Manere,Z Chabulula
2131		Connect motor	1 hr	Fri 12/05/23 14:00	Fri 12/05/23 15:00	2130	K Opelo,T Moalosi
2132		Dismantle scaffold	1 hr	Fri 12/05/23 15:00	Fri 12/05/23 16:00	2131	RSC
2133		Clear Permit	0.25 hrs	Fri 12/05/23 16:00	Fri 12/05/23 16:15	2132	Operations
2134	26B2RM10	BASHSP-0139 - Screw Conveyor U300 N.2 - Fine Salt Supplementary Crushing Line - Carry Out Inspection	50.75 hrs	Wed 10/05/23 07:00	Sun 14/05/23 16:15		
2135		Erect scaffold (prior)	2 hrs	Wed 10/05/23 07:00	Wed 10/05/23 09:00	2118	RSC
2136		Make Out Permit	0.25 hrs	Fri 12/05/23 16:15	Fri 12/05/23 16:30	2135,2133	Operations
2137		Accept Permit	0.25 hrs	Fri 12/05/23 16:30	Fri 12/05/23 16:45	2136	O Gabana,Z Chabulula
2138		Carry out risk assessment	0.25 hrs	Fri 12/05/23 16:45	Fri 12/05/23 17:00	2137	O Gabana,Z Chabulula
2139		Open covers	1 hr	Fri 12/05/23 17:00	Fri 12/05/23 18:00	2138	O Gabana,Z Chabulula
2140		Inspect Screw Flight and repairs	4 hrs	Sat 13/05/23 07:00	Sat 13/05/23 11:00	2139	O Gabana,Z Chabulula
2141		Repair centre stub	12 hrs	Sat 13/05/23 11:00	Sun 14/05/23 13:00	2140	O Gabana,Z Chabulula,A Omphile,L Kelapile,O Manere
2142		Replace Nde Bush	1 hr	Sun 14/05/23 13:00	Sun 14/05/23 14:00	2141	O Gabana,Z Chabulula
2143		Dismantle Scaffold	2 hrs	Sun 14/05/23 14:00	Sun 14/05/23 16:00	2142	RSC
2144		Clear Permit	0.25 hrs	Sun 14/05/23 16:00	Sun 14/05/23 16:15	2143	Operations
2145	26B2RM11	BASHSP-0140 - Screw Conveyor N.2 - Fine Salt Supplementary Crushing Line - Carry Out Inspection	14.5 hrs	Sun 14/05/23 16:15	Tue 16/05/23 09:15		
2146		Make Out Permit	0.25 hrs	Sun 14/05/23 16:15	Sun 14/05/23 16:30	2144	Operations
2147		Accept Permit	0.25 hrs	Sun 14/05/23 16:30	Sun 14/05/23 16:45	2146	O Gabana,Z Chabulula
2148		Carry out risk assessment	0.25 hrs	Sun 14/05/23 16:45	Sun 14/05/23 17:00	2147	O Gabana,Z Chabulula
2149		Remove Guards And V-Belts	1 hr	Sun 14/05/23 17:00	Sun 14/05/23 18:00	2148	O Gabana,Z Chabulula
2150		Open covers	1.5 hrs	Mon 15/05/23 07:00	Mon 15/05/23 08:30	2149	O Gabana,Z Chabulula
2151		Inspect Gearbox	2 hrs	Mon 15/05/23 08:30	Mon 15/05/23 10:30	2150	O Gabana,Z Chabulula
2152		Inspect Screw Flight and repairs	4 hrs	Mon 15/05/23 10:30	Mon 15/05/23 15:00	2151	O Gabana,Z Chabulula
2153		Replace Nde Bush	1.5 hrs	Mon 15/05/23 15:00	Mon 15/05/23 16:30	2152	O Gabana,Z Chabulula
2154		Replace pulleys	3 hrs	Mon 15/05/23 16:30	Tue 16/05/23 08:30	2153	O Gabana,Z Chabulula
2155		Replaced V-Belts And Box Up	0.5 hrs	Tue 16/05/23 08:30	Tue 16/05/23 09:00	2154	O Gabana,Z Chabulula



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
2156		Clear Permit	0.25 hrs	Tue 16/05/23 09:00	Tue 16/05/23 09:15	2155	Operations
2157	26B2RM12	BASHSP-0141 - Screw Conveyor U300 N.3 - Fine Salt Supplementary Crushing Line - Replace Screw	25.5 hrs	Tue 16/05/23 09:15	Thu 18/05/23 14:15		
2158		Erect scaffold	0 hrs	Tue 16/05/23 09:15	Tue 16/05/23 09:15	2156	RSC
2159		Make Out Permit	0.25 hrs	Tue 16/05/23 09:15	Tue 16/05/23 09:30	2158,2146	Operations
2160		Accept Permit	0.25 hrs	Tue 16/05/23 09:30	Tue 16/05/23 09:45	2159	O Gabana,Z Chabulula
2161		Carry out risk assessment	0.25 hrs	Tue 16/05/23 09:45	Tue 16/05/23 10:00	2160	O Gabana,Z Chabulula
2162		Disconnect motor	1 hr	Tue 16/05/23 10:00	Tue 16/05/23 11:00	2161	K Opelo,T Moalosi
2163		Rig out screw with casing	4 hrs	Tue 16/05/23 11:00	Tue 16/05/23 15:30	2162	A Omphile,L Kelapile,M_Crane7T,O Gabana,O Manere,Z Chabulula
2164		Remove drive unit	2 hrs	Tue 16/05/23 15:30	Tue 16/05/23 17:30	2163	O Gabana,Z Chabulula
2165		Remove and replace screw	6 hrs	Tue 16/05/23 17:30	Wed 17/05/23 13:00	2164	O Gabana,Z Chabulula
2166		Assemble drive unit	3 hrs	Wed 17/05/23 13:00	Wed 17/05/23 16:00	2165	O Gabana,Z Chabulula
2167		Replace NDE Bush	0.5 hrs	Wed 17/05/23 16:00	Wed 17/05/23 16:30	2166	O Gabana,Z Chabulula
2168		Replaced V-Belts And Box Up	1 hr	Wed 17/05/23 16:30	Wed 17/05/23 17:30	2167	O Gabana,Z Chabulula
2169		Rig in screw with casing	5 hrs	Wed 17/05/23 17:30	Thu 18/05/23 11:30	2168	A Omphile,L Kelapile,M_Crane7T,O Gabana,O Manere,Z Chabulula
2170		Connect motor	1 hr	Thu 18/05/23 11:30	Thu 18/05/23 13:00	2169	K Opelo,T Moalosi
2171		Dismantle scaffold	1 hr	Thu 18/05/23 13:00	Thu 18/05/23 14:00	2170	RSC
2172		Clear Permit	0.25 hrs	Thu 18/05/23 14:00	Thu 18/05/23 14:15	2171	Operations
2173	26B2RM13	BASHSP-0142 - Screw Conveyor N.1 - Fine Salt Supplementary Crushing Line- Carry Out Inspection	14.5 hrs	Thu 18/05/23 14:15	Sat 20/05/23 07:15		
2174		Make Out Permit	0.25 hrs	Thu 18/05/23 14:15	Thu 18/05/23 14:30	2172	Operations
2175		Accept Permit	0.25 hrs	Thu 18/05/23 14:30	Thu 18/05/23 14:45	2174	O Gabana,Z Chabulula
2176		Carry out risk assessment	0.25 hrs	Thu 18/05/23 14:45	Thu 18/05/23 15:00	2175	O Gabana,Z Chabulula
2177		Remove Guards And V-Belts	1 hr	Thu 18/05/23 15:00	Thu 18/05/23 16:00	2176	O Gabana,Z Chabulula
2178		Open covers	1.5 hrs	Thu 18/05/23 16:00	Thu 18/05/23 17:30	2177	O Gabana,Z Chabulula
2179		Inspect Gearbox	2 hrs	Thu 18/05/23 17:30	Fri 19/05/23 08:30	2178	O Gabana,Z Chabulula
2180		Inspect Screw Flight and repairs	4 hrs	Fri 19/05/23 08:30	Fri 19/05/23 13:00	2179	O Gabana,Z Chabulula
2181		Replace Nde Bush	1.5 hrs	Fri 19/05/23 13:00	Fri 19/05/23 14:30	2180	O Gabana,Z Chabulula
2182		Replace pulleys	3 hrs	Fri 19/05/23 14:30	Fri 19/05/23 17:30	2181	O Gabana,Z Chabulula
2183		Replaced V-Belts And Box Up	0.5 hrs	Fri 19/05/23 17:30	Fri 19/05/23 18:00	2182	O Gabana,Z Chabulula
2184		Clear Permit	0.25 hrs	Sat 20/05/23 07:00	Sat 20/05/23 07:15	2183	Operations
2185	26B2GG04	BASHSP-0143 - Salt Mill N.1 - Fine Salt Supplementary Crushing Line - Overhaul	35.5 hrs	Thu 18/05/23 14:15	Mon 22/05/23 07:15		
2186		Make Out Permit	0.25 hrs	Thu 18/05/23 14:15	Thu 18/05/23 14:30	2174SS	Operations
2187		Accept Permit	0.25 hrs	Thu 18/05/23 14:30	Thu 18/05/23 14:45	2186	O Gabana,Z Chabulula
2188		Carry out risk assessment	0.25 hrs	Thu 18/05/23 14:45	Thu 18/05/23 15:00	2187	O Gabana,Z Chabulula
2189		Remove Covers and V-Belts	0.5 hrs	Thu 18/05/23 15:00	Thu 18/05/23 15:30	2188	O Gabana,Z Chabulula
2190		Remove pulleys	1 hr	Thu 18/05/23 15:30	Thu 18/05/23 16:30	2189	O Gabana,Z Chabulula
2191		Remove and replace bearings	12 hrs	Thu 18/05/23 16:30	Fri 19/05/23 18:00	2190	O Gabana,Z Chabulula
2192		Replace feeder roller bearings	17 hrs	Sat 20/05/23 07:00	Sun 21/05/23 14:00	2191	O Gabana,Z Chabulula
2193		Install pulleys and carry out alignment	2 hrs	Sun 21/05/23 14:00	Sun 21/05/23 16:00	2192	O Gabana,Z Chabulula
2194		Replace V-Belts and Box Up	2 hrs	Sun 21/05/23 16:00	Sun 21/05/23 18:00	2193	O Gabana,Z Chabulula
2195		Clear Permit	0.25 hrs	Mon 22/05/23 07:00	Mon 22/05/23 07:15	2194	Operations
2196	26B2GG05	BASHUP-0144 - Salt Mill N.2 - Fine Salt Supplementary Crushing Line - Replace rollers	39 hrs	Thu 18/05/23 14:15	Mon 22/05/23 10:45		
2197		Make Out Permit	0.25 hrs	Thu 18/05/23 14:15	Thu 18/05/23 14:30	2186SS	Operations
2198		Accept Permit	0.25 hrs	Thu 18/05/23 14:30	Thu 18/05/23 14:45	2197	O Gabana,Z Chabulula
2199		Carry out risk assessment	0.25 hrs	Thu 18/05/23 14:45	Thu 18/05/23 15:00	2198	O Gabana,Z Chabulula
2200		Remove Covers and V-Belts	1 hr	Thu 18/05/23 15:00	Thu 18/05/23 16:00	2199	O Gabana,Z Chabulula
2201		Remove pulleys and bearings	6 hrs	Thu 18/05/23 16:00	Fri 19/05/23 11:00	2200	O Gabana,Z Chabulula
2202		Remove side cover	3 hrs	Fri 19/05/23 11:00	Fri 19/05/23 14:30	2201	K Opelo,L Kelapile,O Gabana,O Manere,T Moalosi,Z Chabulula,M_Crane7
2203		Rig out both rollers	7 hrs	Fri 19/05/23 14:30	Sat 20/05/23 10:30	2202	A Omphile,K Opelo,L Kelapile,O Gabana,O Manere,T Moalosi,Z Chabulula
2204		Install new rollers and side cover	7 hrs	Sat 20/05/23 10:30	Sat 20/05/23 18:00	2203	A Omphile,K Opelo,L Kelapile,O Gabana,O Manere,T Moalosi,Z Chabulula
2205		Replace bearings	6 hrs	Sun 21/05/23 07:00	Sun 21/05/23 13:30	2204	O Gabana,Z Chabulula
2206		Replace feeder roller bearings	4 hrs	Sun 21/05/23 13:30	Sun 21/05/23 17:30	2205	O Gabana,Z Chabulula



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
2207		Install pulleys and carry out alignment	2 hrs	Sun 21/05/23 17:30	Mon 22/05/23 08:30	2206	O Gabana,Z Chabulula
2208		Replace V-Belts and Box Up	2 hrs	Mon 22/05/23 08:30	Mon 22/05/23 10:30	2207	O Gabana,Z Chabulula
2209		Clear Permit	0.25 hrs	Mon 22/05/23 10:30	Mon 22/05/23 10:45	2208	Operations
2210	26B2GF03	BASHSP-0145 - Fine Salt Supplementary Crusher	15.25 hrs	Thu 18/05/23 14:30	Sat 20/05/23 08:15		
2211		Make Out Permit	0.25 hrs	Thu 18/05/23 14:30	Thu 18/05/23 14:45	2197	Operations
2212		Accept Permit	0.25 hrs	Thu 18/05/23 14:45	Thu 18/05/23 15:00	2211	O Gabana,Z Chabulula
2213		Carry out risk assessment	0.25 hrs	Thu 18/05/23 15:00	Thu 18/05/23 15:15	2212	O Gabana,Z Chabulula
2214		Remove Guards, Covers And V-Belts	0.25 hrs	Thu 18/05/23 15:15	Thu 18/05/23 15:30	2213	O Gabana,Z Chabulula
2215		Remove pulleys	2 hrs	Thu 18/05/23 15:30	Thu 18/05/23 17:30	2214	O Gabana,Z Chabulula
2216		Remove and replace bearings	8 hrs	Thu 18/05/23 17:30	Fri 19/05/23 15:00	2215	O Gabana,Z Chabulula
2217		Install pulleys and carry out alignment	2 hrs	Fri 19/05/23 15:00	Fri 19/05/23 17:00	2216	O Gabana,Z Chabulula
2218		Replace V-Belts and Box Up	2 hrs	Fri 19/05/23 17:00	Sat 20/05/23 08:00	2217	O Gabana,Z Chabulula
2219		Clear Permit	0.25 hrs	Sat 20/05/23 08:00	Sat 20/05/23 08:15	2218	Operations
2220	26B2RH11	BASHSP-0146 - Vibrating Feeder 400/1000 - Fine Salt Supplementary Crushing Line - Carry Out Inspection	5.5 hrs	Sat 20/05/23 08:15	Sat 20/05/23 14:15		
2221		Make Out Permit	0.25 hrs	Sat 20/05/23 08:15	Sat 20/05/23 08:30	2219	Operations
2222		Accept Permit	0.25 hrs	Sat 20/05/23 08:30	Sat 20/05/23 08:45	2221	O Gabana,Z Chabulula
2223		Carry out risk assessment	0.25 hrs	Sat 20/05/23 08:45	Sat 20/05/23 09:00	2222	O Gabana,Z Chabulula
2224		Open Covers and Check Weights and set to 60%	2 hrs	Sat 20/05/23 09:00	Sat 20/05/23 11:00	2223	O Gabana,Z Chabulula
2225		Inspect Springs and Crucks On The Vibrator	2 hrs	Sat 20/05/23 11:00	Sat 20/05/23 13:30	2224	O Gabana,Z Chabulula
2226		Box Up	0.5 hrs	Sat 20/05/23 13:30	Sat 20/05/23 14:00	2225	O Gabana,Z Chabulula
2227		Clear Permit	0.25 hrs	Sat 20/05/23 14:00	Sat 20/05/23 14:15	2226	Operations
2228	26B2RH12	BASHSP-0147 - Vibrating Feeder 600/1000 - Fine Salt Supplementary Crushing Line - Carry Out Inspection	5.5 hrs	Sat 20/05/23 14:15	Sun 21/05/23 08:45		
2229		Make Out Permit	0.25 hrs	Sat 20/05/23 14:15	Sat 20/05/23 14:30	2227	Operations
2230		Accept Permit	0.25 hrs	Sat 20/05/23 14:30	Sat 20/05/23 14:45	2229	O Gabana,Z Chabulula
2231		Carry out risk assessment	0.25 hrs	Sat 20/05/23 14:45	Sat 20/05/23 15:00	2230	O Gabana,Z Chabulula
2232		Open Covers and Check Weights& set to 60%	2 hrs	Sat 20/05/23 15:00	Sat 20/05/23 17:00	2231	O Gabana,Z Chabulula
2233		Inspect Springs and Crucks On The Vibrator	2 hrs	Sat 20/05/23 17:00	Sun 21/05/23 08:00	2232	O Gabana,Z Chabulula
2234		Box Up	0.5 hrs	Sun 21/05/23 08:00	Sun 21/05/23 08:30	2233	O Gabana,Z Chabulula
2235		Clear Permit	0.25 hrs	Sun 21/05/23 08:30	Sun 21/05/23 08:45	2234	O Gabana,Z Chabulula
2236	26A2ST01	BASHSP-0148 - Selective Structural repairs	117 hrs	Wed 03/05/23 07:00	Sat 13/05/23 18:00		
2237		Make Out Permit	0.25 hrs	Wed 03/05/23 07:00	Wed 03/05/23 07:15		Operations
2238		Accept Permit	0.25 hrs	Wed 03/05/23 07:15	Wed 03/05/23 07:30	2237	Steel Contractor 2
2239		Carry out risk assessment	0.25 hrs	Wed 03/05/23 07:30	Wed 03/05/23 07:45	2238	Steel Contractor 2
2240		Barricade to contain grits	12 hrs	Wed 03/05/23 07:45	Thu 04/05/23 08:45	2239	Steel Contractor 2
2241		Install temporary supports	16 hrs	Thu 04/05/23 08:45	Fri 05/05/23 14:15	2240	Steel Contractor 2
2242		Repair steel sections	60 hrs	Thu 04/05/23 08:45	Tue 09/05/23 15:45	2241SS	Steel Contractor 2
2243		Blasting platforms, beams and colums	37.5 hrs	Sat 06/05/23 09:45	Tue 09/05/23 16:15	2242FF+0.5 hr	Sandblaster,Painter
2244		Repair with plate work	75 hrs	Sat 06/05/23 15:15	Sat 13/05/23 16:45	2243SS+5 hr	Sandblaster,Painter
2245		Painting	24 hrs	Thu 11/05/23 14:45	Sat 13/05/23 17:45	2244FF+1 hr	Steel Contractor 2
2246		Clear Permit	0.25 hrs	Sat 13/05/23 17:45	Sat 13/05/23 18:00	2245	Steel Contractor 2
2247	26A2ST01	BASHSP-0148 - Stub Columns	64.5 hrs	Wed 03/05/23 07:15	Tue 09/05/23 07:15		
2248		Make Out Permit	0.25 hrs	Wed 03/05/23 07:15	Wed 03/05/23 07:30	2237	Operations
2249		Accept Permit	0.25 hrs	Wed 03/05/23 07:30	Wed 03/05/23 07:45	2248	Civils Contractor1
2250		Carry out risk assessment	0.25 hrs	Wed 03/05/23 07:45	Wed 03/05/23 08:00	2249	Civils Contractor1
2251		Barricade to contain grits	8 hrs	Wed 03/05/23 08:00	Wed 03/05/23 16:30	2250	Civils Contractor1
2252		Demolish stub columns&clear debris	24 hrs	Wed 03/05/23 16:30	Fri 05/05/23 18:30	2251	Civils Contractor1
2253		Dowel drill and place epoxy treated rebars	8 hrs	Sat 06/05/23 07:00	Sat 06/05/23 15:30	2252	Civils Contractor1
2254		Cage the reinforcement	12 hrs	Sat 06/05/23 15:30	Sun 07/05/23 17:00	2253	Civils Contractor1
2255		Place metal shutters	4 hrs	Sun 07/05/23 17:00	Mon 08/05/23 10:00	2254	Civils Contractor1
2256		Position HD Bolts	1.5 hrs	Mon 08/05/23 10:00	Mon 08/05/23 11:30	2255	Civils Contractor1
2257		Cast concrete and allow to cure	4 hrs	Mon 08/05/23 11:30	Mon 08/05/23 16:00	2256	Civils Contractor1



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
2258		Strip shutters	2 hrs	Mon 08/05/23 16:00	Mon 08/05/23 18:00	2257	Civils Contractor1
2259		Clear Permit	0.25 hrs	Tue 09/05/23 07:00	Tue 09/05/23 07:15	2258	Civils Contractor1
2260		ELECTRICAL	175.25 hrs	Sat 06/05/23 16:45	Tue 23/05/23 13:30		
2261	26B2GB01	BASHSP-0150 - Drying Air Blower - Carry Out Maintenance On Electrical Components	5.25 hrs	Wed 10/05/23 07:15	Wed 10/05/23 13:00		
2262		Make Out Permit	0.25 hrs	Wed 10/05/23 07:15	Wed 10/05/23 07:30	1688,2243	Operations
2263		Accept Permit	0.25 hrs	Wed 10/05/23 07:30	Wed 10/05/23 07:45	2262	K Opelo,T Moalosi
2264		Carry out risk assessment	0.25 hrs	Wed 10/05/23 07:45	Wed 10/05/23 08:00	2263	K Opelo,T Moalosi
2265		Carry Out Electrical Isolation	0.25 hrs	Wed 10/05/23 08:00	Wed 10/05/23 08:15	2264	K Opelo,T Moalosi
2266		Check Loose Connections In The Panel	0.5 hrs	Wed 10/05/23 08:15	Wed 10/05/23 08:45	2265	K Opelo,T Moalosi
2267		Service Panel Components & Clear Dust	0.5 hrs	Wed 10/05/23 08:45	Wed 10/05/23 09:15	2266	K Opelo,T Moalosi
2268		Service Stop/Start	0.5 hrs	Wed 10/05/23 09:15	Wed 10/05/23 09:45	2267	K Opelo,T Moalosi
2269		Check Motor Cooling Fan Condition	0.5 hrs	Wed 10/05/23 09:45	Wed 10/05/23 10:15	2268	K Opelo,T Moalosi
2270		Check Cable Terminal Leads For Over Heating	0.5 hrs	Wed 10/05/23 10:15	Wed 10/05/23 10:45	2269	K Opelo,T Moalosi
2271		Tighten Motor Connections & Gland Integrity	0.5 hrs	Wed 10/05/23 10:45	Wed 10/05/23 11:15	2270	K Opelo,T Moalosi
2272		Seal For Moisture And Dust.	0.5 hrs	Wed 10/05/23 11:15	Wed 10/05/23 11:45	2271	K Opelo,T Moalosi
2273		Confirm Correct Protection Settings	0.5 hrs	Wed 10/05/23 11:45	Wed 10/05/23 12:45	2272	K Opelo,T Moalosi
2274		Clear Permit	0.25 hrs	Wed 10/05/23 12:45	Wed 10/05/23 13:00	2273	K Opelo,T Moalosi
2275	26B2GB02	BASHSP-0151 - Cooling Air Blower - Carry Out Maintenance On Electrical Components	6.75 hrs	Thu 11/05/23 17:30	Fri 12/05/23 13:45		
2276		Make Out Permit	0.25 hrs	Thu 11/05/23 17:30	Thu 11/05/23 17:45	1726,2262	Operations
2277		Accept Permit	0.5 hrs	Thu 11/05/23 17:45	Fri 12/05/23 07:15	2276	K Opelo,T Moalosi
2278		Carry out risk assessment	0.5 hrs	Fri 12/05/23 07:15	Fri 12/05/23 07:45	2277	K Opelo,T Moalosi
2279		Carry Out Electrical Isolation	0.25 hrs	Fri 12/05/23 07:45	Fri 12/05/23 08:00	2278	K Opelo,T Moalosi
2280		Check Loose Connections In The Panel	0.5 hrs	Fri 12/05/23 08:00	Fri 12/05/23 08:30	2279	K Opelo,T Moalosi
2281		Service Panel Components & Clear Dust	0.5 hrs	Fri 12/05/23 08:30	Fri 12/05/23 09:00	2280	K Opelo,T Moalosi
2282		Service Stop/Start	0.5 hrs	Fri 12/05/23 09:00	Fri 12/05/23 09:30	2281	K Opelo,T Moalosi
2283		Check Motor Cooling Fan Condition	0.5 hrs	Fri 12/05/23 09:30	Fri 12/05/23 10:00	2282	K Opelo,T Moalosi
2284		Install junction box	1 hr	Fri 12/05/23 10:00	Fri 12/05/23 11:00	2283	K Opelo,T Moalosi
2285		Check Cable Terminal Leads For Over Heating	0.5 hrs	Fri 12/05/23 11:00	Fri 12/05/23 11:30	2284	K Opelo,T Moalosi
2286		Tighten Motor Connections & Gland Integrity	0.5 hrs	Fri 12/05/23 11:30	Fri 12/05/23 12:00	2285	K Opelo,T Moalosi
2287		Seal For Moisture And Dust.	0.5 hrs	Fri 12/05/23 12:30	Fri 12/05/23 13:00	2286	K Opelo,T Moalosi
2288		Confirm Correct Protection Settings	0.5 hrs	Fri 12/05/23 13:00	Fri 12/05/23 13:30	2287	K Opelo,T Moalosi
2289		Clear Permit	0.25 hrs	Fri 12/05/23 13:30	Fri 12/05/23 13:45	2288	K Opelo,T Moalosi
2290	26A2GB03	BASHSP-0152 - Exhaust Air Fan - Carry Out Maintenance On Electrical Components	34.5 hrs	Fri 19/05/23 07:15	Mon 22/05/23 10:15		
2291		Make Out Permit	0.25 hrs	Fri 19/05/23 07:15	Fri 19/05/23 07:30	1753,2276	Operations
2292		Accept Permit	0.25 hrs	Fri 19/05/23 07:30	Fri 19/05/23 07:45	2291	K Opelo,T Moalosi
2293		Carry out risk assessment	0.25 hrs	Fri 19/05/23 07:45	Fri 19/05/23 08:00	2292	K Opelo,T Moalosi
2294		Isolate NE 20	0.25 hrs	Fri 19/05/23 08:00	Fri 19/05/23 08:15	2293	K Opelo,T Moalosi
2295		Mount New Isolator	2 hrs	Fri 19/05/23 08:15	Fri 19/05/23 10:15	2294	K Opelo,T Moalosi
2296		Disconnect all isolator connections	0.25 hrs	Fri 19/05/23 10:15	Fri 19/05/23 10:30	2295	K Opelo,T Moalosi
2297		Unmount and remove the existing isolator	0.25 hrs	Fri 19/05/23 10:30	Fri 19/05/23 10:45	2296	K Opelo,T Moalosi
2298		Mark new mounting hole	0.25 hrs	Fri 19/05/23 10:45	Fri 19/05/23 11:00	2297	K Opelo,T Moalosi
2299		Drill new mounting hole	0.25 hrs	Fri 19/05/23 11:00	Fri 19/05/23 11:15	2298	K Opelo,T Moalosi
2300		Rivert new mounting nuts	0.25 hrs	Fri 19/05/23 11:15	Fri 19/05/23 11:30	2299	K Opelo,T Moalosi
2301		Position new isolator	0.25 hrs	Fri 19/05/23 11:30	Fri 19/05/23 11:45	2300	K Opelo,T Moalosi
2302		Install junction box	6 hrs	Fri 19/05/23 11:45	Sat 20/05/23 07:15	2301	K Opelo,T Moalosi
2303		Energise NE 20	1.25 hrs	Sat 20/05/23 07:15	Sat 20/05/23 08:30	2302	K Opelo,T Moalosi
2304		Remove Panel door	0.25 hrs	Sat 20/05/23 08:30	Sat 20/05/23 08:45	2303	K Opelo,T Moalosi
2305		Drill new handle holes	0.25 hrs	Sat 20/05/23 08:45	Sat 20/05/23 09:00	2304	K Opelo,T Moalosi
2306		Put back the door	0.25 hrs	Sat 20/05/23 09:00	Sat 20/05/23 09:15	2305	K Opelo,T Moalosi
2307		Position isolator handle and rod	0.25 hrs	Sat 20/05/23 09:15	Sat 20/05/23 09:30	2306	K Opelo,T Moalosi
2308		connet electrical cables	18.5 hrs	Sat 20/05/23 09:30	Sun 21/05/23 18:00	2307	K Opelo,T Moalosi
2309		Isolate board NE 20	0.25 hrs	Mon 22/05/23 07:00	Mon 22/05/23 07:15	2308	K Opelo,T Moalosi
2310		Terminate isolator connection	0.25 hrs	Mon 22/05/23 07:15	Mon 22/05/23 07:30	2309	K Opelo,T Moalosi



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
2311		Energise board NE 20	0.25 hrs	Mon 22/05/23 07:30	Mon 22/05/23 07:45	2310	K Opelo,T Moalosi
2312		Check Loose Connections In The Panel	0.25 hrs	Mon 22/05/23 07:45	Mon 22/05/23 08:00	2311	K Opelo,T Moalosi
2313		Service Panel Components& Clear Dust	0.25 hrs	Mon 22/05/23 08:00	Mon 22/05/23 08:15	2312	K Opelo,T Moalosi
2314		Service Stop/Start	0.25 hrs	Mon 22/05/23 08:15	Mon 22/05/23 08:30	2313	K Opelo,T Moalosi
2315		Check Motor Fan Condition	0.25 hrs	Mon 22/05/23 08:30	Mon 22/05/23 08:45	2314	K Opelo,T Moalosi
2316		Check Cable Terminal Leads For Over Heating	0.25 hrs	Mon 22/05/23 08:45	Mon 22/05/23 09:00	2315	K Opelo,T Moalosi
2317		Tighten Motor Connections& Gland Integrity	0.25 hrs	Mon 22/05/23 09:00	Mon 22/05/23 09:15	2316	K Opelo,T Moalosi
2318		Seal For Moisture And Dust.	0.25 hrs	Mon 22/05/23 09:15	Mon 22/05/23 09:30	2317	K Opelo,T Moalosi
2319		Confirm Correct Protection Settings	0.25 hrs	Mon 22/05/23 09:30	Mon 22/05/23 09:45	2318	K Opelo,T Moalosi
2320		Carryout final inspection	0.25 hrs	Mon 22/05/23 09:45	Mon 22/05/23 10:00	2319	K Opelo,T Moalosi
2321		Clear Permit	0.25 hrs	Mon 22/05/23 10:00	Mon 22/05/23 10:15	2320	K Opelo,T Moalosi
2322	26A2RE01	BASHSP-0153 - Buffer Silo Feed Belt Conveyor - Carry Out Maintenance On Electrical Components	5.75 hrs	Sun 07/05/23 16:00	Mon 08/05/23 10:45		
2323		Make Out Permit	0.25 hrs	Sun 07/05/23 16:00	Sun 07/05/23 16:15	1667,1677	Operations
2324		Accept Permit	0.25 hrs	Sun 07/05/23 16:15	Sun 07/05/23 16:30	2323	K Opelo,T Moalosi
2325		Carry out risk assessment	0.25 hrs	Sun 07/05/23 16:30	Sun 07/05/23 16:45	2324	K Opelo,T Moalosi
2326		Carry Out Electrical Isolation	0.25 hrs	Sun 07/05/23 16:45	Sun 07/05/23 17:00	2325	K Opelo,T Moalosi
2327		Check Loose Connections In The Panel	0.5 hrs	Sun 07/05/23 17:00	Sun 07/05/23 17:30	2326	K Opelo,T Moalosi
2328		Service Panel Components & Clear Dust	0.5 hrs	Sun 07/05/23 17:30	Sun 07/05/23 18:00	2327	K Opelo,T Moalosi
2329		Service Stop/Start, Belt Alignment & Pull Switches	0.5 hrs	Mon 08/05/23 07:00	Mon 08/05/23 07:30	2328	K Opelo,T Moalosi
2330		Service Safe Start Circuit & Insure Siren Is Working	0.5 hrs	Mon 08/05/23 07:30	Mon 08/05/23 08:00	2329	K Opelo,T Moalosi
2331		Check Motor Fan Condition	0.5 hrs	Mon 08/05/23 08:00	Mon 08/05/23 08:30	2330	K Opelo,T Moalosi
2332		Check Cable Terminal Leads For Over Heating	0.5 hrs	Mon 08/05/23 08:30	Mon 08/05/23 09:00	2331	K Opelo,T Moalosi
2333		Tighten Motor Connections & Gland Integrity	0.5 hrs	Mon 08/05/23 09:00	Mon 08/05/23 09:30	2332	K Opelo,T Moalosi
2334		Seal For Moisture And Dust.	0.5 hrs	Mon 08/05/23 09:30	Mon 08/05/23 10:00	2333	K Opelo,T Moalosi
2335		Confirm Correct Protection Settings	0.5 hrs	Mon 08/05/23 10:00	Mon 08/05/23 10:30	2334	K Opelo,T Moalosi
2336		Clear Permit	0.25 hrs	Mon 08/05/23 10:30	Mon 08/05/23 10:45	2335	K Opelo,T Moalosi
2337	26A2RE02	BASHSP-0154 - Drier Feed Conveyor - Carry Out Maintenance On Electrical Components	3.5 hrs	Mon 08/05/23 16:00	Tue 09/05/23 08:30		
2338		Make Out Permit	0.25 hrs	Mon 08/05/23 16:00	Mon 08/05/23 16:15	1617	Operations
2339		Accept Permit	0.25 hrs	Mon 08/05/23 16:15	Mon 08/05/23 16:30	2338	K Opelo,T Moalosi
2340		Carry out risk assessment	0.25 hrs	Mon 08/05/23 16:30	Mon 08/05/23 16:45	2339	K Opelo,T Moalosi
2341		Carry Out Electrical Isolation	0.25 hrs	Mon 08/05/23 16:45	Mon 08/05/23 17:00	2340	K Opelo,T Moalosi
2342		Check Loose Connections In The Panel	0.25 hrs	Mon 08/05/23 17:00	Mon 08/05/23 17:15	2341	K Opelo,T Moalosi
2343		Service Panel Components & Clear Dust	0.25 hrs	Mon 08/05/23 17:15	Mon 08/05/23 17:30	2342	K Opelo,T Moalosi
2344		Service Stop/Start, Belt Alignment & Pull Switches	0.25 hrs	Mon 08/05/23 17:30	Mon 08/05/23 17:45	2343	K Opelo,T Moalosi
2345		Service Safe Start Circuit & Insure Siren Is Working	0.25 hrs	Mon 08/05/23 17:45	Mon 08/05/23 18:00	2344	K Opelo,T Moalosi
2346		Check Motor Fan Condition	0.25 hrs	Tue 09/05/23 07:00	Tue 09/05/23 07:15	2345	K Opelo,T Moalosi
2347		Check Cable Terminal Leads For Over Heating	0.25 hrs	Tue 09/05/23 07:15	Tue 09/05/23 07:30	2346	K Opelo,T Moalosi
2348		Tighten Motor Connections & Gland Integrity	0.25 hrs	Tue 09/05/23 07:30	Tue 09/05/23 07:45	2347	K Opelo,T Moalosi
2349		Seal For Moisture And Dust.	0.25 hrs	Tue 09/05/23 07:45	Tue 09/05/23 08:00	2348	K Opelo,T Moalosi
2350		Confirm Correct Protection Settings	0.25 hrs	Tue 09/05/23 08:00	Tue 09/05/23 08:15	2349	K Opelo,T Moalosi
2351		Clear Permit	0.25 hrs	Tue 09/05/23 08:15	Tue 09/05/23 08:30	2350	K Opelo,T Moalosi
2352	26B2RM01	BASHSP-0155 - Starvrac Discharge Device - Inspection and maintenance	2.75 hrs	Fri 19/05/23 07:30	Fri 19/05/23 10:15		
2353		Make Out Permit	0.25 hrs	Fri 19/05/23 07:30	Fri 19/05/23 07:45	2291	Operations
2354		Accept Permit	0.25 hrs	Fri 19/05/23 07:45	Fri 19/05/23 08:00	2353	K Opelo,T Moalosi
2355		Carry out risk assessment	0.25 hrs	Fri 19/05/23 08:00	Fri 19/05/23 08:15	2354	K Opelo,T Moalosi
2356		Carry Out Electrical Isolation	0.25 hrs	Fri 19/05/23 08:15	Fri 19/05/23 08:30	2355	K Opelo,T Moalosi
2357		Tighten Electrical Connections In The Panel	0.25 hrs	Fri 19/05/23 08:30	Fri 19/05/23 08:45	2356	K Opelo,T Moalosi
2358		Service Panel Components & Clear Dust	0.25 hrs	Fri 19/05/23 08:45	Fri 19/05/23 09:00	2357	K Opelo,T Moalosi
2359		Service Stop/Start	0.25 hrs	Fri 19/05/23 09:00	Fri 19/05/23 09:15	2358	K Opelo,T Moalosi
2360		Tighten Motor Connections & Gland Integrity	0.25 hrs	Fri 19/05/23 09:15	Fri 19/05/23 09:30	2359	K Opelo,T Moalosi
2361		Seal For Moisture And Dust	0.25 hrs	Fri 19/05/23 09:30	Fri 19/05/23 09:45	2360	K Opelo,T Moalosi
2362		Confirm Correct Protection Settings	0.25 hrs	Fri 19/05/23 09:45	Fri 19/05/23 10:00	2361	K Opelo,T Moalosi



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
2363		Clear Permit	0.25 hrs	Fri 19/05/23 10:00	Fri 19/05/23 10:15	2362	K Opelo,T Moalosi
2364	26B2RM01	BASHSP-0156 - Starvrac Traverse Device - Inspection and maintenance	5.5 hrs	Fri 19/05/23 07:45	Fri 19/05/23 13:45		
2365		Make Out Permit	0.25 hrs	Fri 19/05/23 07:45	Fri 19/05/23 08:00	2353	Operations
2366		Accept Permit	0.25 hrs	Fri 19/05/23 08:00	Fri 19/05/23 08:15	2365	K Opelo,T Moalosi
2367		Carry out risk assessment	0.25 hrs	Fri 19/05/23 08:15	Fri 19/05/23 08:30	2366	K Opelo,T Moalosi
2368		Remove and inspect slip rings	0.25 hrs	Fri 19/05/23 08:30	Fri 19/05/23 08:45	2367	K Opelo,T Moalosi
2369		Strip slip ring	0.5 hrs	Fri 19/05/23 08:45	Fri 19/05/23 09:15	2368	K Opelo,T Moalosi
2370		Clean slip rings	1 hr	Fri 19/05/23 09:15	Fri 19/05/23 10:15	2369	K Opelo,T Moalosi
2371		Inspect and clean brushes	0.5 hrs	Fri 19/05/23 10:15	Fri 19/05/23 10:45	2370	K Opelo,T Moalosi
2372		Assemble slip ring	0.5 hrs	Fri 19/05/23 10:45	Fri 19/05/23 11:15	2371	K Opelo,T Moalosi
2373		Re-install slip ring	1 hr	Fri 19/05/23 11:15	Fri 19/05/23 12:45	2372	K Opelo,T Moalosi
2374		Check and test connections integrity	0.5 hrs	Fri 19/05/23 12:45	Fri 19/05/23 13:15	2373	K Opelo,T Moalosi
2375		Commission equipment	0.25 hrs	Fri 19/05/23 13:15	Fri 19/05/23 13:30	2374	K Opelo,T Moalosi
2376		Clear permit	0.25 hrs	Fri 19/05/23 13:30	Fri 19/05/23 13:45	2375	K Opelo,T Moalosi
2377	26B2GN01	BASHSP-0157 - Crystal Salt Screen - Carry Out Maintenance On Electrical Components	5.75 hrs	Mon 15/05/23 17:15	Tue 16/05/23 12:00		
2378		Make Out Permit	0.25 hrs	Mon 15/05/23 17:15	Mon 15/05/23 17:30	1824	Operations
2379		Accept Permit	0.25 hrs	Mon 15/05/23 17:30	Mon 15/05/23 17:45	2378	K Opelo,T Moalosi
2380		Carry out risk assessment	0.25 hrs	Mon 15/05/23 17:45	Mon 15/05/23 18:00	2379	K Opelo,T Moalosi
2381		Carry Out Electrical Isolation	0.25 hrs	Tue 16/05/23 07:00	Tue 16/05/23 07:15	2380	K Opelo,T Moalosi
2382		Check Loose Connections Inside The Panel	0.5 hrs	Tue 16/05/23 07:15	Tue 16/05/23 07:45	2381	K Opelo,T Moalosi
2383		Service Panel Components & Clear Dust	0.5 hrs	Tue 16/05/23 07:45	Tue 16/05/23 08:15	2382	K Opelo,T Moalosi
2384		Service Terminal Box, Replace Worn Clip-On Terminals	0.5 hrs	Tue 16/05/23 08:15	Tue 16/05/23 08:45	2383	K Opelo,T Moalosi
2385		Replace Worn Butt Terminals/Lugs	0.5 hrs	Tue 16/05/23 08:45	Tue 16/05/23 09:15	2384	K Opelo,T Moalosi
2386		Check Protection Breakers For Open Circuit	0.5 hrs	Tue 16/05/23 09:15	Tue 16/05/23 09:45	2385	K Opelo,T Moalosi
2387		Service Field Isolator	0.5 hrs	Tue 16/05/23 09:45	Tue 16/05/23 10:15	2386	K Opelo,T Moalosi
2388		Label Controllers, Current Monitors & Rear Terminals	0.5 hrs	Tue 16/05/23 10:15	Tue 16/05/23 10:45	2387	K Opelo,T Moalosi
2389		Confirm Correct Current Monitor Settings	0.5 hrs	Tue 16/05/23 10:45	Tue 16/05/23 11:15	2388	K Opelo,T Moalosi
2390		Confirm Correct Protection Settings	0.5 hrs	Tue 16/05/23 11:15	Tue 16/05/23 11:45	2389	K Opelo,T Moalosi
2391		Clear Permit	0.25 hrs	Tue 16/05/23 11:45	Tue 16/05/23 12:00	2390	K Opelo,T Moalosi
2392	26B2GN02	BASHSP-0158 - Milled Salt Screen - Services Coils, Field Db And Panel Components	5.75 hrs	Mon 15/05/23 17:15	Tue 16/05/23 12:00		
2393		Make Out Permit	0.25 hrs	Mon 15/05/23 17:15	Mon 15/05/23 17:30	1824SS	Operations
2394		Accept Permit	0.25 hrs	Mon 15/05/23 17:30	Mon 15/05/23 17:45	2393	K Opelo,T Moalosi
2395		Carry out risk assessment	0.25 hrs	Mon 15/05/23 17:45	Mon 15/05/23 18:00	2394	K Opelo,T Moalosi
2396		Carry Out Electrical Isolation	0.25 hrs	Tue 16/05/23 07:00	Tue 16/05/23 07:15	2395	K Opelo,T Moalosi
2397		Check Loose Connections Inside The Panel	0.5 hrs	Tue 16/05/23 07:15	Tue 16/05/23 07:45	2396	K Opelo,T Moalosi
2398		Service Panel Components & Clear Dust	0.5 hrs	Tue 16/05/23 07:45	Tue 16/05/23 08:15	2397	K Opelo,T Moalosi
2399		Service Terminal Box, Replace Worn Clip-On Terminals	0.5 hrs	Tue 16/05/23 08:15	Tue 16/05/23 08:45	2398	K Opelo,T Moalosi
2400		Replace Worn Butt Terminals/Lugs	0.5 hrs	Tue 16/05/23 08:45	Tue 16/05/23 09:15	2399	K Opelo,T Moalosi
2401		Check Protection Breakers For Open Circuit	0.5 hrs	Tue 16/05/23 09:15	Tue 16/05/23 09:45	2400	K Opelo,T Moalosi
2402		Service Field Isolator	0.5 hrs	Tue 16/05/23 09:45	Tue 16/05/23 10:15	2401	K Opelo,T Moalosi
2403		Label Controllers, Current Monitors & Rear Terminals	0.5 hrs	Tue 16/05/23 10:15	Tue 16/05/23 10:45	2402	K Opelo,T Moalosi
2404		Confirm Correct Current Monitor Settings	0.5 hrs	Tue 16/05/23 10:45	Tue 16/05/23 11:15	2403	K Opelo,T Moalosi
2405		Confirm Correct Protection Settings	0.5 hrs	Tue 16/05/23 11:15	Tue 16/05/23 11:45	2404	K Opelo,T Moalosi
2406		Clear Permit	0.25 hrs	Tue 16/05/23 11:45	Tue 16/05/23 12:00	2405	K Opelo,T Moalosi
2407	26B2RP01	BASHSP-0159 - Dried Salt Elevator - Carry Out Maintenance On Electrical Components	6 hrs	Sun 14/05/23 07:30	Sun 14/05/23 14:00		
2408		Make Out Permit	0.25 hrs	Sun 14/05/23 07:30	Sun 14/05/23 07:45	1796	Operations
2409		Accept Permit	0.25 hrs	Sun 14/05/23 07:45	Sun 14/05/23 08:00	2408	K Opelo,T Moalosi
2410		Carry out risk assessment	0.25 hrs	Sun 14/05/23 08:00	Sun 14/05/23 08:15	2409	K Opelo,T Moalosi
2411		Carry Out Electrical Isolation	0.25 hrs	Sun 14/05/23 08:15	Sun 14/05/23 08:30	2410	K Opelo,T Moalosi
2412		Check Loose Connections In The Panel	0.5 hrs	Sun 14/05/23 08:30	Sun 14/05/23 09:00	2411	K Opelo,T Moalosi
2413		Service Panel Components & Clear Dust	0.5 hrs	Sun 14/05/23 09:00	Sun 14/05/23 09:30	2412	K Opelo,T Moalosi
2414		Service Stop/Start	0.5 hrs	Sun 14/05/23 09:30	Sun 14/05/23 10:00	2413	K Opelo,T Moalosi
2415		Service Safe Start Circuit & Insure Siren Is Working	0.5 hrs	Sun 14/05/23 10:00	Sun 14/05/23 10:30	2414	K Opelo,T Moalosi



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
2416		Check underspeed functionality	0.25 hrs	Sun 14/05/23 10:30	Sun 14/05/23 10:45	2415	K Opelo,T Moalosi
2417		Service Under speed Circuit	0.5 hrs	Sun 14/05/23 10:45	Sun 14/05/23 11:15	2416	K Opelo,T Moalosi
2418		Check Cable Terminal Leads For Over Heating	0.5 hrs	Sun 14/05/23 11:15	Sun 14/05/23 11:45	2417	K Opelo,T Moalosi
2419		Tighten Motor Connections & Gland Integrity	0.5 hrs	Sun 14/05/23 11:45	Sun 14/05/23 12:45	2418	K Opelo,T Moalosi
2420		Seal For Moisture And Dust.	0.5 hrs	Sun 14/05/23 12:45	Sun 14/05/23 13:15	2419	K Opelo,T Moalosi
2421		Confirm Correct Protection Settings	0.5 hrs	Sun 14/05/23 13:15	Sun 14/05/23 13:45	2420	K Opelo,T Moalosi
2422		Clear Permit	0.25 hrs	Sun 14/05/23 13:45	Sun 14/05/23 14:00	2421	K Opelo,T Moalosi
2423	26B2RP02	BASHSP-0160 - Milled Salt Elevator - Carry Out Maintenance On Electrical Components	6 hrs	Mon 15/05/23 17:00	Tue 16/05/23 12:00		
2424		Make Out Permit	0.25 hrs	Mon 15/05/23 17:00	Mon 15/05/23 17:15	1865	Operations
2425		Accept Permit	0.25 hrs	Mon 15/05/23 17:15	Mon 15/05/23 17:30	2424	K Opelo,T Moalosi
2426		Carry out risk assessment	0.25 hrs	Mon 15/05/23 17:30	Mon 15/05/23 17:45	2425	K Opelo,T Moalosi
2427		Carry Out Electrical Isolation	0.25 hrs	Mon 15/05/23 17:45	Mon 15/05/23 18:00	2426	K Opelo,T Moalosi
2428		Check Loose Connections In The Panel	0.5 hrs	Tue 16/05/23 07:00	Tue 16/05/23 07:30	2427	K Opelo,T Moalosi
2429		Service Panel Components & Clear Dust	0.5 hrs	Tue 16/05/23 07:30	Tue 16/05/23 08:00	2428	K Opelo,T Moalosi
2430		Service Stop/Start	0.5 hrs	Tue 16/05/23 08:00	Tue 16/05/23 08:30	2429	K Opelo,T Moalosi
2431		Service Safe Start Circuit & Insure Siren Is Working	0.5 hrs	Tue 16/05/23 08:30	Tue 16/05/23 09:00	2430	K Opelo,T Moalosi
2432		Check underspeed sensor functionality	0.25 hrs	Tue 16/05/23 09:00	Tue 16/05/23 09:15	2431	K Opelo,T Moalosi
2433		Service Under speed Circuit	0.5 hrs	Tue 16/05/23 09:15	Tue 16/05/23 09:45	2432	K Opelo,T Moalosi
2434		Check Cable Terminal Leads For Over Heating	0.5 hrs	Tue 16/05/23 09:45	Tue 16/05/23 10:15	2433	K Opelo,T Moalosi
2435		Tighten Motor Connections & Gland Integrity	0.5 hrs	Tue 16/05/23 10:15	Tue 16/05/23 10:45	2434	K Opelo,T Moalosi
2436		Seal For Moisture And Dust.	0.5 hrs	Tue 16/05/23 10:45	Tue 16/05/23 11:15	2435	K Opelo,T Moalosi
2437		Confirm Correct Protection Settings	0.5 hrs	Tue 16/05/23 11:15	Tue 16/05/23 11:45	2436	K Opelo,T Moalosi
2438		Clear Permit	0.25 hrs	Tue 16/05/23 11:45	Tue 16/05/23 12:00	2437	K Opelo,T Moalosi
2439	26B2RP03	BASHSP-0161 - Fine Salt Elevator - Carry Out Maintenance On Electrical Components	6 hrs	Sat 06/05/23 16:45	Sun 07/05/23 11:45		
2440		Make Out Permit	0.25 hrs	Sat 06/05/23 16:45	Sat 06/05/23 17:00	1881	Operations
2441		Accept Permit	0.25 hrs	Sat 06/05/23 17:00	Sat 06/05/23 17:15	2440	K Opelo,T Moalosi
2442		Carry out risk assessment	0.25 hrs	Sat 06/05/23 17:15	Sat 06/05/23 17:30	2441	K Opelo,T Moalosi
2443		Carry Out Electrical Isolation	0.25 hrs	Sat 06/05/23 17:30	Sat 06/05/23 17:45	2442	K Opelo,T Moalosi
2444		Check Loose Connections In The Panel	0.5 hrs	Sat 06/05/23 17:45	Sun 07/05/23 07:15	2443	K Opelo,T Moalosi
2445		Service Panel Components & Clear Dust	0.5 hrs	Sun 07/05/23 07:15	Sun 07/05/23 07:45	2444	K Opelo,T Moalosi
2446		Service Stop/Start	0.5 hrs	Sun 07/05/23 07:45	Sun 07/05/23 08:15	2445	K Opelo,T Moalosi
2447		Service Safe Start Circuit & Insure Siren Is Working	0.5 hrs	Sun 07/05/23 08:15	Sun 07/05/23 08:45	2446	K Opelo,T Moalosi
2448		Check underspeed sensor functionality	0.25 hrs	Sun 07/05/23 08:45	Sun 07/05/23 09:00	2447	K Opelo,T Moalosi
2449		Service Under speed Circuit	0.5 hrs	Sun 07/05/23 09:00	Sun 07/05/23 09:30	2448	K Opelo,T Moalosi
2450		Check Cable Terminal Leads For Over Heating	0.5 hrs	Sun 07/05/23 09:30	Sun 07/05/23 10:00	2449	K Opelo,T Moalosi
2451		Tighten Motor Connections & Gland Integrity	0.5 hrs	Sun 07/05/23 10:00	Sun 07/05/23 10:30	2450	K Opelo,T Moalosi
2452		Seal For Moisture And Dust.	0.5 hrs	Sun 07/05/23 10:30	Sun 07/05/23 11:00	2451	K Opelo,T Moalosi
2453		Confirm Correct Protection Settings	0.5 hrs	Sun 07/05/23 11:00	Sun 07/05/23 11:30	2452	K Opelo,T Moalosi
2454		Clear Permit	0.25 hrs	Sun 07/05/23 11:30	Sun 07/05/23 11:45	2453	K Opelo,T Moalosi
2455	26A2RH09A	BASHSP-0162 - Fine Salt Tube Feeder - Carry Out Maintenance On Electrical Components	4.5 hrs	Fri 19/05/23 14:45	Sat 20/05/23 08:15		
2456		Make Out Permit	0.25 hrs	Fri 19/05/23 14:45	Fri 19/05/23 15:00	1947	Operations
2457		Accept Permit	0 hrs	Fri 19/05/23 15:00	Fri 19/05/23 15:00	2456	K Opelo,T Moalosi
2458		Carry out risk assessment	0.25 hrs	Fri 19/05/23 15:00	Fri 19/05/23 15:15	2457	K Opelo,T Moalosi
2459		Carry Out Electrical Isolation	0.25 hrs	Fri 19/05/23 15:15	Fri 19/05/23 15:30	2458	K Opelo,T Moalosi
2460		Check Loose Connections In The Panel	0.5 hrs	Fri 19/05/23 15:30	Fri 19/05/23 16:00	2459	K Opelo,T Moalosi
2461		Service Panel Components & Clear Dust	0.5 hrs	Fri 19/05/23 16:00	Fri 19/05/23 16:30	2460	K Opelo,T Moalosi
2462		Service Stop/Start	0.5 hrs	Fri 19/05/23 16:30	Fri 19/05/23 17:00	2461	K Opelo,T Moalosi
2463		Inspect And Secure Motor Supply Cable	0.5 hrs	Fri 19/05/23 17:00	Fri 19/05/23 17:30	2462	K Opelo,T Moalosi
2464		Tighten Motor Connections & Gland Integrity	0.5 hrs	Fri 19/05/23 17:30	Fri 19/05/23 18:00	2463	K Opelo,T Moalosi
2465		Seal For Moisture And Dust.	0.5 hrs	Sat 20/05/23 07:00	Sat 20/05/23 07:30	2464	K Opelo,T Moalosi
2466		Confirm Correct Protection Settings	0.5 hrs	Sat 20/05/23 07:30	Sat 20/05/23 08:00	2465	K Opelo,T Moalosi
2467		Clear Permit	0.25 hrs	Sat 20/05/23 08:00	Sat 20/05/23 08:15	2466	K Opelo,T Moalosi
2468	26A2RH09B	BASHSP-0163 - Fine Salt Tube Feeder - Carry Out Maintenance On Electrical Components	4.75 hrs	Fri 19/05/23 14:45	Sat 20/05/23 08:30		



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
2469		Make Out Permit	0.25 hrs	Fri 19/05/23 14:45	Fri 19/05/23 15:00	1947	Operations
2470		Accept Permit	0.25 hrs	Fri 19/05/23 15:00	Fri 19/05/23 15:15	2469	K Opelo,T Moalosi
2471		Carry out risk assessment	0.25 hrs	Fri 19/05/23 15:15	Fri 19/05/23 15:30	2470	K Opelo,T Moalosi
2472		Carry Out Electrical Isolation	0.25 hrs	Fri 19/05/23 15:30	Fri 19/05/23 15:45	2471	K Opelo,T Moalosi
2473		Check Loose Connections In The Panel	0.5 hrs	Fri 19/05/23 15:45	Fri 19/05/23 16:15	2472	K Opelo,T Moalosi
2474		Service Panel Components & Clear Dust	0.5 hrs	Fri 19/05/23 16:15	Fri 19/05/23 16:45	2473	K Opelo,T Moalosi
2475		Service Stop/Start	0.5 hrs	Fri 19/05/23 16:45	Fri 19/05/23 17:15	2474	K Opelo,T Moalosi
2476		Inspect And Secure Motor Supply Cable	0.5 hrs	Fri 19/05/23 17:15	Fri 19/05/23 17:45	2475	K Opelo,T Moalosi
2477		Tighten Motor Connections & Gland Integrity	0.5 hrs	Fri 19/05/23 17:45	Sat 20/05/23 07:15	2476	K Opelo,T Moalosi
2478		Seal For Moisture And Dust.	0.5 hrs	Sat 20/05/23 07:15	Sat 20/05/23 07:45	2477	K Opelo,T Moalosi
2479		Confirm Correct Protection Settings	0.5 hrs	Sat 20/05/23 07:45	Sat 20/05/23 08:15	2478	K Opelo,T Moalosi
2480		Clear Permit	0.25 hrs	Sat 20/05/23 08:15	Sat 20/05/23 08:30	2479	K Opelo,T Moalosi
2481	26A2RH05A	BASHSP-0164 - Tube Feeder - Carry Out Maintenance On Electrical Components	4.75 hrs	Fri 19/05/23 14:45	Sat 20/05/23 08:30		
2482		Make Out Permit	0.25 hrs	Fri 19/05/23 14:45	Fri 19/05/23 15:00	1947,2243	Operations
2483		Accept Permit	0.25 hrs	Fri 19/05/23 15:00	Fri 19/05/23 15:15	2482	K Opelo,T Moalosi
2484		Carry out risk assessment	0.25 hrs	Fri 19/05/23 15:15	Fri 19/05/23 15:30	2483	K Opelo,T Moalosi
2485		Carry Out Electrical Isolation	0.25 hrs	Fri 19/05/23 15:30	Fri 19/05/23 15:45	2484	K Opelo,T Moalosi
2486		Check Loose Connections In The Panel	0.5 hrs	Fri 19/05/23 15:45	Fri 19/05/23 16:15	2485	K Opelo,T Moalosi
2487		Service Panel Components & Clear Dust	0.5 hrs	Fri 19/05/23 16:15	Fri 19/05/23 16:45	2486	K Opelo,T Moalosi
2488		Service Stop/Start	0.5 hrs	Fri 19/05/23 16:45	Fri 19/05/23 17:15	2487	K Opelo,T Moalosi
2489		Inspect And Secure Motor Supply Cable	0.5 hrs	Fri 19/05/23 17:15	Fri 19/05/23 17:45	2488	K Opelo,T Moalosi
2490		Tighten Motor Connections & Gland Integrity	0.5 hrs	Fri 19/05/23 17:45	Sat 20/05/23 07:15	2489	K Opelo,T Moalosi
2491		Seal For Moisture And Dust.	0.5 hrs	Sat 20/05/23 07:15	Sat 20/05/23 07:45	2490	K Opelo,T Moalosi
2492		Confirm Correct Protection Settings	0.5 hrs	Sat 20/05/23 07:45	Sat 20/05/23 08:15	2491	K Opelo,T Moalosi
2493		Clear Permit	0.25 hrs	Sat 20/05/23 08:15	Sat 20/05/23 08:30	2492	K Opelo,T Moalosi
2494	26B2RH05B	BASHSP-0165 - Tube Feeder - Carry Out Maintenance On Electrical Components	4.75 hrs	Fri 19/05/23 14:45	Sat 20/05/23 08:30		
2495		Make Out Permit	0.25 hrs	Fri 19/05/23 14:45	Fri 19/05/23 15:00	1947,2243	Operations
2496		Accept Permit	0.25 hrs	Fri 19/05/23 15:00	Fri 19/05/23 15:15	2495	K Opelo,T Moalosi
2497		Carry out risk assessment	0.25 hrs	Fri 19/05/23 15:15	Fri 19/05/23 15:30	2496	K Opelo,T Moalosi
2498		Carry Out Electrical Isolation	0.25 hrs	Fri 19/05/23 15:30	Fri 19/05/23 15:45	2497	K Opelo,T Moalosi
2499		Check Loose Connections In The Panel	0.5 hrs	Fri 19/05/23 15:45	Fri 19/05/23 16:15	2498	K Opelo,T Moalosi
2500		Service Panel Components & Clear Dust	0.5 hrs	Fri 19/05/23 16:15	Fri 19/05/23 16:45	2499	K Opelo,T Moalosi
2501		Service Stop/Start	0.5 hrs	Fri 19/05/23 16:45	Fri 19/05/23 17:15	2500	K Opelo,T Moalosi
2502		Inspect And Secure Motor Supply Cable	0.5 hrs	Fri 19/05/23 17:15	Fri 19/05/23 17:45	2501	K Opelo,T Moalosi
2503		Tighten Motor Connections & Gland Integrity	0.5 hrs	Fri 19/05/23 17:45	Sat 20/05/23 07:15	2502	K Opelo,T Moalosi
2504		Seal For Moisture And Dust.	0.5 hrs	Sat 20/05/23 07:15	Sat 20/05/23 07:45	2503	K Opelo,T Moalosi
2505		Confirm Correct Protection Settings	0.5 hrs	Sat 20/05/23 07:45	Sat 20/05/23 08:15	2504	K Opelo,T Moalosi
2506		Clear Permit	0.25 hrs	Sat 20/05/23 08:15	Sat 20/05/23 08:30	2505	K Opelo,T Moalosi
2507	26B2RH06A	BASHSP-0166 - Vibrator Tube Feeder - Carry Out Maintenance On Electrical Components	5.75 hrs	Sat 20/05/23 13:15	Sun 21/05/23 08:00		
2508		Make Out Permit	0.25 hrs	Sat 20/05/23 13:15	Sat 20/05/23 13:30	1958	Operations
2509		Accept Permit	0.25 hrs	Sat 20/05/23 13:30	Sat 20/05/23 13:45	2508	K Opelo,T Moalosi
2510		Carry out risk assessment	0.25 hrs	Sat 20/05/23 13:45	Sat 20/05/23 14:00	2509	K Opelo,T Moalosi
2511		Carry Out Electrical Isolation	0.25 hrs	Sat 20/05/23 14:00	Sat 20/05/23 14:15	2510	K Opelo,T Moalosi
2512		Check Loose Connections In The Panel	0.5 hrs	Sat 20/05/23 14:15	Sat 20/05/23 14:45	2511	K Opelo,T Moalosi
2513		Service Panel Components & Clear Dust	0.5 hrs	Sat 20/05/23 14:45	Sat 20/05/23 15:15	2512	K Opelo,T Moalosi
2514		Service Stop/Start	0.5 hrs	Sat 20/05/23 15:15	Sat 20/05/23 15:45	2513	K Opelo,T Moalosi
2515		Inspect And Secure Motor Supply Cable for bot motors	0.5 hrs	Sat 20/05/23 15:45	Sat 20/05/23 16:15	2514	K Opelo,T Moalosi
2516		Test motor supply cable for faults and replace if when faulty	0.5 hrs	Sat 20/05/23 16:15	Sat 20/05/23 16:45	2515	K Opelo,T Moalosi
2517		Carry out cable joint on southern motor supply cable from substation	0.5 hrs	Sat 20/05/23 16:45	Sat 20/05/23 17:15	2516	K Opelo,T Moalosi
2518		Tighten Motor Connections & Gland Integrity	0.5 hrs	Sat 20/05/23 17:15	Sat 20/05/23 17:45	2517	K Opelo,T Moalosi
2519		Seal For Moisture And Dust.	0.5 hrs	Sat 20/05/23 17:45	Sun 21/05/23 07:15	2518	K Opelo,T Moalosi
2520		Confirm Correct Protection Settings	0.5 hrs	Sun 21/05/23 07:15	Sun 21/05/23 07:45	2519	K Opelo,T Moalosi
2521		Clear Permit	0.25 hrs	Sun 21/05/23 07:45	Sun 21/05/23 08:00	2520	K Opelo,T Moalosi



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
2522	26B2RH03A	BASHSP-0167 - Vibrator Tube Feeder - Carry Out Maintenance On Electrical Components	4.75 hrs	Sat 20/05/23 13:30	Sun 21/05/23 07:15		
2523		Make Out Permit	0.25 hrs	Sat 20/05/23 13:30	Sat 20/05/23 13:45	1958,2508	Operations
2524		Accept Permit	0.25 hrs	Sat 20/05/23 13:45	Sat 20/05/23 14:00	2523	K Opelo,T Moalosi
2525		Carry out risk assessment	0.25 hrs	Sat 20/05/23 14:00	Sat 20/05/23 14:15	2524	K Opelo,T Moalosi
2526		Carry Out Electrical Isolation	0.25 hrs	Sat 20/05/23 14:15	Sat 20/05/23 14:30	2525	K Opelo,T Moalosi
2527		Check Loose Connections In The Panel	0.5 hrs	Sat 20/05/23 14:30	Sat 20/05/23 15:00	2526	K Opelo,T Moalosi
2528		Service Panel Components & Clear Dust	0.5 hrs	Sat 20/05/23 15:00	Sat 20/05/23 15:30	2527	K Opelo,T Moalosi
2529		Service Stop/Start	0.5 hrs	Sat 20/05/23 15:30	Sat 20/05/23 16:00	2528	K Opelo,T Moalosi
2530		Inspect And Secure Motor Supply Cable	0.5 hrs	Sat 20/05/23 16:00	Sat 20/05/23 16:30	2529	K Opelo,T Moalosi
2531		Tighten Motor Connections & Gland Integrity	0.5 hrs	Sat 20/05/23 16:30	Sat 20/05/23 17:00	2530	K Opelo,T Moalosi
2532		Seal For Moisture And Dust.	0.5 hrs	Sat 20/05/23 17:00	Sat 20/05/23 17:30	2531	K Opelo,T Moalosi
2533		Confirm Correct Protection Settings	0.5 hrs	Sat 20/05/23 17:30	Sat 20/05/23 18:00	2532	K Opelo,T Moalosi
2534		Clear Permit	0.25 hrs	Sun 21/05/23 07:00	Sun 21/05/23 07:15	2533	K Opelo,T Moalosi
2535	26B2GG04	BASHSP-0168 - #1 Salt Mill Supplementary Crusher - Service Electric Motor And Panel Components	3.25 hrs	Sun 21/05/23 16:00	Mon 22/05/23 08:15		
2536		Make Out Permit	0.25 hrs	Sun 21/05/23 16:00	Sun 21/05/23 16:15	2193	Operations
2537		Accept Permit	0.25 hrs	Sun 21/05/23 16:15	Sun 21/05/23 16:30	2536	K Opelo,T Moalosi
2538		Carry out risk assessment	0.25 hrs	Sun 21/05/23 16:30	Sun 21/05/23 16:45	2537	K Opelo,T Moalosi
2539		Carry Out Electrical Isolation	0.25 hrs	Sun 21/05/23 16:45	Sun 21/05/23 17:00	2538	K Opelo,T Moalosi
2540		Check Loose Connections In The Panel	0.25 hrs	Sun 21/05/23 17:00	Sun 21/05/23 17:15	2539	K Opelo,T Moalosi
2541		Service Panel Components And Clear Dust	0.25 hrs	Sun 21/05/23 17:15	Sun 21/05/23 17:30	2540	K Opelo,T Moalosi
2542		Service Stop/Start	0.25 hrs	Sun 21/05/23 17:30	Sun 21/05/23 17:45	2541	K Opelo,T Moalosi
2543		Check Motor Cooling Fan Condition	0.25 hrs	Sun 21/05/23 17:45	Sun 21/05/23 18:00	2542	K Opelo,T Moalosi
2544		Check Cable Terminals Leads For Over Heating	0.25 hrs	Mon 22/05/23 07:00	Mon 22/05/23 07:15	2543	K Opelo,T Moalosi
2545		Tighten Motor Connections And Gland Integrity	0.25 hrs	Mon 22/05/23 07:15	Mon 22/05/23 07:30	2544	K Opelo,T Moalosi
2546		Seal For Moisture And Dust	0.25 hrs	Mon 22/05/23 07:30	Mon 22/05/23 07:45	2545	K Opelo,T Moalosi
2547		Confirm Correct Protection Settings	0.25 hrs	Mon 22/05/23 07:45	Mon 22/05/23 08:00	2546	K Opelo,T Moalosi
2548		Clear Permit	0.25 hrs	Mon 22/05/23 08:00	Mon 22/05/23 08:15	2547	K Opelo,T Moalosi
2549	26B2GG04	BASHSP-0169 - #1 Salt Mill Supplementary Crusher Feeder - Replace isolators	9.75 hrs	Sun 21/05/23 16:15	Mon 22/05/23 15:30		
2550		Make Out Permit	0.25 hrs	Sun 21/05/23 16:15	Sun 21/05/23 16:30	2193,2536	Operations
2551		Accept Permit	0.25 hrs	Sun 21/05/23 16:30	Sun 21/05/23 16:45	2550	K Opelo,T Moalosi
2552		Carry out risk assessment	0.25 hrs	Sun 21/05/23 16:45	Sun 21/05/23 17:00	2551	K Opelo,T Moalosi
2553		Isolate NE 19	0.25 hrs	Sun 21/05/23 17:00	Sun 21/05/23 17:15	2552	K Opelo,T Moalosi
2554		Mount New Isolator	1.5 hrs	Sun 21/05/23 17:15	Mon 22/05/23 07:45	2553	K Opelo,T Moalosi
2555		Disconnect all isolator connections	0.25 hrs	Mon 22/05/23 07:45	Mon 22/05/23 08:00	2554	K Opelo,T Moalosi
2556		Unmount and remove the existing isolator	0.25 hrs	Mon 22/05/23 08:00	Mon 22/05/23 08:15	2555	K Opelo,T Moalosi
2557		Mark new mounting hole	0.25 hrs	Mon 22/05/23 08:15	Mon 22/05/23 08:30	2556	K Opelo,T Moalosi
2558		Drill new mounting hole	0.25 hrs	Mon 22/05/23 08:30	Mon 22/05/23 08:45	2557	K Opelo,T Moalosi
2559		Rivert new mounting nuts	0.25 hrs	Mon 22/05/23 08:45	Mon 22/05/23 09:00	2558	K Opelo,T Moalosi
2560		Position new isolator	0.25 hrs	Mon 22/05/23 09:00	Mon 22/05/23 09:15	2559	K Opelo,T Moalosi
2561		Energise NE19	1.25 hrs	Mon 22/05/23 09:15	Mon 22/05/23 10:30	2560	K Opelo,T Moalosi
2562		Remove Panel door	0.25 hrs	Mon 22/05/23 10:30	Mon 22/05/23 10:45	2561	K Opelo,T Moalosi
2563		Drill new handle holes	0.25 hrs	Mon 22/05/23 10:45	Mon 22/05/23 11:00	2562	K Opelo,T Moalosi
2564		Put back the door	0.25 hrs	Mon 22/05/23 11:00	Mon 22/05/23 11:15	2563	K Opelo,T Moalosi
2565		Position isolator handle and rod	0.25 hrs	Mon 22/05/23 11:15	Mon 22/05/23 11:30	2564	K Opelo,T Moalosi
2566		connet electrical cables	0.25 hrs	Mon 22/05/23 11:30	Mon 22/05/23 11:45	2565	K Opelo,T Moalosi
2567		Isolate board NE19	0.25 hrs	Mon 22/05/23 11:45	Mon 22/05/23 12:00	2566	K Opelo,T Moalosi
2568		Terminate isolator connection	0.25 hrs	Mon 22/05/23 12:30	Mon 22/05/23 12:45	2567	K Opelo,T Moalosi
2569		Energise board NE 19	0.25 hrs	Mon 22/05/23 12:45	Mon 22/05/23 13:00	2568	K Opelo,T Moalosi
2570		Check Loose Connections In The Panel	0.25 hrs	Mon 22/05/23 13:00	Mon 22/05/23 13:15	2569	K Opelo,T Moalosi
2571		Service Panel Components& Clear Dust	0.25 hrs	Mon 22/05/23 13:15	Mon 22/05/23 13:30	2570	K Opelo,T Moalosi
2572		Service Stop/Start	0.25 hrs	Mon 22/05/23 13:30	Mon 22/05/23 13:45	2571	K Opelo,T Moalosi
2573		Check Motor Fan Condition	0.25 hrs	Mon 22/05/23 13:45	Mon 22/05/23 14:00	2572	K Opelo,T Moalosi



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
2574		Check Cable Terminal Leads For Over Heating	0.25 hrs	Mon 22/05/23 14:00	Mon 22/05/23 14:15	2573	K Opelo,T Moalosi
2575		Tighten Motor Connections& Gland Integrity	0.25 hrs	Mon 22/05/23 14:15	Mon 22/05/23 14:30	2574	K Opelo,T Moalosi
2576		Seal For Moisture And Dust.	0.25 hrs	Mon 22/05/23 14:30	Mon 22/05/23 14:45	2575	K Opelo,T Moalosi
2577		Confirm Correct Protection Settings	0.25 hrs	Mon 22/05/23 14:45	Mon 22/05/23 15:00	2576	K Opelo,T Moalosi
2578		Carryout final inspection	0.25 hrs	Mon 22/05/23 15:00	Mon 22/05/23 15:15	2577	K Opelo,T Moalosi
2579		Clear Permit	0.25 hrs	Mon 22/05/23 15:15	Mon 22/05/23 15:30	2578	K Opelo,T Moalosi
2580	26B2GG01	BASHSP-0170 - Hammer Mill - Replace isolators	9.75 hrs	Sat 13/05/23 14:00	Sun 14/05/23 13:15		
2581		Make Out Permit	0.25 hrs	Sat 13/05/23 14:00	Sat 13/05/23 14:15	1812	Operations
2582		Accept Permit	0.25 hrs	Sat 13/05/23 14:15	Sat 13/05/23 14:30	2581	K Opelo,T Moalosi
2583		Carry out risk assessment	0.25 hrs	Sat 13/05/23 14:30	Sat 13/05/23 14:45	2582	K Opelo,T Moalosi
2584		Isolate NE 19	0.25 hrs	Sat 13/05/23 14:45	Sat 13/05/23 15:00	2583	K Opelo,T Moalosi
2585		Mount New Isolator	1.5 hrs	Sat 13/05/23 15:00	Sat 13/05/23 16:30	2584	K Opelo,T Moalosi
2586		Disconnect all isolator connections	0.25 hrs	Sat 13/05/23 16:30	Sat 13/05/23 16:45	2585	K Opelo,T Moalosi
2587		Unmount and remove the existing isolator	0.25 hrs	Sat 13/05/23 16:45	Sat 13/05/23 17:00	2586	K Opelo,T Moalosi
2588		Mark new mounting hole	0.25 hrs	Sat 13/05/23 17:00	Sat 13/05/23 17:15	2587	K Opelo,T Moalosi
2589		Drill new mounting hole	0.25 hrs	Sat 13/05/23 17:15	Sat 13/05/23 17:30	2588	K Opelo,T Moalosi
2590		Rivert new mounting nuts	0.25 hrs	Sat 13/05/23 17:30	Sat 13/05/23 17:45	2589	K Opelo,T Moalosi
2591		Position new isolator	0.25 hrs	Sat 13/05/23 17:45	Sat 13/05/23 18:00	2590	K Opelo,T Moalosi
2592		Energise NE19	1.25 hrs	Sun 14/05/23 07:00	Sun 14/05/23 08:15	2591	K Opelo,T Moalosi
2593		Remove Panel door	0.25 hrs	Sun 14/05/23 08:15	Sun 14/05/23 08:30	2592	K Opelo,T Moalosi
2594		Drill new handle holes	0.25 hrs	Sun 14/05/23 08:30	Sun 14/05/23 08:45	2593	K Opelo,T Moalosi
2595		Put back the door	0.25 hrs	Sun 14/05/23 08:45	Sun 14/05/23 09:00	2594	K Opelo,T Moalosi
2596		Position isolator handle and rod	0.25 hrs	Sun 14/05/23 09:00	Sun 14/05/23 09:15	2595	K Opelo,T Moalosi
2597		connet electrical cables	0.25 hrs	Sun 14/05/23 09:15	Sun 14/05/23 09:30	2596	K Opelo,T Moalosi
2598		Isolate board NE19	0.25 hrs	Sun 14/05/23 09:30	Sun 14/05/23 09:45	2597	K Opelo,T Moalosi
2599		Terminate isolator connection	0.25 hrs	Sun 14/05/23 09:45	Sun 14/05/23 10:00	2598	K Opelo,T Moalosi
2600		Energise board NE 19	0.25 hrs	Sun 14/05/23 10:00	Sun 14/05/23 10:15	2599	K Opelo,T Moalosi
2601		Check Loose Connections In The Panel	0.25 hrs	Sun 14/05/23 10:15	Sun 14/05/23 10:30	2600	K Opelo,T Moalosi
2602		Service Panel Components& Clear Dust	0.25 hrs	Sun 14/05/23 10:30	Sun 14/05/23 10:45	2601	K Opelo,T Moalosi
2603		Service Stop/Start	0.25 hrs	Sun 14/05/23 10:45	Sun 14/05/23 11:00	2602	K Opelo,T Moalosi
2604		Check Motor Fan Condition	0.25 hrs	Sun 14/05/23 11:00	Sun 14/05/23 11:15	2603	K Opelo,T Moalosi
2605		Check Cable Terminal Leads For Over Heating	0.25 hrs	Sun 14/05/23 11:15	Sun 14/05/23 11:30	2604	K Opelo,T Moalosi
2606		Tighten Motor Connections& Gland Integrity	0.25 hrs	Sun 14/05/23 11:30	Sun 14/05/23 11:45	2605	K Opelo,T Moalosi
2607		Seal For Moisture And Dust.	0.25 hrs	Sun 14/05/23 11:45	Sun 14/05/23 12:00	2606	K Opelo,T Moalosi
2608		Confirm Correct Protection Settings	0.25 hrs	Sun 14/05/23 12:30	Sun 14/05/23 12:45	2607	K Opelo,T Moalosi
2609		Carryout final inspection	0.25 hrs	Sun 14/05/23 12:45	Sun 14/05/23 13:00	2608	K Opelo,T Moalosi
2610		Clear Permit	0.25 hrs	Sun 14/05/23 13:00	Sun 14/05/23 13:15	2609	K Opelo,T Moalosi
2611		Close jobcard	0 hrs	Sun 14/05/23 13:15	Sun 14/05/23 13:15	2610	K Opelo,T Moalosi
2612	26B2GG02	BASHSP-0171 - Roller Mill - Replace isolators	9.75 hrs	Sun 14/05/23 10:45	Mon 15/05/23 10:00		
2613		Make Out Permit	0.25 hrs	Sun 14/05/23 10:45	Sun 14/05/23 11:00	1816	Operations
2614		Accept Permit	0.25 hrs	Sun 14/05/23 11:00	Sun 14/05/23 11:15	2613	K Opelo,T Moalosi
2615		Carry out risk assessment	0.25 hrs	Sun 14/05/23 11:15	Sun 14/05/23 11:30	2614	K Opelo,T Moalosi
2616		Isolate NE 19	0.25 hrs	Sun 14/05/23 11:30	Sun 14/05/23 11:45	2615	K Opelo,T Moalosi
2617		Mount New Isolator	1.5 hrs	Sun 14/05/23 11:45	Sun 14/05/23 13:45	2616	K Opelo,T Moalosi
2618		Disconnect all isolator connections	0.25 hrs	Sun 14/05/23 13:45	Sun 14/05/23 14:00	2617	K Opelo,T Moalosi
2619		Unmount and remove the existing isolator	0.25 hrs	Sun 14/05/23 14:00	Sun 14/05/23 14:15	2618	K Opelo,T Moalosi
2620		Mark new mounting hole	0.25 hrs	Sun 14/05/23 14:15	Sun 14/05/23 14:30	2619	K Opelo,T Moalosi
2621		Drill new mounting hole	0.25 hrs	Sun 14/05/23 14:30	Sun 14/05/23 14:45	2620	K Opelo,T Moalosi
2622		Rivert new mounting nuts	0.25 hrs	Sun 14/05/23 14:45	Sun 14/05/23 15:00	2621	K Opelo,T Moalosi
2623		Position new isolator	0.25 hrs	Sun 14/05/23 15:00	Sun 14/05/23 15:15	2622	K Opelo,T Moalosi
2624		Energise NE19	1.25 hrs	Sun 14/05/23 15:15	Sun 14/05/23 16:30	2623	K Opelo,T Moalosi
2625		Remove Panel door	0.25 hrs	Sun 14/05/23 16:30	Sun 14/05/23 16:45	2624	K Opelo,T Moalosi
2626		Drill new handle holes	0.25 hrs	Sun 14/05/23 16:45	Sun 14/05/23 17:00	2625	K Opelo,T Moalosi



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
2627		Put back the door	0.25 hrs	Sun 14/05/23 17:00	Sun 14/05/23 17:15	2626	K Opelo,T Moalosi
2628		Position isolator handle and rod	0.25 hrs	Sun 14/05/23 17:15	Sun 14/05/23 17:30	2627	K Opelo,T Moalosi
2629		connet electrical cables	0.25 hrs	Sun 14/05/23 17:30	Sun 14/05/23 17:45	2628	K Opelo,T Moalosi
2630		Isolate board NE19	0.25 hrs	Sun 14/05/23 17:45	Sun 14/05/23 18:00	2629	K Opelo,T Moalosi
2631		Terminate isolator connection	0.25 hrs	Mon 15/05/23 07:00	Mon 15/05/23 07:15	2630	K Opelo,T Moalosi
2632		Energise board NE 19	0.25 hrs	Mon 15/05/23 07:15	Mon 15/05/23 07:30	2631	K Opelo,T Moalosi
2633		Check Loose Connections In The Panel	0.25 hrs	Mon 15/05/23 07:30	Mon 15/05/23 07:45	2632	K Opelo,T Moalosi
2634		Service Panel Components& Clear Dust	0.25 hrs	Mon 15/05/23 07:45	Mon 15/05/23 08:00	2633	K Opelo,T Moalosi
2635		Service Stop/Start	0.25 hrs	Mon 15/05/23 08:00	Mon 15/05/23 08:15	2634	K Opelo,T Moalosi
2636		Check Motor Fan Condition	0.25 hrs	Mon 15/05/23 08:15	Mon 15/05/23 08:30	2635	K Opelo,T Moalosi
2637		Check Cable Terminal Leads For Over Heating	0.25 hrs	Mon 15/05/23 08:30	Mon 15/05/23 08:45	2636	K Opelo,T Moalosi
2638		Tighten Motor Connections& Gland Integrity	0.25 hrs	Mon 15/05/23 08:45	Mon 15/05/23 09:00	2637	K Opelo,T Moalosi
2639		Seal For Moisture And Dust.	0.25 hrs	Mon 15/05/23 09:00	Mon 15/05/23 09:15	2638	K Opelo,T Moalosi
2640		Confirm Correct Protection Settings	0.25 hrs	Mon 15/05/23 09:15	Mon 15/05/23 09:30	2639	K Opelo,T Moalosi
2641		Carryout final inspection	0.25 hrs	Mon 15/05/23 09:30	Mon 15/05/23 09:45	2640	K Opelo,T Moalosi
2642		Clear Permit	0.25 hrs	Mon 15/05/23 09:45	Mon 15/05/23 10:00	2641	K Opelo,T Moalosi
2643	26B2RH01	BASHSP-0172 - Vibrating Feeder - Service Electric Motor And Panel Components	3.25 hrs	Sat 20/05/23 13:30	Sat 20/05/23 16:45		
2644		Make Out Permit	0.25 hrs	Sat 20/05/23 13:30	Sat 20/05/23 13:45	2225,2243	Operations
2645		Accept Permit	0.25 hrs	Sat 20/05/23 13:45	Sat 20/05/23 14:00	2644	K Opelo,T Moalosi
2646		Carry out risk assessment	0.25 hrs	Sat 20/05/23 14:00	Sat 20/05/23 14:15	2645	K Opelo,T Moalosi
2647		Carry Out Electrical Isolation	0.25 hrs	Sat 20/05/23 14:15	Sat 20/05/23 14:30	2646	K Opelo,T Moalosi
2648		Check Loose Connections In The Panel	0.25 hrs	Sat 20/05/23 14:30	Sat 20/05/23 14:45	2647	K Opelo,T Moalosi
2649		Service Panel Components And Clear Dust	0.25 hrs	Sat 20/05/23 14:45	Sat 20/05/23 15:00	2648	K Opelo,T Moalosi
2650		Service Stop/Start	0.25 hrs	Sat 20/05/23 15:00	Sat 20/05/23 15:15	2649	K Opelo,T Moalosi
2651		Check Motor Cooling Fan Condition	0.25 hrs	Sat 20/05/23 15:15	Sat 20/05/23 15:30	2650	K Opelo,T Moalosi
2652		Check Cable Terminals Leads For Over Heating	0.25 hrs	Sat 20/05/23 15:30	Sat 20/05/23 15:45	2651	K Opelo,T Moalosi
2653		Tighten Motor Connections And Gland Integrity	0.25 hrs	Sat 20/05/23 15:45	Sat 20/05/23 16:00	2652	K Opelo,T Moalosi
2654		Seal For Moisture And Dust	0.25 hrs	Sat 20/05/23 16:00	Sat 20/05/23 16:15	2653	K Opelo,T Moalosi
2655		Confirm Correct Protection Settings	0.25 hrs	Sat 20/05/23 16:15	Sat 20/05/23 16:30	2654	K Opelo,T Moalosi
2656		Clear Permit	0.25 hrs	Sat 20/05/23 16:30	Sat 20/05/23 16:45	2655	K Opelo,T Moalosi
2657	26B2RH02	BASHSP-0173 - Vibrating Feeder - Service Electric Motor And Panel Components	3.25 hrs	Sat 20/05/23 13:45	Sat 20/05/23 17:00		
2658		Make Out Permit	0.25 hrs	Sat 20/05/23 13:45	Sat 20/05/23 14:00	2225,2644	Operations
2659		Accept Permit	0.25 hrs	Sat 20/05/23 14:00	Sat 20/05/23 14:15	2658	K Opelo,T Moalosi
2660		Carry out risk assessment	0.25 hrs	Sat 20/05/23 14:15	Sat 20/05/23 14:30	2659	K Opelo,T Moalosi
2661		Carry Out Electrical Isolation	0.25 hrs	Sat 20/05/23 14:30	Sat 20/05/23 14:45	2660	K Opelo,T Moalosi
2662		Check Loose Connections In The Panel	0.25 hrs	Sat 20/05/23 14:45	Sat 20/05/23 15:00	2661	K Opelo,T Moalosi
2663		Service Panel Components And Clear Dust	0.25 hrs	Sat 20/05/23 15:00	Sat 20/05/23 15:15	2662	K Opelo,T Moalosi
2664		Service Stop/Start	0.25 hrs	Sat 20/05/23 15:15	Sat 20/05/23 15:30	2663	K Opelo,T Moalosi
2665		Check Motor Cooling Fan Condition	0.25 hrs	Sat 20/05/23 15:30	Sat 20/05/23 15:45	2664	K Opelo,T Moalosi
2666		Check Cable Terminals Leads For Over Heating	0.25 hrs	Sat 20/05/23 15:45	Sat 20/05/23 16:00	2665	K Opelo,T Moalosi
2667		Tighten Motor Connections And Gland Integrity	0.25 hrs	Sat 20/05/23 16:00	Sat 20/05/23 16:15	2666	K Opelo,T Moalosi
2668		Seal For Moisture And Dust	0.25 hrs	Sat 20/05/23 16:15	Sat 20/05/23 16:30	2667	K Opelo,T Moalosi
2669		Confirm Correct Protection Settings	0.25 hrs	Sat 20/05/23 16:30	Sat 20/05/23 16:45	2668	K Opelo,T Moalosi
2670		Clear Permit	0.25 hrs	Sat 20/05/23 16:45	Sat 20/05/23 17:00	2669	K Opelo,T Moalosi
2671	26B2RM13	BASHSP-0174 - #1 Screw Conveyor North - Service Electric Motor And Panel Components	5.25 hrs	Fri 19/05/23 13:00	Sat 20/05/23 07:15		
2672		Make Out Permit	0.25 hrs	Fri 19/05/23 13:00	Fri 19/05/23 13:15	2180	Operations
2673		Accept Permit	0.25 hrs	Fri 19/05/23 13:15	Fri 19/05/23 13:30	2672	K Opelo,T Moalosi
2674		Carry out risk assessment	0.25 hrs	Fri 19/05/23 13:30	Fri 19/05/23 13:45	2673	K Opelo,T Moalosi
2675		Carry Out Electrical Isolation	0.25 hrs	Fri 19/05/23 13:45	Fri 19/05/23 14:00	2674	K Opelo,T Moalosi
2676		Check Loose Connections In The Panel	0.25 hrs	Fri 19/05/23 14:00	Fri 19/05/23 14:15	2675	K Opelo,T Moalosi
2677		Service Panel Components And Clear Dust	0.25 hrs	Fri 19/05/23 14:15	Fri 19/05/23 14:30	2676	K Opelo,T Moalosi
2678		Service Stop/Start, Belt Alignment And Pull Switches	0.25 hrs	Fri 19/05/23 14:30	Fri 19/05/23 14:45	2677	K Opelo,T Moalosi
2679		Service Safe Start Circuit And Insure Siren Is Working	1 hr	Fri 19/05/23 14:45	Fri 19/05/23 15:45	2678	K Opelo,T Moalosi



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
2680		Install isolator plate	0.5 hrs	Fri 19/05/23 15:45	Fri 19/05/23 16:15	2679	K Opelo,T Moalosi
2681		Install isolator	0.5 hrs	Fri 19/05/23 16:15	Fri 19/05/23 16:45	2680	K Opelo,T Moalosi
2682		Check Motor Cooling Fan Condition	0.25 hrs	Fri 19/05/23 16:45	Fri 19/05/23 17:00	2681	K Opelo,T Moalosi
2683		Check Cable Terminals Leads For Over Heating	0.25 hrs	Fri 19/05/23 17:00	Fri 19/05/23 17:15	2682	K Opelo,T Moalosi
2684		Tighten Motor Connections And Gland Integrity	0.25 hrs	Fri 19/05/23 17:15	Fri 19/05/23 17:30	2683	K Opelo,T Moalosi
2685		Seal For Moisture And Dust	0.25 hrs	Fri 19/05/23 17:30	Fri 19/05/23 17:45	2684	K Opelo,T Moalosi
2686		Confirm Correct Protection Settings	0.25 hrs	Fri 19/05/23 17:45	Fri 19/05/23 18:00	2685	K Opelo,T Moalosi
2687		Clear Permit	0.25 hrs	Sat 20/05/23 07:00	Sat 20/05/23 07:15	2686	K Opelo,T Moalosi
2688	26B2RM08	BASHSP-0175 - #2 Screw Conveyor - Service Electric Motor And Panel Components	13 hrs	Mon 15/05/23 15:00	Tue 16/05/23 17:30		
2689		Make Out Permit	0.25 hrs	Mon 15/05/23 15:00	Mon 15/05/23 15:15	2152	Operations
2690		Accept Permit	0.25 hrs	Mon 15/05/23 15:15	Mon 15/05/23 15:30	2689	K Opelo,T Moalosi
2691		Carry out risk assessment	0.25 hrs	Mon 15/05/23 15:30	Mon 15/05/23 15:45	2690	K Opelo,T Moalosi
2692		Carry Out Electrical Isolation	0.25 hrs	Mon 15/05/23 15:45	Mon 15/05/23 16:00	2691	K Opelo,T Moalosi
2693		Check Loose Connections In The Panel	0.25 hrs	Mon 15/05/23 16:00	Mon 15/05/23 16:15	2692	K Opelo,T Moalosi
2694		Service Panel Components And Clear Dust	0.25 hrs	Mon 15/05/23 16:15	Mon 15/05/23 16:30	2693	K Opelo,T Moalosi
2695		Service Stop/Start, Belt Alignment And Pull Switches	0.25 hrs	Mon 15/05/23 16:30	Mon 15/05/23 16:45	2694	K Opelo,T Moalosi
2696		Service Safe Start Circuit And Insure Siren Is Working	1 hr	Mon 15/05/23 16:45	Mon 15/05/23 17:45	2695	K Opelo,T Moalosi
2697		Install isolator plate	0.5 hrs	Mon 15/05/23 17:45	Tue 16/05/23 07:15	2696	K Opelo,T Moalosi
2698		Install isolator	0.5 hrs	Tue 16/05/23 07:15	Tue 16/05/23 07:45	2697	K Opelo,T Moalosi
2699		Check Motor Cooling Fan Condition	0.25 hrs	Tue 16/05/23 07:45	Tue 16/05/23 08:00	2698	K Opelo,T Moalosi
2700		Check Cable Terminals Leads For Over Heating	8 hrs	Tue 16/05/23 08:00	Tue 16/05/23 16:30	2699	K Opelo,T Moalosi
2701		Tighten Motor Connections And Gland Integrity	0.25 hrs	Tue 16/05/23 16:30	Tue 16/05/23 16:45	2700	K Opelo,T Moalosi
2702		Seal For Moisture And Dust	0.25 hrs	Tue 16/05/23 16:45	Tue 16/05/23 17:00	2701	K Opelo,T Moalosi
2703		Confirm Correct Protection Settings	0.25 hrs	Tue 16/05/23 17:00	Tue 16/05/23 17:15	2702	K Opelo,T Moalosi
2704		Clear Permit	0.25 hrs	Tue 16/05/23 17:15	Tue 16/05/23 17:30	2703	Operations
2705	26B2RM09	BASHSP-0176 - #1 Screw Conveyor U300- Service Electric Motor And Panel Components	10 hrs	Fri 12/05/23 07:30	Fri 12/05/23 18:00		
2706		Make Out Permit	0.25 hrs	Fri 12/05/23 07:30	Fri 12/05/23 07:45	2128	Operations
2707		Accept Permit	0.25 hrs	Fri 12/05/23 07:45	Fri 12/05/23 08:00	2706	K Opelo,T Moalosi
2708		Carry out risk assessment	0.25 hrs	Fri 12/05/23 08:00	Fri 12/05/23 08:15	2707	K Opelo,T Moalosi
2709		Carry Out Electrical Isolation	0.25 hrs	Fri 12/05/23 08:15	Fri 12/05/23 08:30	2708	K Opelo,T Moalosi
2710		Check Loose Connections Inside The Panel	0.25 hrs	Fri 12/05/23 08:30	Fri 12/05/23 08:45	2709	K Opelo,T Moalosi
2711		Service Panel Components And Clear Dust	0.25 hrs	Fri 12/05/23 08:45	Fri 12/05/23 09:00	2710	K Opelo,T Moalosi
2712		Service Terminal Box, Replace Worn Clip On Terminals	1 hr	Fri 12/05/23 09:00	Fri 12/05/23 10:00	2711	K Opelo,T Moalosi
2713		Replace Worn Butt Terminals/Lugs	1.5 hrs	Fri 12/05/23 10:00	Fri 12/05/23 11:30	2712	K Opelo,T Moalosi
2714		Check Protection Breakers For Open Circuit	1.5 hrs	Fri 12/05/23 11:30	Fri 12/05/23 13:30	2713	K Opelo,T Moalosi
2715		Install isolator plate	0.5 hrs	Fri 12/05/23 13:30	Fri 12/05/23 14:00	2714	K Opelo,T Moalosi
2716		Install isolator	0.5 hrs	Fri 12/05/23 14:00	Fri 12/05/23 14:30	2715	K Opelo,T Moalosi
2717		Service Field Isolator	0.5 hrs	Fri 12/05/23 14:30	Fri 12/05/23 15:00	2716	K Opelo,T Moalosi
2718		Label Controllers, Current Monitors And Rear Terminals	0.25 hrs	Fri 12/05/23 15:00	Fri 12/05/23 15:15	2717	K Opelo,T Moalosi
2719		Confirm Correct Current Monitor Settings	2 hrs	Fri 12/05/23 15:15	Fri 12/05/23 17:15	2718	K Opelo,T Moalosi
2720		Confirm Correct Protection Settings	0.5 hrs	Fri 12/05/23 17:15	Fri 12/05/23 17:45	2719	K Opelo,T Moalosi
2721		Clear Permit	0.25 hrs	Fri 12/05/23 17:45	Fri 12/05/23 18:00	2720	Operations
2722	26B2RM10	BASHSP-0177 - #2 Screw Conveyor Us300 - Service Electric Motor And Panel Components	21.25 hrs	Sun 14/05/23 14:00	Tue 16/05/23 14:15		
2723		Make Out Permit	0.25 hrs	Sun 14/05/23 14:00	Sun 14/05/23 14:15	2142	Operations
2724		Accept Permit	0.25 hrs	Sun 14/05/23 14:15	Sun 14/05/23 14:30	2723	K Opelo,T Moalosi
2725		Carry out risk assessment	0.25 hrs	Sun 14/05/23 14:30	Sun 14/05/23 14:45	2724	K Opelo,T Moalosi
2726		Carry Out Electrical Isolation	0.25 hrs	Sun 14/05/23 14:45	Sun 14/05/23 15:00	2725	K Opelo,T Moalosi
2727		Check Loose Connections In The Panel	0.25 hrs	Sun 14/05/23 15:00	Sun 14/05/23 15:15	2726	K Opelo,T Moalosi
2728		Service Panel Components And Clear Dust	0.25 hrs	Sun 14/05/23 15:15	Sun 14/05/23 15:30	2727	K Opelo,T Moalosi
2729		Service Terminal Box, Replace Worn Clip On Terminals	1 hr	Sun 14/05/23 15:30	Sun 14/05/23 16:30	2728	K Opelo,T Moalosi
2730		Replace Worn Butt Terminals/Lugs	1.5 hrs	Sun 14/05/23 16:30	Sun 14/05/23 18:00	2729	K Opelo,T Moalosi
2731		Check Protection Breakers For Open Circuit	1.5 hrs	Mon 15/05/23 07:00	Mon 15/05/23 08:30	2730	K Opelo,T Moalosi
2732		Install isolator plate	0.5 hrs	Mon 15/05/23 08:30	Mon 15/05/23 09:00	2731	K Opelo,T Moalosi



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
2733		Install isolator	0.5 hrs	Mon 15/05/23 09:00	Mon 15/05/23 09:30	2732	K Opelo,T Moalosi
2734		Service Field Isolator	0.5 hrs	Mon 15/05/23 09:30	Mon 15/05/23 10:00	2733	K Opelo,T Moalosi
2735		Label Controllers, Current Monitors And Rear Terminals	0.25 hrs	Mon 15/05/23 10:00	Mon 15/05/23 10:15	2734	K Opelo,T Moalosi
2736		Confirm Correct Current Monitor Settings	13.5 hrs	Mon 15/05/23 10:15	Tue 16/05/23 13:45	2735	K Opelo,T Moalosi
2737		Confirm Correct Protection Settings	0.25 hrs	Tue 16/05/23 13:45	Tue 16/05/23 14:00	2736	K Opelo,T Moalosi
2738		Clear Permit	0.25 hrs	Tue 16/05/23 14:00	Tue 16/05/23 14:15	2737	K Opelo,T Moalosi
2739	26B2RM11	BASHSP-0178 - #3 Screw Conveyor - Service Electric Motor And Panel Components	6.5 hrs	Thu 18/05/23 13:00	Fri 19/05/23 08:30		
2740		Make Out Permit	0.25 hrs	Thu 18/05/23 13:00	Thu 18/05/23 13:15	2170	Operations
2741		Accept Permit	0.25 hrs	Thu 18/05/23 13:15	Thu 18/05/23 13:30	2740	K Opelo,T Moalosi
2742		Carry out risk assessment	0.25 hrs	Thu 18/05/23 13:30	Thu 18/05/23 13:45	2741	K Opelo,T Moalosi
2743		Carry Out Electrical Isolation	0.25 hrs	Thu 18/05/23 13:45	Thu 18/05/23 14:00	2742	K Opelo,T Moalosi
2744		Check Loose Connections In The Panel	0.25 hrs	Thu 18/05/23 14:00	Thu 18/05/23 14:15	2743	K Opelo,T Moalosi
2745		Service Panel Components And Clear Dust	0.5 hrs	Thu 18/05/23 14:15	Thu 18/05/23 14:45	2744	K Opelo,T Moalosi
2746		Service Stop/Start And Park Switches	0.5 hrs	Thu 18/05/23 14:45	Thu 18/05/23 15:15	2745	K Opelo,T Moalosi
2747		Service Discharge Device Motor	1 hr	Thu 18/05/23 15:15	Thu 18/05/23 16:15	2746	K Opelo,T Moalosi
2748		Install isolator plate	0.5 hrs	Thu 18/05/23 16:15	Thu 18/05/23 16:45	2747	K Opelo,T Moalosi
2749		Install isolator	0.5 hrs	Thu 18/05/23 16:45	Thu 18/05/23 17:15	2748	K Opelo,T Moalosi
2750		Service Traverse Drive Motor	1 hr	Thu 18/05/23 17:15	Fri 19/05/23 07:15	2749	K Opelo,T Moalosi
2751		Service/Replace Tunnel Extraction Fan Controller	0.5 hrs	Fri 19/05/23 07:15	Fri 19/05/23 07:45	2750	K Opelo,T Moalosi
2752		Confirm Correct Protection Settings	0.5 hrs	Fri 19/05/23 07:45	Fri 19/05/23 08:15	2751	K Opelo,T Moalosi
2753		Clear Permit	0.25 hrs	Fri 19/05/23 08:15	Fri 19/05/23 08:30	2752	K Opelo,T Moalosi
2754	26B2RM12	BASHSP-0179 - #3 Screw Conveyor Us300 - Service Electric Motor And Panel Components	5.25 hrs	Thu 18/05/23 13:00	Fri 19/05/23 07:15		
2755		Make Out Permit	0.25 hrs	Thu 18/05/23 13:00	Thu 18/05/23 13:15	2170	Operations
2756		Accept Permit	0.25 hrs	Thu 18/05/23 13:15	Thu 18/05/23 13:30	2755	K Opelo,T Moalosi
2757		Carry out risk assessment	0.25 hrs	Thu 18/05/23 13:30	Thu 18/05/23 13:45	2756	K Opelo,T Moalosi
2758		Carry Out Electrical Isolation	0.25 hrs	Thu 18/05/23 13:45	Thu 18/05/23 14:00	2757	K Opelo,T Moalosi
2759		Check Loose Connections In The Panel	0.25 hrs	Thu 18/05/23 14:00	Thu 18/05/23 14:15	2758	K Opelo,T Moalosi
2760		Service Panel Components And Clear Dust	0.25 hrs	Thu 18/05/23 14:15	Thu 18/05/23 14:30	2759	K Opelo,T Moalosi
2761		Service Stop/Start	0.5 hrs	Thu 18/05/23 14:30	Thu 18/05/23 15:00	2760	K Opelo,T Moalosi
2762		Service Safe Start Circuit And Insure Siren Is Working	0.5 hrs	Thu 18/05/23 15:00	Thu 18/05/23 15:30	2761	K Opelo,T Moalosi
2763		Service Under speed Circuit	0.25 hrs	Thu 18/05/23 15:30	Thu 18/05/23 15:45	2762	K Opelo,T Moalosi
2764		Check Cable Terminals Leads For Over Heating	0.5 hrs	Thu 18/05/23 15:45	Thu 18/05/23 16:15	2763	K Opelo,T Moalosi
2765		Install isolator plate	0.5 hrs	Thu 18/05/23 16:15	Thu 18/05/23 16:45	2764	K Opelo,T Moalosi
2766		Install isolator	0.5 hrs	Thu 18/05/23 16:45	Thu 18/05/23 17:15	2765	K Opelo,T Moalosi
2767		Tighten Motor Connections And Gland Integrity	0.25 hrs	Thu 18/05/23 17:15	Thu 18/05/23 17:30	2766	K Opelo,T Moalosi
2768		Seal For Moisture And Dust	0.25 hrs	Thu 18/05/23 17:30	Thu 18/05/23 17:45	2767	K Opelo,T Moalosi
2769		Confirm Correct Protection Settings	0.25 hrs	Thu 18/05/23 17:45	Thu 18/05/23 18:00	2768	K Opelo,T Moalosi
2770		Clear Permit	0.25 hrs	Fri 19/05/23 07:00	Fri 19/05/23 07:15	2769	K Opelo,T Moalosi
2771	26B2GF03	BASHSP-0180 - Crusher 1 - Service Electric Motor And Panel Components	5.25 hrs	Mon 22/05/23 10:30	Mon 22/05/23 16:15		
2772		Make Out Permit	0.25 hrs	Mon 22/05/23 10:30	Mon 22/05/23 10:45	2194,2208,2	Operations
2773		Accept Permit	0.25 hrs	Mon 22/05/23 10:45	Mon 22/05/23 11:00	2772	K Opelo,T Moalosi
2774		Carry out risk assessment	0.25 hrs	Mon 22/05/23 11:00	Mon 22/05/23 11:15	2773	K Opelo,T Moalosi
2775		Carry Out Electrical Isolation	0.25 hrs	Mon 22/05/23 11:15	Mon 22/05/23 11:30	2774	K Opelo,T Moalosi
2776		Check Loose Connections In The Panel	0.25 hrs	Mon 22/05/23 11:30	Mon 22/05/23 11:45	2775	K Opelo,T Moalosi
2777		Service Panel Components And Clear Dust	0.25 hrs	Mon 22/05/23 11:45	Mon 22/05/23 12:00	2776	K Opelo,T Moalosi
2778		Service Stop/Start	0.5 hrs	Mon 22/05/23 12:30	Mon 22/05/23 13:00	2777	K Opelo,T Moalosi
2779		Service Safe Start Circuit And Insure Siren Is Working	0.5 hrs	Mon 22/05/23 13:00	Mon 22/05/23 13:30	2778	K Opelo,T Moalosi
2780		Service Under speed Circuit	0.25 hrs	Mon 22/05/23 13:30	Mon 22/05/23 13:45	2779	K Opelo,T Moalosi
2781		Install isolator plate	0.5 hrs	Mon 22/05/23 13:45	Mon 22/05/23 14:15	2780	K Opelo,T Moalosi
2782		Install isolator	0.5 hrs	Mon 22/05/23 14:15	Mon 22/05/23 14:45	2781	K Opelo,T Moalosi
2783		Check Cable Terminals Leads For Over Heating	0.5 hrs	Mon 22/05/23 14:45	Mon 22/05/23 15:15	2782	K Opelo,T Moalosi
2784		Tighten Motor Connections And Gland Integrity	0.25 hrs	Mon 22/05/23 15:15	Mon 22/05/23 15:30	2783	K Opelo,T Moalosi
2785		Seal For Moisture And Dust	0.25 hrs	Mon 22/05/23 15:30	Mon 22/05/23 15:45	2784	K Opelo,T Moalosi



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
2786		Confirm Correct Protection Settings	0.25 hrs	Mon 22/05/23 15:45	Mon 22/05/23 16:00	2785	K Opelo,T Moalosi
2787		Clear Permit	0.25 hrs	Mon 22/05/23 16:00	Mon 22/05/23 16:15	2786	K Opelo,T Moalosi
2788	26B2RP03	BASHSP-0181 - Fine Salt Elevator - Service Electric Motor And Panel Components	4.75 hrs	Mon 22/05/23 16:15	Tue 23/05/23 10:00		
2789		Make Out Permit	0.25 hrs	Mon 22/05/23 16:15	Mon 22/05/23 16:30	2787	Operations
2790		Accept Permit	0.25 hrs	Mon 22/05/23 16:30	Mon 22/05/23 16:45	2789	K Opelo,T Moalosi
2791		Carry out risk assessment	0.25 hrs	Mon 22/05/23 16:45	Mon 22/05/23 17:00	2790	K Opelo,T Moalosi
2792		Carry Out Electrical Isolation	0.25 hrs	Mon 22/05/23 17:00	Mon 22/05/23 17:15	2791	K Opelo,T Moalosi
2793		Check Loose Connections In The Panel	0.25 hrs	Mon 22/05/23 17:15	Mon 22/05/23 17:30	2792	K Opelo,T Moalosi
2794		Service Panel Components And Clear Dust	0.25 hrs	Mon 22/05/23 17:30	Mon 22/05/23 17:45	2793	K Opelo,T Moalosi
2795		Service Stop/Start	0.5 hrs	Mon 22/05/23 17:45	Tue 23/05/23 07:15	2794	K Opelo,T Moalosi
2796		Service Safe Start Circuit And Insure Siren Is Working	0.5 hrs	Tue 23/05/23 07:15	Tue 23/05/23 07:45	2795	K Opelo,T Moalosi
2797		Check underspeed sensor functionality	0.5 hrs	Tue 23/05/23 07:45	Tue 23/05/23 08:15	2796	K Opelo,T Moalosi
2798		Service Under speed Circuit	0.25 hrs	Tue 23/05/23 08:15	Tue 23/05/23 08:30	2797	K Opelo,T Moalosi
2799		Check Cable Terminals Leads For Over Heating	0.5 hrs	Tue 23/05/23 08:30	Tue 23/05/23 09:00	2798	K Opelo,T Moalosi
2800		Tighten Motor Connections And Gland Integrity	0.25 hrs	Tue 23/05/23 09:00	Tue 23/05/23 09:15	2799	K Opelo,T Moalosi
2801		Seal For Moisture And Dust	0.25 hrs	Tue 23/05/23 09:15	Tue 23/05/23 09:30	2800	K Opelo,T Moalosi
2802		Confirm Correct Protection Settings	0.25 hrs	Tue 23/05/23 09:30	Tue 23/05/23 09:45	2801	K Opelo,T Moalosi
2803		Clear Permit	0.25 hrs	Tue 23/05/23 09:45	Tue 23/05/23 10:00	2802	K Opelo,T Moalosi
2804	26B2GG04	BASHSP-0182 - Supplementary Crusher Panel - Carry Out Maintenance On Electrical Components	3 hrs	Tue 23/05/23 10:00	Tue 23/05/23 13:30		
2805		Make Out Permit	0.25 hrs	Tue 23/05/23 10:00	Tue 23/05/23 10:15	2803	Operations
2806		Accept Permit	0.25 hrs	Tue 23/05/23 10:15	Tue 23/05/23 10:30	2805	K Opelo,T Moalosi
2807		Carry out risk assessment	0.25 hrs	Tue 23/05/23 10:30	Tue 23/05/23 10:45	2806	K Opelo,T Moalosi
2808		Carry Out Electrical Isolation	0.25 hrs	Tue 23/05/23 10:45	Tue 23/05/23 11:00	2807	K Opelo,T Moalosi
2809		Check Loose Connections In The Panel	0.25 hrs	Tue 23/05/23 11:00	Tue 23/05/23 11:15	2808	K Opelo,T Moalosi
2810		Service Panel Components And Clear Dust	0.25 hrs	Tue 23/05/23 11:15	Tue 23/05/23 11:30	2809	K Opelo,T Moalosi
2811		Service Stop/Start	0.5 hrs	Tue 23/05/23 11:30	Tue 23/05/23 12:00	2810	K Opelo,T Moalosi
2812		Inspect And Secure Panel Supply Cable	0.5 hrs	Tue 23/05/23 12:30	Tue 23/05/23 13:00	2811	K Opelo,T Moalosi
2813		Seal For Moisture And Dust	0.25 hrs	Tue 23/05/23 13:00	Tue 23/05/23 13:15	2812	K Opelo,T Moalosi
2814		Clear Permit	0.25 hrs	Tue 23/05/23 13:15	Tue 23/05/23 13:30	2813	K Opelo,T Moalosi
2815		INSTRUMENTATION	73.5 hrs	Sat 06/05/23 14:45	Sat 13/05/23 14:45		
2816	26WI002	BASHSP - 0183 - Drier Feed Conveyor Weightometer - Service	7.25 hrs	Sat 13/05/23 07:00	Sat 13/05/23 14:45		
2817		Make Out Permit	0.25 hrs	Sat 13/05/23 07:00	Sat 13/05/23 07:15	2351	Operations
2818		Accept Permit	0.25 hrs	Sat 13/05/23 07:15	Sat 13/05/23 07:30	2817	T Maruping,T Mbangiwa
2819		Carry out risk assessment	0.25 hrs	Sat 13/05/23 07:30	Sat 13/05/23 07:45	2818	T Maruping,T Mbangiwa
2820		Check Alignment Of Weigh frame	3 hrs	Sat 13/05/23 07:45	Sat 13/05/23 10:45	2819	T Maruping,T Mbangiwa
2821		Inspect Tachometer Assembly	1 hr	Sat 13/05/23 10:45	Sat 13/05/23 11:45	2820	T Maruping,T Mbangiwa
2822		Inspect Idlers	1 hr	Sat 13/05/23 11:45	Sat 13/05/23 13:15	2821	T Maruping,T Mbangiwa
2823		Inspect For Loose Cable Connections	1 hr	Sat 13/05/23 13:15	Sat 13/05/23 14:15	2822	T Maruping,T Mbangiwa
2824		Clear Permit	0.5 hrs	Sat 13/05/23 14:15	Sat 13/05/23 14:45	2823	T Maruping,T Mbangiwa
2825	26PC018	BASHSP-0184 - Salt Cooler Control Valve - Overhaul Valve	8.75 hrs	Sat 06/05/23 14:45	Sun 07/05/23 13:00		
2826		Make Out Permit	0.25 hrs	Sat 06/05/23 14:45	Sat 06/05/23 15:00	1568	Operations
2827		Accept Permit	0.25 hrs	Sat 06/05/23 15:00	Sat 06/05/23 15:15	2826	T Maruping,T Mbangiwa
2828		Carry out risk assessment	0.25 hrs	Sat 06/05/23 15:15	Sat 06/05/23 15:30	2827	T Maruping,T Mbangiwa
2829		Disconnect Instruments	0.5 hrs	Sat 06/05/23 15:30	Sat 06/05/23 16:00	2828	T Maruping,T Mbangiwa
2830		Remove Valve	2 hrs	Sat 06/05/23 16:00	Sat 06/05/23 18:00	2829	A Omphile,L Kelapile,O Manere,T Maruping,T Mbangiwa,O Gabana,Z Cha
2831		Overhaul Valve	3 hrs	Sun 07/05/23 07:00	Sun 07/05/23 10:00	2830	T Maruping,T Mbangiwa
2832		Install Valve	2 hrs	Sun 07/05/23 10:00	Sun 07/05/23 12:00	2831	A Omphile,L Kelapile,O Manere,T Maruping,T Mbangiwa,O Gabana,Z Cha
2833		Stroke Check Valve	0.25 hrs	Sun 07/05/23 12:30	Sun 07/05/23 12:45	2832	T Maruping,T Mbangiwa
2834		Clear Permit	0.25 hrs	Sun 07/05/23 12:45	Sun 07/05/23 13:00	2833	T Maruping,T Mbangiwa
2835	26PC019	BASHSP-0185 - Fluid Bed Cooler Pressure Valve - Overhaul Valve	8 hrs	Sun 07/05/23 13:00	Mon 08/05/23 10:00		
2836		Make Out Permit	0.25 hrs	Sun 07/05/23 13:00	Sun 07/05/23 13:15	2834	Operations
2837		Accept Permit	0.25 hrs	Sun 07/05/23 13:15	Sun 07/05/23 13:30	2836	T Maruping,T Mbangiwa



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
2838		Carry out risk assessment	0.25 hrs	Sun 07/05/23 13:30	Sun 07/05/23 13:45	2837	T Maruping,T Mbangiwa
2839		Disconnect Instruments	0.5 hrs	Sun 07/05/23 13:45	Sun 07/05/23 14:15	2838	T Maruping,T Mbangiwa
2840		Remove Valve	2 hrs	Sun 07/05/23 14:15	Sun 07/05/23 16:15	2839	A Omphile,L Kelapile,O Manere,T Maruping,T Mbangiwa,O Gabana,Z Cha
2841		Overhaul Valve	2 hrs	Sun 07/05/23 16:15	Mon 08/05/23 07:15	2840	T Maruping,T Mbangiwa
2842		Install Valve	2 hrs	Mon 08/05/23 07:15	Mon 08/05/23 09:15	2841	A Omphile,L Kelapile,O Manere,T Maruping,T Mbangiwa,O Gabana,Z Cha
2843		Stroke Check Valve	0.5 hrs	Mon 08/05/23 09:15	Mon 08/05/23 09:45	2842	T Maruping,T Mbangiwa
2844		Clear Permit	0.25 hrs	Mon 08/05/23 09:45	Mon 08/05/23 10:00	2843	T Maruping,T Mbangiwa
2845	26TC012	BASHSP-0186 - Salt Drier Temperature Valve - Overhaul Valve	8.75 hrs	Mon 08/05/23 10:00	Tue 09/05/23 08:15		
2846		Make Out Permit	0.25 hrs	Mon 08/05/23 10:00	Mon 08/05/23 10:15	2844	Operations
2847		Accept Permit	0.25 hrs	Mon 08/05/23 10:15	Mon 08/05/23 10:30	2846	T Maruping,T Mbangiwa
2848		Carry out risk assessment	0.25 hrs	Mon 08/05/23 10:30	Mon 08/05/23 10:45	2847	T Maruping,T Mbangiwa
2849		Disconnect Instruments	0.5 hrs	Mon 08/05/23 10:45	Mon 08/05/23 11:15	2848	T Maruping,T Mbangiwa
2850		Remove Valve	2 hrs	Mon 08/05/23 11:15	Mon 08/05/23 13:45	2849	A Omphile,L Kelapile,O Manere,T Maruping,T Mbangiwa,O Gabana,Z Cha
2851		Replace Valve	3 hrs	Mon 08/05/23 13:45	Mon 08/05/23 16:45	2850	T Maruping,T Mbangiwa
2852		Install Valve	2 hrs	Mon 08/05/23 16:45	Tue 09/05/23 07:45	2851	A Omphile,L Kelapile,O Manere,T Maruping,T Mbangiwa,O Gabana,Z Cha
2853		Stroke Check Valve	0.25 hrs	Tue 09/05/23 07:45	Tue 09/05/23 08:00	2852	T Maruping,T Mbangiwa
2854		Clear Permit	0.25 hrs	Tue 09/05/23 08:00	Tue 09/05/23 08:15	2853	T Maruping,T Mbangiwa
2855		BASHSP-0197 - Pressure Gauges - Calibrate And Mark Pressure Gauges	11 hrs	Tue 09/05/23 08:15	Wed 10/05/23 08:45		
2856		Make Out Permit	0.25 hrs	Tue 09/05/23 08:15	Tue 09/05/23 08:30	2854	Operations
2857		Accept Permit	0.25 hrs	Tue 09/05/23 08:30	Tue 09/05/23 08:45	2856	T Maruping,T Mbangiwa
2858		Carry out risk assessment	0.25 hrs	Tue 09/05/23 08:45	Tue 09/05/23 09:00	2857	T Maruping,T Mbangiwa
2859		Remove Gauges	3 hrs	Tue 09/05/23 09:00	Tue 09/05/23 12:00	2858	T Maruping,T Mbangiwa
2860		Calibrate Gauges	3 hrs	Tue 09/05/23 12:30	Tue 09/05/23 15:30	2859	A Omphile,L Kelapile,O Manere,T Maruping,T Mbangiwa,O Gabana,Z Cha
2861		Mark Gauges	1 hr	Tue 09/05/23 15:30	Tue 09/05/23 16:30	2860	T Maruping,T Mbangiwa
2862		Replace Gauges	3 hrs	Tue 09/05/23 16:30	Wed 10/05/23 08:30	2861	A Omphile,L Kelapile,O Manere,T Maruping,T Mbangiwa,O Gabana,Z Cha
2863		Clear Permit	0.25 hrs	Wed 10/05/23 08:30	Wed 10/05/23 08:45	2862	T Maruping,T Mbangiwa
2864	41B2	COARSE SALT STORAGE & BULK LOADING	149 hrs	Wed 03/05/23 07:00	Wed 17/05/23 07:30		
2865		OPERATIONS	32 hrs	Wed 03/05/23 07:00	Fri 05/05/23 17:30		
2866		BASHSP-0188 - Plant stoppage	8 hrs	Wed 03/05/23 07:00	Wed 03/05/23 15:30		
2867		Stop feed	0 hrs	Wed 03/05/23 07:00	Wed 03/05/23 07:00	7SS	Operations
2868		Run plant empty	8 hrs	Wed 03/05/23 07:00	Wed 03/05/23 15:30	2867	Operations
2869		BASHSP-0189 - Cleaning	24 hrs	Wed 03/05/23 15:30	Fri 05/05/23 17:30		
2870		General Cleaning	24 hrs	Wed 03/05/23 15:30	Fri 05/05/23 17:30	2868	
2871		ELECTRICAL	59 hrs	Thu 11/05/23 11:30	Wed 17/05/23 07:30		
2872	41A2RX01	BASHSP-0190 - Twin Boom Stacker With Tripper Car - Carry Out Maintenance On Electrical Components	9.75 hrs	Thu 11/05/23 11:30	Fri 12/05/23 10:45		
2873		Make Out Permit	0.25 hrs	Thu 11/05/23 11:30	Thu 11/05/23 11:45	2094,3206	Operations
2874		Accept Permit	0.25 hrs	Thu 11/05/23 11:45	Thu 11/05/23 12:00	2873	K Opelo,T Moalosi
2875		Carry out risk assessment	0.25 hrs	Thu 11/05/23 12:30	Thu 11/05/23 12:45	2874	K Opelo,T Moalosi
2876		Isolate NE 20	0.25 hrs	Thu 11/05/23 12:45	Thu 11/05/23 13:00	2875	K Opelo,T Moalosi
2877		Mount New Isolator	1.5 hrs	Thu 11/05/23 13:00	Thu 11/05/23 14:30	2876	K Opelo,T Moalosi
2878		Disconnect all isolator connections	0.25 hrs	Thu 11/05/23 14:30	Thu 11/05/23 14:45	2877	K Opelo,T Moalosi
2879		Unmount and remove the existing isolator	0.25 hrs	Thu 11/05/23 14:45	Thu 11/05/23 15:00	2878	K Opelo,T Moalosi
2880		Mark new mounting hole	0.25 hrs	Thu 11/05/23 15:00	Thu 11/05/23 15:15	2879	K Opelo,T Moalosi
2881		Drill new mounting hole	0.25 hrs	Thu 11/05/23 15:15	Thu 11/05/23 15:30	2880	K Opelo,T Moalosi
2882		Rivert new mounting nuts	0.25 hrs	Thu 11/05/23 15:30	Thu 11/05/23 15:45	2881	K Opelo,T Moalosi
2883		Position new isolator	0.25 hrs	Thu 11/05/23 15:45	Thu 11/05/23 16:00	2882	K Opelo,T Moalosi
2884		Energise NE20	1.25 hrs	Thu 11/05/23 16:00	Thu 11/05/23 17:15	2883	K Opelo,T Moalosi
2885		Remove Panel door	0.25 hrs	Thu 11/05/23 17:15	Thu 11/05/23 17:30	2884	K Opelo,T Moalosi
2886		Drill new handle holes	0.25 hrs	Thu 11/05/23 17:30	Thu 11/05/23 17:45	2885	K Opelo,T Moalosi
2887		Put back the door	0.25 hrs	Thu 11/05/23 17:45	Thu 11/05/23 18:00	2886	K Opelo,T Moalosi
2888		Position isolator handle and rod	0.25 hrs	Fri 12/05/23 07:00	Fri 12/05/23 07:15	2887	K Opelo,T Moalosi
2889		connet electrical cables	0.25 hrs	Fri 12/05/23 07:15	Fri 12/05/23 07:30	2888	K Opelo,T Moalosi



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
2890		Isolate board NE20	0.25 hrs	Fri 12/05/23 07:30	Fri 12/05/23 07:45	2889	K Opelo,T Moalosi
2891		Terminate isolator connection	0.25 hrs	Fri 12/05/23 07:45	Fri 12/05/23 08:00	2890	K Opelo,T Moalosi
2892		Energise board NE 20	0.25 hrs	Fri 12/05/23 08:00	Fri 12/05/23 08:15	2891	K Opelo,T Moalosi
2893		Check Loose Connections In The Panel	0.25 hrs	Fri 12/05/23 08:15	Fri 12/05/23 08:30	2892	K Opelo,T Moalosi
2894		Service Panel Components& Clear Dust	0.25 hrs	Fri 12/05/23 08:30	Fri 12/05/23 08:45	2893	K Opelo,T Moalosi
2895		Service Stop/Start	0.25 hrs	Fri 12/05/23 08:45	Fri 12/05/23 09:00	2894	K Opelo,T Moalosi
2896		Check Motor Fan Condition	0.25 hrs	Fri 12/05/23 09:00	Fri 12/05/23 09:15	2895	K Opelo,T Moalosi
2897		Check Cable Terminal Leads For Over Heating	0.25 hrs	Fri 12/05/23 09:15	Fri 12/05/23 09:30	2896	K Opelo,T Moalosi
2898		Tighten Motor Connections& Gland Integrity	0.25 hrs	Fri 12/05/23 09:30	Fri 12/05/23 09:45	2897	K Opelo,T Moalosi
2899		Seal For Moisture And Dust.	0.25 hrs	Fri 12/05/23 09:45	Fri 12/05/23 10:00	2898	K Opelo,T Moalosi
2900		Confirm Correct Protection Settings	0.25 hrs	Fri 12/05/23 10:00	Fri 12/05/23 10:15	2899	K Opelo,T Moalosi
2901		Carryout final inspection	0.25 hrs	Fri 12/05/23 10:15	Fri 12/05/23 10:30	2900	K Opelo,T Moalosi
2902		Clear Permit	0.25 hrs	Fri 12/05/23 10:30	Fri 12/05/23 10:45	2901	K Opelo,T Moalosi
2903	41B2GB01	BASHSP-0191 - Bagging Air Blower - Carry Out Maintenance On Electrical Components	5.5 hrs	Fri 12/05/23 10:45	Fri 12/05/23 16:45		
2904		Make Out Permit	0.25 hrs	Fri 12/05/23 10:45	Fri 12/05/23 11:00	2902	Operations
2905		Accept Permit	0.25 hrs	Fri 12/05/23 11:00	Fri 12/05/23 11:15	2904	K Opelo,T Moalosi
2906		Carry out risk assessment	0.25 hrs	Fri 12/05/23 11:15	Fri 12/05/23 11:30	2905	K Opelo,T Moalosi
2907		Carry Out Electrical Isolation	0.25 hrs	Fri 12/05/23 11:30	Fri 12/05/23 11:45	2906	K Opelo,T Moalosi
2908		Check Loose Connections In The Panel	0.5 hrs	Fri 12/05/23 11:45	Fri 12/05/23 12:45	2907	K Opelo,T Moalosi
2909		Service Panel Components & Clear Dust	0.5 hrs	Fri 12/05/23 12:45	Fri 12/05/23 13:15	2908	K Opelo,T Moalosi
2910		Service Stop/Start	0.5 hrs	Fri 12/05/23 13:15	Fri 12/05/23 13:45	2909	K Opelo,T Moalosi
2911		Check Motor Cooling Fan Condition	0.5 hrs	Fri 12/05/23 13:45	Fri 12/05/23 14:15	2910	K Opelo,T Moalosi
2912		Check Cable Terminal Leads For Over Heating	0.5 hrs	Fri 12/05/23 14:15	Fri 12/05/23 14:45	2911	K Opelo,T Moalosi
2913		Tighten Motor Connections & Gland Integrity	0.5 hrs	Fri 12/05/23 14:45	Fri 12/05/23 15:15	2912	K Opelo,T Moalosi
2914		Seal For Moisture And Dust.	0.5 hrs	Fri 12/05/23 15:15	Fri 12/05/23 15:45	2913	K Opelo,T Moalosi
2915		Confirm Correct Protection Settings	0.5 hrs	Fri 12/05/23 15:45	Fri 12/05/23 16:15	2914	K Opelo,T Moalosi
2916		Clear Permit	0.5 hrs	Fri 12/05/23 16:15	Fri 12/05/23 16:45	2915	K Opelo,T Moalosi
2917	41B2GA01	BASHSP-0192 - Scrubber Water Discharge Pump - Carry Out Maintenance On Electrical Components	5.5 hrs	Fri 12/05/23 16:45	Sat 13/05/23 11:15		
2918		Make Out Permit	0.25 hrs	Fri 12/05/23 16:45	Fri 12/05/23 17:00	2916	Operations
2919		Accept Permit	0.25 hrs	Fri 12/05/23 17:00	Fri 12/05/23 17:15	2918	K Opelo,T Moalosi
2920		Carry out risk assessment	0.25 hrs	Fri 12/05/23 17:15	Fri 12/05/23 17:30	2919	K Opelo,T Moalosi
2921		Carry Out Electrical Isolation	0.25 hrs	Fri 12/05/23 17:30	Fri 12/05/23 17:45	2920	K Opelo,T Moalosi
2922		Check Loose Connections In The Panel	0.5 hrs	Fri 12/05/23 17:45	Sat 13/05/23 07:15	2921	K Opelo,T Moalosi
2923		Service Panel Components & Clear Dust	0.5 hrs	Sat 13/05/23 07:15	Sat 13/05/23 07:45	2922	K Opelo,T Moalosi
2924		Service Stop/Start	0.5 hrs	Sat 13/05/23 07:45	Sat 13/05/23 08:15	2923	K Opelo,T Moalosi
2925		Check Motor Fan Condition	0.5 hrs	Sat 13/05/23 08:15	Sat 13/05/23 08:45	2924	K Opelo,T Moalosi
2926		Check Cable Terminal Leads For Over Heating	0.5 hrs	Sat 13/05/23 08:45	Sat 13/05/23 09:15	2925	K Opelo,T Moalosi
2927		Tighten Motor Connections & Gland Integrity	0.5 hrs	Sat 13/05/23 09:15	Sat 13/05/23 09:45	2926	K Opelo,T Moalosi
2928		Seal For Moisture And Dust.	0.5 hrs	Sat 13/05/23 09:45	Sat 13/05/23 10:15	2927	K Opelo,T Moalosi
2929		Confirm Correct Protection Settings	0.5 hrs	Sat 13/05/23 10:15	Sat 13/05/23 10:45	2928	K Opelo,T Moalosi
2930		Clear Permit	0.5 hrs	Sat 13/05/23 10:45	Sat 13/05/23 11:15	2929	K Opelo,T Moalosi
2931	41B2RE01	BASHSP-0193 - Silo Discharge Conveyor - Carry Out Maintenance On Electrical Components	6.5 hrs	Sat 13/05/23 11:15	Sun 14/05/23 07:15		
2932		Make Out Permit	0.25 hrs	Sat 13/05/23 11:15	Sat 13/05/23 11:30	2930	Operations
2933		Accept Permit	0.25 hrs	Sat 13/05/23 11:30	Sat 13/05/23 11:45	2932	K Opelo,T Moalosi
2934		Carry out risk assessment	0.25 hrs	Sat 13/05/23 11:45	Sat 13/05/23 12:00	2933	K Opelo,T Moalosi
2935		Carry Out Electrical Isolation	0.25 hrs	Sat 13/05/23 12:30	Sat 13/05/23 12:45	2934	K Opelo,T Moalosi
2936		Check Loose Connections In The Panel	0.5 hrs	Sat 13/05/23 12:45	Sat 13/05/23 13:15	2935	K Opelo,T Moalosi
2937		Service Panel Components & Clear Dust	0.5 hrs	Sat 13/05/23 13:15	Sat 13/05/23 13:45	2936	K Opelo,T Moalosi
2938		Service Stop/Start, Belt Alignment & Pull Switches	0.5 hrs	Sat 13/05/23 13:45	Sat 13/05/23 14:15	2937	K Opelo,T Moalosi
2939		Check underspeed sensor functionality	0.5 hrs	Sat 13/05/23 14:15	Sat 13/05/23 14:45	2938	K Opelo,T Moalosi
2940		Service Safe Start Circuit & Insure Siren Is Working	0.5 hrs	Sat 13/05/23 14:45	Sat 13/05/23 15:15	2939	K Opelo,T Moalosi



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
2941		Check Motor Fan Condition	0.5 hrs	Sat 13/05/23 15:15	Sat 13/05/23 15:45	2940	K Opelo,T Moalosi
2942		Check Cable Terminal Leads For Over Heating	0.5 hrs	Sat 13/05/23 15:45	Sat 13/05/23 16:15	2941	K Opelo,T Moalosi
2943		Tighten Motor Connections & Gland Integrity	0.5 hrs	Sat 13/05/23 16:15	Sat 13/05/23 16:45	2942	K Opelo,T Moalosi
2944		Seal For Moisture And Dust.	0.5 hrs	Sat 13/05/23 16:45	Sat 13/05/23 17:15	2943	K Opelo,T Moalosi
2945		Confirm Correct Protection Settings	0.5 hrs	Sat 13/05/23 17:15	Sat 13/05/23 17:45	2944	K Opelo,T Moalosi
2946		Clear Permit	0.5 hrs	Sat 13/05/23 17:45	Sun 14/05/23 07:15	2945	K Opelo,T Moalosi
2947	41B2RE06	BASHSP-0194 - Course Salt Feed Conveyor - Carry Out Maintenance On Electrical Components	6.5 hrs	Sun 14/05/23 07:15	Sun 14/05/23 14:15		
2948		Make Out Permit	0.25 hrs	Sun 14/05/23 07:15	Sun 14/05/23 07:30	2946	Operations
2949		Accept Permit	0.25 hrs	Sun 14/05/23 07:30	Sun 14/05/23 07:45	2948	K Opelo,T Moalosi
2950		Carry out risk assessment	0.25 hrs	Sun 14/05/23 07:45	Sun 14/05/23 08:00	2949	K Opelo,T Moalosi
2951		Carry Out Electrical Isolation	0.25 hrs	Sun 14/05/23 08:00	Sun 14/05/23 08:15	2950	K Opelo,T Moalosi
2952		Check Loose Connections In The Panel	0.5 hrs	Sun 14/05/23 08:15	Sun 14/05/23 08:45	2951	K Opelo,T Moalosi
2953		Service Panel Components & Clear Dust	0.5 hrs	Sun 14/05/23 08:45	Sun 14/05/23 09:15	2952	K Opelo,T Moalosi
2954		Service Stop/Start, Belt Alignment & Pull Switches	0.5 hrs	Sun 14/05/23 09:15	Sun 14/05/23 09:45	2953	K Opelo,T Moalosi
2955		check underspeed sensor functionality	0.5 hrs	Sun 14/05/23 09:45	Sun 14/05/23 10:15	2954	K Opelo,T Moalosi
2956		Service Safe Start Circuit & Insure Siren Is Working	0.5 hrs	Sun 14/05/23 10:15	Sun 14/05/23 10:45	2955	K Opelo,T Moalosi
2957		Check Motor Fan Condition	0.5 hrs	Sun 14/05/23 10:45	Sun 14/05/23 11:15	2956	K Opelo,T Moalosi
2958		Check Cable Terminal Leads For Over Heating	0.5 hrs	Sun 14/05/23 11:15	Sun 14/05/23 11:45	2957	K Opelo,T Moalosi
2959		Tighten Motor Connections & Gland Integrity	0.5 hrs	Sun 14/05/23 11:45	Sun 14/05/23 12:45	2958	K Opelo,T Moalosi
2960		Seal For Moisture And Dust.	0.5 hrs	Sun 14/05/23 12:45	Sun 14/05/23 13:15	2959	K Opelo,T Moalosi
2961		Confirm Correct Protection Settings	0.5 hrs	Sun 14/05/23 13:15	Sun 14/05/23 13:45	2960	K Opelo,T Moalosi
2962		Clear Permit	0.5 hrs	Sun 14/05/23 13:45	Sun 14/05/23 14:15	2961	K Opelo,T Moalosi
2963		BASHSP-0195 - Truck Loading System - Carry Out Maintenance On Electrical Components	6 hrs	Sun 14/05/23 14:15	Mon 15/05/23 09:15		
2964		Make Out Permit	0.25 hrs	Sun 14/05/23 14:15	Sun 14/05/23 14:30	2962	Operations
2965		Accept Permit	0.25 hrs	Sun 14/05/23 14:30	Sun 14/05/23 14:45	2964	K Opelo,T Moalosi
2966		Carry out risk assessment	0.25 hrs	Sun 14/05/23 14:45	Sun 14/05/23 15:00	2965	K Opelo,T Moalosi
2967		Carry Out Electrical Isolation	0.25 hrs	Sun 14/05/23 15:00	Sun 14/05/23 15:15	2966	K Opelo,T Moalosi
2968		Check Loose Connections In The Panel	0.5 hrs	Sun 14/05/23 15:15	Sun 14/05/23 15:45	2967	K Opelo,T Moalosi
2969		Service Panel Components & Clear Dust	0.5 hrs	Sun 14/05/23 15:45	Sun 14/05/23 16:15	2968	K Opelo,T Moalosi
2970		Service Stop/Start And Pull Switches	0.5 hrs	Sun 14/05/23 16:15	Sun 14/05/23 16:45	2969	K Opelo,T Moalosi
2971		Service Safe Start Circuit & Insure Siren Is Working	0.5 hrs	Sun 14/05/23 16:45	Sun 14/05/23 17:15	2970	K Opelo,T Moalosi
2972		Service Marshalling Panel With Indicator Lamps	0.5 hrs	Sun 14/05/23 17:15	Sun 14/05/23 17:45	2971	K Opelo,T Moalosi
2973		Check Cable Terminal Leads For Over Heating	0.5 hrs	Sun 14/05/23 17:45	Mon 15/05/23 07:15	2972	K Opelo,T Moalosi
2974		Tighten Motor Connections & Gland Integrity	0.5 hrs	Mon 15/05/23 07:15	Mon 15/05/23 07:45	2973	K Opelo,T Moalosi
2975		Seal For Moisture And Dust.	0.5 hrs	Mon 15/05/23 07:45	Mon 15/05/23 08:15	2974	K Opelo,T Moalosi
2976		Confirm Correct Protection Settings	0.5 hrs	Mon 15/05/23 08:15	Mon 15/05/23 08:45	2975	K Opelo,T Moalosi
2977		Clear Permit	0.5 hrs	Mon 15/05/23 08:45	Mon 15/05/23 09:15	2976	K Opelo,T Moalosi
2978		BASHSP-0196 - Coarse Salt Stitching Headpanel - Carry Out Maintenance On Electrical Components	5.5 hrs	Mon 15/05/23 09:15	Mon 15/05/23 15:15		
2979		Make Out Permit	0.25 hrs	Mon 15/05/23 09:15	Mon 15/05/23 09:30	2977	Operations
2980		Accept Permit	0.25 hrs	Mon 15/05/23 09:30	Mon 15/05/23 09:45	2979	K Opelo,T Moalosi
2981		Carry out risk assessment	0.25 hrs	Mon 15/05/23 09:45	Mon 15/05/23 10:00	2980	K Opelo,T Moalosi
2982		Carry Out Electrical Isolation	0.25 hrs	Mon 15/05/23 10:00	Mon 15/05/23 10:15	2981	K Opelo,T Moalosi
2983		Remove Old The Panel	0.5 hrs	Mon 15/05/23 10:15	Mon 15/05/23 10:45	2982	K Opelo,T Moalosi,K Fanyane,R Selo
2984		Service Panel Components & Clear Dust	0.5 hrs	Mon 15/05/23 10:45	Mon 15/05/23 11:15	2983	K Opelo,T Moalosi
2985		Service Stop/Start And Pull Switches	0.5 hrs	Mon 15/05/23 11:15	Mon 15/05/23 11:45	2984	K Opelo,T Moalosi
2986		Service Safe Start Circuit & Insure Siren Is Working	0.5 hrs	Mon 15/05/23 11:45	Mon 15/05/23 12:45	2985	K Opelo,T Moalosi
2987		Service Marshalling Panel With Indicator Lamps	0.5 hrs	Mon 15/05/23 12:45	Mon 15/05/23 13:15	2986	K Opelo,T Moalosi
2988		Install new panel	0.5 hrs	Mon 15/05/23 13:15	Mon 15/05/23 13:45	2987	K Opelo,T Moalosi,K Fanyane,R Selo
2989		Seal For Moisture And Dust.	0.5 hrs	Mon 15/05/23 13:45	Mon 15/05/23 14:15	2988	K Opelo,T Moalosi
2990		Confirm Correct Protection Settings	0.5 hrs	Mon 15/05/23 14:15	Mon 15/05/23 14:45	2989	K Opelo,T Moalosi
2991		Clear Permit	0.5 hrs	Mon 15/05/23 14:45	Mon 15/05/23 15:15	2990	K Opelo,T Moalosi



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
2992		BASHSP-0197 - Fine Salt Stitching Headpanel - Carry Out Maintenance On Electrical Components	5.5 hrs	Sun 14/05/23 07:15	Sun 14/05/23 13:15		
2993		Make Out Permit	0.25 hrs	Sun 14/05/23 07:15	Sun 14/05/23 07:30	2946	Operations
2994		Accept Permit	0.25 hrs	Sun 14/05/23 07:30	Sun 14/05/23 07:45	2993	K Opelo,T Moalosi
2995		Carry out risk assessment	0.25 hrs	Sun 14/05/23 07:45	Sun 14/05/23 08:00	2994	K Opelo,T Moalosi
2996		Carry Out Electrical Isolation	0.25 hrs	Sun 14/05/23 08:00	Sun 14/05/23 08:15	2995	K Opelo,T Moalosi
2997		Remove Old The Panel	0.5 hrs	Sun 14/05/23 08:15	Sun 14/05/23 08:45	2996	K Opelo,T Moalosi,K Fanyane,R Selo
2998		Service Panel Components & Clear Dust	0.5 hrs	Sun 14/05/23 08:45	Sun 14/05/23 09:15	2997	K Opelo,T Moalosi
2999		Service Stop/Start And Pull Switches	0.5 hrs	Sun 14/05/23 09:15	Sun 14/05/23 09:45	2998	K Opelo,T Moalosi
3000		Service Safe Start Circuit & Insure Siren Is Working	0.5 hrs	Sun 14/05/23 09:45	Sun 14/05/23 10:15	2999	K Opelo,T Moalosi
3001		Service Marshalling Panel With Indicator Lamps	0.5 hrs	Sun 14/05/23 10:15	Sun 14/05/23 10:45	3000	K Opelo,T Moalosi
3002		Install new panel	0.5 hrs	Sun 14/05/23 10:45	Sun 14/05/23 11:15	3001	K Opelo,T Moalosi,K Fanyane,R Selo
3003		Seal For Moisture And Dust.	0.5 hrs	Sun 14/05/23 11:15	Sun 14/05/23 11:45	3002	K Opelo,T Moalosi
3004		Confirm Correct Protection Settings	0.5 hrs	Sun 14/05/23 11:45	Sun 14/05/23 12:45	3003	K Opelo,T Moalosi
3005		Clear Permit	0.5 hrs	Sun 14/05/23 12:45	Sun 14/05/23 13:15	3004	K Opelo,T Moalosi
3006	41B2RL01	BASHSP-0198 - A Salt Bagging Machine - Carry Out Maintenance On Electrical Components	6 hrs	Sun 14/05/23 13:15	Mon 15/05/23 08:15		
3007		Make Out Permit	0.25 hrs	Sun 14/05/23 13:15	Sun 14/05/23 13:30	3005	Operations
3008		Accept Permit	0.25 hrs	Sun 14/05/23 13:30	Sun 14/05/23 13:45	3007	K Opelo,T Moalosi
3009		Carry out risk assessment	0.25 hrs	Sun 14/05/23 13:45	Sun 14/05/23 14:00	3008	K Opelo,T Moalosi
3010		Carry Out Electrical Isolation	0.25 hrs	Sun 14/05/23 14:00	Sun 14/05/23 14:15	3009	K Opelo,T Moalosi
3011		Check Loose Connections In The Panel	0.5 hrs	Sun 14/05/23 14:15	Sun 14/05/23 14:45	3010	K Opelo,T Moalosi
3012		Service Panel Components & Clear Dust	0.5 hrs	Sun 14/05/23 14:45	Sun 14/05/23 15:15	3011	K Opelo,T Moalosi
3013		Service Stop/Start And Pull Switches	0.5 hrs	Sun 14/05/23 15:15	Sun 14/05/23 15:45	3012	K Opelo,T Moalosi
3014		Service Safe Start Circuit & Insure Siren Is Working	0.5 hrs	Sun 14/05/23 15:45	Sun 14/05/23 16:15	3013	K Opelo,T Moalosi
3015		Service Marshalling Panel With Indicator Lamps	0.5 hrs	Sun 14/05/23 16:15	Sun 14/05/23 16:45	3014	K Opelo,T Moalosi
3016		Check Cable Terminal Leads For Over Heating	0.5 hrs	Sun 14/05/23 16:45	Sun 14/05/23 17:15	3015	K Opelo,T Moalosi
3017		Tighten Motor Connections & Gland Integrity	0.5 hrs	Sun 14/05/23 17:15	Sun 14/05/23 17:45	3016	K Opelo,T Moalosi
3018		Seal For Moisture And Dust.	0.5 hrs	Sun 14/05/23 17:45	Mon 15/05/23 07:15	3017	K Opelo,T Moalosi
3019		Confirm Correct Protection Settings	0.5 hrs	Mon 15/05/23 07:15	Mon 15/05/23 07:45	3018	K Opelo,T Moalosi
3020		Clear Permit	0.5 hrs	Mon 15/05/23 07:45	Mon 15/05/23 08:15	3019	K Opelo,T Moalosi
3021	41B2RL02	BASHSP- 0199 - B Salt Bagging Machine - Carry Out Maintenance On Electrical Components	6 hrs	Mon 15/05/23 08:15	Mon 15/05/23 14:45		
3022		Make Out Permit	0.25 hrs	Mon 15/05/23 08:15	Mon 15/05/23 08:30	3020	Operations
3023		Accept Permit	0.25 hrs	Mon 15/05/23 08:30	Mon 15/05/23 08:45	3022	K Opelo,T Moalosi
3024		Carry out risk assessment	0.25 hrs	Mon 15/05/23 08:45	Mon 15/05/23 09:00	3023	K Opelo,T Moalosi
3025		Carry Out Electrical Isolation	0.25 hrs	Mon 15/05/23 09:00	Mon 15/05/23 09:15	3024	K Opelo,T Moalosi
3026		Check Loose Connections In The Panel	0.5 hrs	Mon 15/05/23 09:15	Mon 15/05/23 09:45	3025	K Opelo,T Moalosi
3027		Service Panel Components & Clear Dust	0.5 hrs	Mon 15/05/23 09:45	Mon 15/05/23 10:15	3026	K Opelo,T Moalosi
3028		Service Stop/Start And Pull Switches	0.5 hrs	Mon 15/05/23 10:15	Mon 15/05/23 10:45	3027	K Opelo,T Moalosi
3029		Service Safe Start Circuit & Insure Siren Is Working	0.5 hrs	Mon 15/05/23 10:45	Mon 15/05/23 11:15	3028	K Opelo,T Moalosi
3030		Service Marshalling Panel With Indicator Lamps	0.5 hrs	Mon 15/05/23 11:15	Mon 15/05/23 11:45	3029	K Opelo,T Moalosi
3031		Check Cable Terminal Leads For Over Heating	0.5 hrs	Mon 15/05/23 11:45	Mon 15/05/23 12:45	3030	K Opelo,T Moalosi
3032		Tighten Motor Connections & Gland Integrity	0.5 hrs	Mon 15/05/23 12:45	Mon 15/05/23 13:15	3031	K Opelo,T Moalosi
3033		Seal For Moisture And Dust.	0.5 hrs	Mon 15/05/23 13:15	Mon 15/05/23 13:45	3032	K Opelo,T Moalosi
3034		Confirm Correct Protection Settings	0.5 hrs	Mon 15/05/23 13:45	Mon 15/05/23 14:15	3033	K Opelo,T Moalosi
3035		Clear Permit	0.5 hrs	Mon 15/05/23 14:15	Mon 15/05/23 14:45	3034	K Opelo,T Moalosi
3036	41B2RF01	BASHSP-0200 - Milled Salt Trough Chain Conveyor - Carry Out Maintenance On Electrical Components	5.5 hrs	Mon 15/05/23 14:45	Tue 16/05/23 09:15		
3037		Make Out Permit	0.25 hrs	Mon 15/05/23 14:45	Mon 15/05/23 15:00	3035	K Opelo,T Moalosi
3038		Accept Permit	0.25 hrs	Mon 15/05/23 15:00	Mon 15/05/23 15:15	3037	K Opelo,T Moalosi
3039		Carry out risk assessment	0.25 hrs	Mon 15/05/23 15:15	Mon 15/05/23 15:30	3038	K Opelo,T Moalosi
3040		Carry Out Electrical Isolation	0.25 hrs	Mon 15/05/23 15:30	Mon 15/05/23 15:45	3039	K Opelo,T Moalosi



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
3041		Check Loose Connections In The Panel	0.5 hrs	Mon 15/05/23 15:45	Mon 15/05/23 16:15	3040	K Opelo,T Moalosi
3042		Service Panel Components & Clear Dust	0.5 hrs	Mon 15/05/23 16:15	Mon 15/05/23 16:45	3041	K Opelo,T Moalosi
3043		Check Under speed Sensor Integrity & Circuit Operation	0.5 hrs	Mon 15/05/23 16:45	Mon 15/05/23 17:15	3042	K Opelo,T Moalosi
3044		Service Safe Start Circuit	0.5 hrs	Mon 15/05/23 17:15	Mon 15/05/23 17:45	3043	K Opelo,T Moalosi
3045		Inspect For Possible Gear Box Seal Leak	0.5 hrs	Mon 15/05/23 17:45	Tue 16/05/23 07:15	3044	K Opelo,T Moalosi
3046		Tighten Motor Connections & Gland Integrity	0.5 hrs	Tue 16/05/23 07:15	Tue 16/05/23 07:45	3045	K Opelo,T Moalosi
3047		Seal For Moisture And Dust.	0.5 hrs	Tue 16/05/23 07:45	Tue 16/05/23 08:15	3046	K Opelo,T Moalosi
3048		Confirm Correct Protection Settings	0.5 hrs	Tue 16/05/23 08:15	Tue 16/05/23 08:45	3047	K Opelo,T Moalosi
3049		Clear Permit	0.5 hrs	Tue 16/05/23 08:45	Tue 16/05/23 09:15	3048	K Opelo,T Moalosi
3050	41B2RF02	BASHSP-0201 - Mobile Screw Conveyor - Carry Out Maintenance On Electrical Components	3.75 hrs	Sun 14/05/23 07:15	Sun 14/05/23 11:00		
3051		Make Out Permit	0.25 hrs	Sun 14/05/23 07:15	Sun 14/05/23 07:30	2946	Operations
3052		Accept Permit	0.25 hrs	Sun 14/05/23 07:30	Sun 14/05/23 07:45	3051	K Opelo,T Moalosi
3053		Carry out risk assessment	0.25 hrs	Sun 14/05/23 07:45	Sun 14/05/23 08:00	3052	K Opelo,T Moalosi
3054		Carry Out Electrical Isolation	0.25 hrs	Sun 14/05/23 08:00	Sun 14/05/23 08:15	3053	K Opelo,T Moalosi
3055		Check Loose Connections In The Panel	0.25 hrs	Sun 14/05/23 08:15	Sun 14/05/23 08:30	3054	K Opelo,T Moalosi
3056		Service Panel Components & Clear Dust	0.25 hrs	Sun 14/05/23 08:30	Sun 14/05/23 08:45	3055	K Opelo,T Moalosi
3057		Replace Motor	0.25 hrs	Sun 14/05/23 08:45	Sun 14/05/23 09:00	3056	K Opelo,T Moalosi
3058		Replace Worn Part Of The Motor Supply Cable	0.25 hrs	Sun 14/05/23 09:00	Sun 14/05/23 09:15	3057	K Opelo,T Moalosi
3059		Service Stop/Start	0.25 hrs	Sun 14/05/23 09:15	Sun 14/05/23 09:30	3058	K Opelo,T Moalosi
3060		Check Motor Fan Condition	0.25 hrs	Sun 14/05/23 09:30	Sun 14/05/23 09:45	3059	K Opelo,T Moalosi
3061		Check Cable Terminal Leads For Over Heating	0.25 hrs	Sun 14/05/23 09:45	Sun 14/05/23 10:00	3060	K Opelo,T Moalosi
3062		Tighten Motor Connections & Gland Integrity	0.25 hrs	Sun 14/05/23 10:00	Sun 14/05/23 10:15	3061	K Opelo,T Moalosi
3063		Seal For Moisture And Dust.	0.25 hrs	Sun 14/05/23 10:15	Sun 14/05/23 10:30	3062	K Opelo,T Moalosi
3064		Confirm Correct Protection Settings	0.25 hrs	Sun 14/05/23 10:30	Sun 14/05/23 10:45	3063	K Opelo,T Moalosi
3065		Clear Permit	0.25 hrs	Sun 14/05/23 10:45	Sun 14/05/23 11:00	3064	K Opelo,T Moalosi
3066	41B2RF03	BASHSP-0202 - Coarse Salt Chain Conveyor - Carry Out Maintenance On Electrical Components	5.5 hrs	Sun 14/05/23 14:15	Mon 15/05/23 08:45		
3067		Make Out Permit	0.25 hrs	Sun 14/05/23 14:15	Sun 14/05/23 14:30	2962	Operations
3068		Accept Permit	0.25 hrs	Sun 14/05/23 14:30	Sun 14/05/23 14:45	3067	K Opelo,T Moalosi
3069		Carry out risk assessment	0.25 hrs	Sun 14/05/23 14:45	Sun 14/05/23 15:00	3068	K Opelo,T Moalosi
3070		Carry Out Electrical Isolation	0.25 hrs	Sun 14/05/23 15:00	Sun 14/05/23 15:15	3069	K Opelo,T Moalosi
3071		Check Loose Connections In The Panel	0.5 hrs	Sun 14/05/23 15:15	Sun 14/05/23 15:45	3070	K Opelo,T Moalosi
3072		Service Panel Components & Clear Dust	0.5 hrs	Sun 14/05/23 15:45	Sun 14/05/23 16:15	3071	K Opelo,T Moalosi
3073		Check Under speed Sensor Integrity & Circuit Operation	0.5 hrs	Sun 14/05/23 16:15	Sun 14/05/23 16:45	3072	K Opelo,T Moalosi
3074		Service Safe Start Circuit	0.5 hrs	Sun 14/05/23 16:45	Sun 14/05/23 17:15	3073	K Opelo,T Moalosi
3075		Inspect For Possible Gear Box Seal Leak	0.5 hrs	Sun 14/05/23 17:15	Sun 14/05/23 17:45	3074	K Opelo,T Moalosi
3076		Tighten Motor Connections & Gland Integrity	0.5 hrs	Sun 14/05/23 17:45	Mon 15/05/23 07:15	3075	K Opelo,T Moalosi
3077		Seal For Moisture And Dust.	0.5 hrs	Mon 15/05/23 07:15	Mon 15/05/23 07:45	3076	K Opelo,T Moalosi
3078		Confirm Correct Protection Settings	0.5 hrs	Mon 15/05/23 07:45	Mon 15/05/23 08:15	3077	K Opelo,T Moalosi
3079		Clear Permit	0.5 hrs	Mon 15/05/23 08:15	Mon 15/05/23 08:45	3078	K Opelo,T Moalosi
3080	41B2RP01	BASHSP-0203 - Milled Salt Bucket Elevator - Carry Out Maintenance On Electrical Components	5.5 hrs	Mon 15/05/23 08:45	Mon 15/05/23 14:45		
3081		Make Out Permit	0.25 hrs	Mon 15/05/23 08:45	Mon 15/05/23 09:00	3079,3065	Operations
3082		Accept Permit	0.25 hrs	Mon 15/05/23 09:00	Mon 15/05/23 09:15	3081	K Opelo,T Moalosi
3083		Carry out risk assessment	0.25 hrs	Mon 15/05/23 09:15	Mon 15/05/23 09:30	3082	K Opelo,T Moalosi
3084		Carry Out Electrical Isolation	0.25 hrs	Mon 15/05/23 09:30	Mon 15/05/23 09:45	3083	K Opelo,T Moalosi
3085		Check Loose Connections In The Panel	0.5 hrs	Mon 15/05/23 09:45	Mon 15/05/23 10:15	3084	K Opelo,T Moalosi
3086		Service Panel Components & Clear Dust	0.5 hrs	Mon 15/05/23 10:15	Mon 15/05/23 10:45	3085	K Opelo,T Moalosi
3087		Check Under speed Sensor Cable & Circuit Operation	0.5 hrs	Mon 15/05/23 10:45	Mon 15/05/23 11:15	3086	K Opelo,T Moalosi
3088		Clear Product Build-Up Between Sensor & Actuators	0.5 hrs	Mon 15/05/23 11:15	Mon 15/05/23 11:45	3087	K Opelo,T Moalosi
3089		Service Safe Start Circuit	0.5 hrs	Mon 15/05/23 11:45	Mon 15/05/23 12:45	3088	K Opelo,T Moalosi
3090		Tighten Motor Connections & Gland Integrity	0.5 hrs	Mon 15/05/23 12:45	Mon 15/05/23 13:15	3089	K Opelo,T Moalosi
3091		Seal For Moisture And Dust.	0.5 hrs	Mon 15/05/23 13:15	Mon 15/05/23 13:45	3090	K Opelo,T Moalosi



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
3092		Confirm Correct Protection Settings	0.5 hrs	Mon 15/05/23 13:45	Mon 15/05/23 14:15	3091	K Opelo,T Moalosi
3093		Clear Permit	0.5 hrs	Mon 15/05/23 14:15	Mon 15/05/23 14:45	3092	K Opelo,T Moalosi
3094	41B2RP02	BASHSP-0204 - Coarse Salt Bucket Elevator - Carry Out Maintenance On Electrical Components	5.5 hrs	Sun 14/05/23 11:00	Sun 14/05/23 17:00		
3095		Make Out Permit	0.25 hrs	Sun 14/05/23 11:00	Sun 14/05/23 11:15	3065	Operations
3096		Accept Permit	0.25 hrs	Sun 14/05/23 11:15	Sun 14/05/23 11:30	3095	K Opelo,T Moalosi
3097		Carry out risk assessment	0.25 hrs	Sun 14/05/23 11:30	Sun 14/05/23 11:45	3096	K Opelo,T Moalosi
3098		Carry Out Electrical Isolation	0.25 hrs	Sun 14/05/23 11:45	Sun 14/05/23 12:00	3097	K Opelo,T Moalosi
3099		Check Loose Connections In The Panel	0.5 hrs	Sun 14/05/23 12:30	Sun 14/05/23 13:00	3098	K Opelo,T Moalosi
3100		Service Panel Components & Clear Dust	0.5 hrs	Sun 14/05/23 13:00	Sun 14/05/23 13:30	3099	K Opelo,T Moalosi
3101		Check Under speed Sensor Cable & Circuit Operation	0.5 hrs	Sun 14/05/23 13:30	Sun 14/05/23 14:00	3100	K Opelo,T Moalosi
3102		Clear Product Build-Up Between Sensor & Actuators	0.5 hrs	Sun 14/05/23 14:00	Sun 14/05/23 14:30	3101	K Opelo,T Moalosi
3103		Service Safe Start Circuit	0.5 hrs	Sun 14/05/23 14:30	Sun 14/05/23 15:00	3102	K Opelo,T Moalosi
3104		Tighten Motor Connections & Gland Integrity	0.5 hrs	Sun 14/05/23 15:00	Sun 14/05/23 15:30	3103	K Opelo,T Moalosi
3105		Seal For Moisture And Dust.	0.5 hrs	Sun 14/05/23 15:30	Sun 14/05/23 16:00	3104	K Opelo,T Moalosi
3106		Confirm Correct Protection Settings	0.5 hrs	Sun 14/05/23 16:00	Sun 14/05/23 16:30	3105	K Opelo,T Moalosi
3107		Clear Permit	0.5 hrs	Sun 14/05/23 16:30	Sun 14/05/23 17:00	3106	K Opelo,T Moalosi
3108	41B2RE06	BASHSP-0205 - A Bagged Salt Transfer Conveyor - Carry Out Maintenance On Electrical Components	6 hrs	Sun 14/05/23 17:00	Mon 15/05/23 12:00		
3109		Make Out Permit	0.25 hrs	Sun 14/05/23 17:00	Sun 14/05/23 17:15	3107	Operations
3110		Accept Permit	0.25 hrs	Sun 14/05/23 17:15	Sun 14/05/23 17:30	3109	K Opelo,T Moalosi
3111		Carry out risk assessment	0.25 hrs	Sun 14/05/23 17:30	Sun 14/05/23 17:45	3110	K Opelo,T Moalosi
3112		Carry Out Electrical Isolation	0.25 hrs	Sun 14/05/23 17:45	Sun 14/05/23 18:00	3111	K Opelo,T Moalosi
3113		Check Loose Connections In The Panel	0.5 hrs	Mon 15/05/23 07:00	Mon 15/05/23 07:30	3112	K Opelo,T Moalosi
3114		Service Panel Components & Clear Dust	0.5 hrs	Mon 15/05/23 07:30	Mon 15/05/23 08:00	3113	K Opelo,T Moalosi
3115		Service Stop/Start, Belt Alignment	0.5 hrs	Mon 15/05/23 08:00	Mon 15/05/23 08:30	3114	K Opelo,T Moalosi
3116		Service Safe Start Circuit & Insure Siren Is Working	0.5 hrs	Mon 15/05/23 08:30	Mon 15/05/23 09:00	3115	K Opelo,T Moalosi
3117		Check Motor Fan Condition	0.5 hrs	Mon 15/05/23 09:00	Mon 15/05/23 09:30	3116	K Opelo,T Moalosi
3118		Check Cable Terminal Leads For Over Heating	0.5 hrs	Mon 15/05/23 09:30	Mon 15/05/23 10:00	3117	K Opelo,T Moalosi
3119		Tighten Motor Connections & Gland Integrity	0.5 hrs	Mon 15/05/23 10:00	Mon 15/05/23 10:30	3118	K Opelo,T Moalosi
3120		Seal For Moisture And Dust.	0.5 hrs	Mon 15/05/23 10:30	Mon 15/05/23 11:00	3119	K Opelo,T Moalosi
3121		Confirm Correct Protection Settings	0.5 hrs	Mon 15/05/23 11:00	Mon 15/05/23 11:30	3120	K Opelo,T Moalosi
3122		Clear Permit	0.5 hrs	Mon 15/05/23 11:30	Mon 15/05/23 12:00	3121	K Opelo,T Moalosi
3123	41B2RE09	BASHSP-0206 - B Bagged Salt Transfer Conveyor - Carry Out Maintenance On Electrical Components	6 hrs	Mon 15/05/23 11:30	Mon 15/05/23 18:00		
3124		Make Out Permit	0.25 hrs	Mon 15/05/23 11:30	Mon 15/05/23 11:45	3078,3121	Operations
3125		Accept Permit	0.25 hrs	Mon 15/05/23 11:45	Mon 15/05/23 12:00	3124	K Opelo,T Moalosi
3126		Carry out risk assessment	0.25 hrs	Mon 15/05/23 12:30	Mon 15/05/23 12:45	3125	K Opelo,T Moalosi
3127		Carry Out Electrical Isolation	0.25 hrs	Mon 15/05/23 12:45	Mon 15/05/23 13:00	3126	K Opelo,T Moalosi
3128		Check Loose Connections In The Panel	0.5 hrs	Mon 15/05/23 13:00	Mon 15/05/23 13:30	3127	K Opelo,T Moalosi
3129		Service Panel Components & Clear Dust	0.5 hrs	Mon 15/05/23 13:30	Mon 15/05/23 14:00	3128	K Opelo,T Moalosi
3130		Service Stop/Start, Belt Alignment	0.5 hrs	Mon 15/05/23 14:00	Mon 15/05/23 14:30	3129	K Opelo,T Moalosi
3131		Service Safe Start Circuit & Insure Siren Is Working	0.5 hrs	Mon 15/05/23 14:30	Mon 15/05/23 15:00	3130	K Opelo,T Moalosi
3132		Check Motor Fan Condition	0.5 hrs	Mon 15/05/23 15:00	Mon 15/05/23 15:30	3131	K Opelo,T Moalosi
3133		Check Cable Terminal Leads For Over Heating	0.5 hrs	Mon 15/05/23 15:30	Mon 15/05/23 16:00	3132	K Opelo,T Moalosi
3134		Tighten Motor Connections & Gland Integrity	0.5 hrs	Mon 15/05/23 16:00	Mon 15/05/23 16:30	3133	K Opelo,T Moalosi
3135		Seal For Moisture And Dust.	0.5 hrs	Mon 15/05/23 16:30	Mon 15/05/23 17:00	3134	K Opelo,T Moalosi
3136		Confirm Correct Protection Settings	0.5 hrs	Mon 15/05/23 17:00	Mon 15/05/23 17:30	3135	K Opelo,T Moalosi
3137		Clear Permit	0.5 hrs	Mon 15/05/23 17:30	Mon 15/05/23 18:00	3136	K Opelo,T Moalosi
3138	41A2RX01	BASHSP-0207 - A Rail Truck Loading Machine & Bag Def - Carry Out Maintenance On Electrical Components	5.5 hrs	Tue 16/05/23 07:00	Tue 16/05/23 13:00		
3139		Make Out Permit	0.25 hrs	Tue 16/05/23 07:00	Tue 16/05/23 07:15	3137	Operations
3140		Accept Permit	0.25 hrs	Tue 16/05/23 07:15	Tue 16/05/23 07:30	3139	K Opelo,T Moalosi



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
3141		Carry out risk assessment	0.25 hrs	Tue 16/05/23 07:30	Tue 16/05/23 07:45	3140	K Opelo,T Moalosi
3142		Carry Out Electrical Isolation	0.25 hrs	Tue 16/05/23 07:45	Tue 16/05/23 08:00	3141	K Opelo,T Moalosi
3143		Check Loose Connections In The Panel	0.25 hrs	Tue 16/05/23 08:00	Tue 16/05/23 08:15	3142	K Opelo,T Moalosi
3144		Service Panel Components & Clear Dust	0.25 hrs	Tue 16/05/23 08:15	Tue 16/05/23 08:30	3143	K Opelo,T Moalosi
3145		Service Stop/Start, Boom Raise & Lower Switches	0.25 hrs	Tue 16/05/23 08:30	Tue 16/05/23 08:45	3144	K Opelo,T Moalosi
3146		Service Safe Start Circuit & Insure Siren Is Working	0.25 hrs	Tue 16/05/23 08:45	Tue 16/05/23 09:00	3145	K Opelo,T Moalosi
3147		Replace Worn Flexible Cables	0.25 hrs	Tue 16/05/23 09:00	Tue 16/05/23 09:15	3146	K Opelo,T Moalosi
3148		Service Diamond Rail And Cable Carriers	0.5 hrs	Tue 16/05/23 09:15	Tue 16/05/23 09:45	3147	K Opelo,T Moalosi
3149		Replace diamond carrier bearings	0.5 hrs	Tue 16/05/23 09:45	Tue 16/05/23 10:15	3148	K Opelo,T Moalosi
3150		Tighten Motor Connections & Gland Integrity	1.5 hrs	Tue 16/05/23 10:15	Tue 16/05/23 11:45	3149	K Opelo,T Moalosi
3151		Seal For Moisture And Dust.	0.25 hrs	Tue 16/05/23 11:45	Tue 16/05/23 12:00	3150	K Opelo,T Moalosi
3152		Confirm Correct Protection Settings	0.25 hrs	Tue 16/05/23 12:30	Tue 16/05/23 12:45	3151	K Opelo,T Moalosi
3153		Clear Permit	0.25 hrs	Tue 16/05/23 12:45	Tue 16/05/23 13:00	3152	K Opelo,T Moalosi
3154	41A2RX02	BASHSP-0208 - B Rail Truck Loading Machine & Bag Def - Carry Out Maintenance On Electrical Components	5.5 hrs	Tue 16/05/23 13:00	Wed 17/05/23 07:30		
3155		Make Out Permit	0.25 hrs	Tue 16/05/23 13:00	Tue 16/05/23 13:15	3137,3153	Operations
3156		Accept Permit	0.25 hrs	Tue 16/05/23 13:15	Tue 16/05/23 13:30	3155	K Opelo,T Moalosi
3157		Carry out risk assessment	0.25 hrs	Tue 16/05/23 13:30	Tue 16/05/23 13:45	3156	K Opelo,T Moalosi
3158		Carry Out Electrical Isolation	0.25 hrs	Tue 16/05/23 13:45	Tue 16/05/23 14:00	3157	K Opelo,T Moalosi
3159		Check Loose Connections In The Panel	0.25 hrs	Tue 16/05/23 14:00	Tue 16/05/23 14:15	3158	K Opelo,T Moalosi
3160		Service Panel Components & Clear Dust	0.25 hrs	Tue 16/05/23 14:15	Tue 16/05/23 14:30	3159	K Opelo,T Moalosi
3161		Service Stop/Start, Boom Raise & Lower Switches	0.25 hrs	Tue 16/05/23 14:30	Tue 16/05/23 14:45	3160	K Opelo,T Moalosi
3162		Service Safe Start Circuit & Insure Siren Is Working	0.25 hrs	Tue 16/05/23 14:45	Tue 16/05/23 15:00	3161	K Opelo,T Moalosi
3163		Replace Worn Flexible Cables	0.25 hrs	Tue 16/05/23 15:00	Tue 16/05/23 15:15	3162	K Opelo,T Moalosi
3164		Service Diamond Rail And Cable Carriers	0.5 hrs	Tue 16/05/23 15:15	Tue 16/05/23 15:45	3163	K Opelo,T Moalosi
3165		Replace diamond carrier bearings	0.5 hrs	Tue 16/05/23 15:45	Tue 16/05/23 16:15	3164	K Opelo,T Moalosi
3166		Tighten Motor Connections & Gland Integrity	1.5 hrs	Tue 16/05/23 16:15	Tue 16/05/23 17:45	3165	K Opelo,T Moalosi
3167		Seal For Moisture And Dust.	0.25 hrs	Tue 16/05/23 17:45	Tue 16/05/23 18:00	3166	K Opelo,T Moalosi
3168		Confirm Correct Protection Settings	0.25 hrs	Wed 17/05/23 07:00	Wed 17/05/23 07:15	3167	K Opelo,T Moalosi
3169		Clear Permit	0.25 hrs	Wed 17/05/23 07:15	Wed 17/05/23 07:30	3168	K Opelo,T Moalosi
3170	41C2	COARSE & MILLED SALT BAGGING	195.5 hrs	Wed 03/05/23 06:30	Sun 21/05/23 12:00		
3171		OPERATIONS	58 hrs	Wed 03/05/23 06:30	Mon 08/05/23 11:00		
3172		BASHSP-0209 - Plant stoppage	8 hrs	Wed 03/05/23 06:30	Wed 03/05/23 15:30		
3173		Stop feed	0 hrs	Wed 03/05/23 06:30	Wed 03/05/23 06:30	6	
3174		Run plant empty	8 hrs	Wed 03/05/23 07:00	Wed 03/05/23 15:30	3173,7SS	
3175		BASHSP-0210 - Cleaning	50 hrs	Wed 03/05/23 15:30	Mon 08/05/23 11:00		Operations
3176		General Cleaning	50 hrs	Wed 03/05/23 15:30	Mon 08/05/23 11:00	3174	Operations
3177		MECHANICAL	195.5 hrs	Wed 03/05/23 06:30	Sun 21/05/23 12:00		
3178	41B2RE01	BASHSP-0211 - # Stockpile feed conveyor - Carry Out Inspection	33 hrs	Wed 03/05/23 06:30	Fri 05/05/23 18:30		
3179		Fabricate chute prior	0 hrs	Wed 03/05/23 06:30	Wed 03/05/23 06:30	6	Fab. Workshop
3180		Make up permit	0.25 hrs	Wed 03/05/23 09:00	Wed 03/05/23 09:15	3179,7	Operations
3181		Accept permit	0.25 hrs	Wed 03/05/23 09:15	Wed 03/05/23 09:30	3180	K Machenge
3182		Carry out risk assessment	0.25 hrs	Wed 03/05/23 09:30	Wed 03/05/23 09:45	3181	K Machenge
3183		Lift counterweight	1 hr	Wed 03/05/23 09:45	Wed 03/05/23 10:45	3182	Riggers,M_Crane35T
3184		Remove pulleys for lagging	4 hrs	Wed 03/05/23 10:45	Wed 03/05/23 15:15	3183	Fitters,M_Crane35T
3185		Replace bearings	8 hrs	Wed 03/05/23 15:15	Thu 04/05/23 11:45	3184	K Machenge
3186		Inspect conveyor and repair splicing	4 hrs	Thu 04/05/23 11:45	Thu 04/05/23 16:15	3185	K Machenge
3187		Replace seized idlers	6 hrs	Thu 04/05/23 16:15	Fri 05/05/23 10:45	3186	K Machenge
3188		Replace drive v-belts	1 hr	Fri 05/05/23 10:45	Fri 05/05/23 11:45	3187	K Machenge
3189		Drain, flush and fill oil	1 hr	Fri 05/05/23 11:45	Fri 05/05/23 13:15	3188	K Machenge
3190		Install pulleys after lagging	4 hrs	Fri 05/05/23 13:15	Fri 05/05/23 17:15	3189	K Machenge
3191		Drop counterweight	1 hr	Fri 05/05/23 17:15	Fri 05/05/23 18:15	3190	Riggers,M_Crane35T
3192		Clear permit	0.25 hrs	Fri 05/05/23 18:15	Fri 05/05/23 18:30	3191	Operations,K Machenge



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
3193	41B2RX01	BASHSP-0212 - # Twin boom stacker - Carry Out Inspection	52 hrs	Fri 05/05/23 14:15	Wed 10/05/23 13:15		
3194		Make up permit	0.25 hrs	Fri 05/05/23 14:15	Fri 05/05/23 14:30	1962	Operations
3195		Accept permit	0.25 hrs	Fri 05/05/23 14:30	Fri 05/05/23 14:45	3194	K Machenge
3196		Carry out risk assessment	0.25 hrs	Fri 05/05/23 14:45	Fri 05/05/23 15:00	3195	K Machenge
3197		Drop boom(north)	1 hr	Fri 05/05/23 15:00	Fri 05/05/23 16:00	3196	Riggers,M_Crane35T
3198		Repair structure	12 hrs	Fri 05/05/23 16:00	Sat 06/05/23 17:00	3197	Boilermakers
3199		Align wheels	12 hrs	Sat 06/05/23 17:00	Mon 08/05/23 07:30	3198	Boilermakers,Riggers
3200		Replace conveyor	8 hrs	Mon 08/05/23 07:30	Mon 08/05/23 16:00	3199	Contractor
3201		Replace bearings	8 hrs	Mon 08/05/23 16:00	Tue 09/05/23 13:30	3200	K Machenge
3202		Replace skirting	2 hrs	Tue 09/05/23 13:30	Tue 09/05/23 15:30	3201	K Machenge
3203		Replace seized idlers	4 hrs	Tue 09/05/23 15:30	Wed 10/05/23 08:30	3202	K Machenge
3204		Drain, flush and fill up oil	2 hrs	Wed 10/05/23 08:30	Wed 10/05/23 10:30	3203	K Machenge
3205		Tension conveyor	1 hr	Wed 10/05/23 10:30	Wed 10/05/23 11:30	3204	K Machenge
3206		Lift up boom	1 hr	Wed 10/05/23 11:30	Wed 10/05/23 13:00	3205	Riggers,M_Crane35T
3207		Clear permit	0.25 hrs	Wed 10/05/23 13:00	Wed 10/05/23 13:15	3206	Operations,K Machenge
3208		BASHSP-0213 - Twin Boom Discharge Chute - Install chute	77 hrs	Wed 03/05/23 09:00	Wed 10/05/23 11:00		
3209		Transport chute to site (prior)	0 hrs	Wed 03/05/23 09:00	Wed 03/05/23 09:00	7	K Fanyane,K Bontsibokae,O Manere,R Seloi,A Omphile
3210		Issue Permit To Work	0.25 hrs	Sat 06/05/23 07:00	Sat 06/05/23 07:15	3209,3194	
3211		Accept permit	0.25 hrs	Sat 06/05/23 07:15	Sat 06/05/23 07:30	3210	K Fanyane,K Bontsibokae,O Manere,R Seloi,A Omphile
3212		Carry out risk assessment	0.25 hrs	Sat 06/05/23 07:30	Sat 06/05/23 07:45	3211	All
3213		Cut out bolts	4 hrs	Sat 06/05/23 07:45	Sat 06/05/23 11:45	3212	K Fanyane,R Seloi
3214		Remove top cover	4 hrs	Sat 06/05/23 11:45	Sat 06/05/23 16:15	3213	K Fanyane,K Bontsibokae,O Manere,R Seloi,A Omphile
3215		Cut out old chute	4 hrs	Sat 06/05/23 16:15	Sun 07/05/23 09:15	3214	K Fanyane,R Seloi
3216		Rig out old chute	4 hrs	Sun 07/05/23 09:15	Sun 07/05/23 13:45	3215	A Omphile,K Bontsibokae,O Manere
3217		Surface preparations	2 hrs	Sun 07/05/23 13:45	Sun 07/05/23 15:45	3216	K Fanyane,R Seloi
3218		Rig in new chute	4 hrs	Sun 07/05/23 15:45	Mon 08/05/23 08:45	3217	A Omphile,K Bontsibokae,O Manere
3219		Position/align chute	8 hrs	Mon 08/05/23 08:45	Mon 08/05/23 17:15	3218	K Fanyane,K Bontsibokae,O Manere,R Seloi,A Omphile
3220		Bolt up new chute	4 hrs	Mon 08/05/23 17:15	Tue 09/05/23 10:15	3219	Fitter
3221		Weld chute in position	8 hrs	Tue 09/05/23 10:15	Wed 10/05/23 07:45	3220	Welder
3222		Quality check	1 hr	Wed 10/05/23 07:45	Wed 10/05/23 08:45	3221	Foreman
3223		Housekeeping	2 hrs	Wed 10/05/23 08:45	Wed 10/05/23 10:45	3222	All
3224		Clear permit	0.25 hrs	Wed 10/05/23 10:45	Wed 10/05/23 11:00	3223	Ops
3225	41B2RE06	BASHSP-0214 - # A Bagged Salt Belt Conveyor (Fine) - Carry Out Inspection	23.5 hrs	Fri 05/05/23 14:00	Sun 07/05/23 16:00		
3226		Fabricate conveyor beds (prior) -stainless steel - 6mm	0 hrs	Fri 05/05/23 14:00	Fri 05/05/23 14:00	1576	K Fanyane,R Seloi
3227		Clean Conveyor	0.25 hrs	Fri 05/05/23 14:00	Fri 05/05/23 14:15	3226	Operations
3228		Make Up Permit	0.25 hrs	Fri 05/05/23 14:00	Fri 05/05/23 14:15	1576	Operations
3229		Accept Permit	0.25 hrs	Fri 05/05/23 14:15	Fri 05/05/23 14:30	3228	K Machenge,M Basisi
3230		Carry out risk assessment	0.25 hrs	Fri 05/05/23 14:30	Fri 05/05/23 14:45	3229	K Machenge,M Basisi
3231		Remove and replace gearbox	6 hrs	Fri 05/05/23 14:45	Sat 06/05/23 09:15	3230	K Machenge,M Basisi
3232		Drain, Flush& Refill gearbox Oil	0.5 hrs	Sat 06/05/23 09:15	Sat 06/05/23 09:45	3231	K Machenge,M Basisi
3233		Inspect the pulleys (2off) for lagging	2 hrs	Sat 06/05/23 09:45	Sat 06/05/23 11:45	3232	K Machenge,M Basisi
3234		Lag the pulleys (2off)	4 hrs	Sat 06/05/23 11:45	Sat 06/05/23 16:15	3233	K Machenge,M Basisi
3235		Install the pulleys (2off)	2 hrs	Sat 06/05/23 16:15	Sun 07/05/23 07:15	3234	K Machenge,M Basisi
3236		Replace conveyor belts	6 hrs	Sun 07/05/23 07:15	Sun 07/05/23 13:45	3235	K Machenge,M Basisi
3237		Lubricate All The Bearings (Replace If Worn)	2 hrs	Sun 07/05/23 13:45	Sun 07/05/23 15:45	3236	K Machenge,M Basisi
3238		Clear Permit	0.25 hrs	Sun 07/05/23 15:45	Sun 07/05/23 16:00	3237	K Machenge,M Basisi
3239	41B2RE07	BASHSP-0215 - #A Sewing Belt Conveyor (Fine) - Carry Out Inspection	47.25 hrs	Fri 05/05/23 14:00	Wed 10/05/23 07:45		
3240		Fabricate conveyor beds (prior) -stainless steel - 6mm	0 hrs	Fri 05/05/23 14:00	Fri 05/05/23 14:00	3226	K Fanyane,R Seloi
3241		Clean Conveyor	0.25 hrs	Sun 07/05/23 16:00	Sun 07/05/23 16:15	3240,3174,3	Operations
3242		Make Up Permit	0.25 hrs	Sun 07/05/23 16:15	Sun 07/05/23 16:30	3241,3228SS	Operations
3243		Accept Permit	0.25 hrs	Sun 07/05/23 16:30	Sun 07/05/23 16:45	3242	K Machenge,M Basisi
3244		Carry out risk assessment	0.25 hrs	Sun 07/05/23 16:45	Sun 07/05/23 17:00	3243	K Machenge,M Basisi
3245		Remove and replace gearbox	6 hrs	Sun 07/05/23 17:00	Mon 08/05/23 12:00	3244	K Machenge,M Basisi



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
3246		Drain, Flush& Refill Gearbox Oil	0.5 hrs	Mon 08/05/23 12:30	Mon 08/05/23 13:00	3245	K Machenge,M Basisi
3247		Remove the pulleys (2off) for lagging	2 hrs	Mon 08/05/23 13:00	Mon 08/05/23 15:00	3246	K Machenge,M Basisi
3248		Lag the pulleys (2off)with normal lagging	4 hrs	Mon 08/05/23 15:00	Tue 09/05/23 08:00	3247	K Machenge,M Basisi
3249		Install the pulleys (2off)	2 hrs	Tue 09/05/23 08:00	Tue 09/05/23 10:00	3248	K Machenge,M Basisi
3250		Replace conveyor belts	6 hrs	Tue 09/05/23 10:00	Tue 09/05/23 16:30	3249	K Machenge,M Basisi
3251		Lubricate All The Bearings (Replace If Worn)	2 hrs	Tue 09/05/23 16:30	Wed 10/05/23 07:30	3250	K Machenge,M Basisi
3252		Clear Permit	0.25 hrs	Wed 10/05/23 07:30	Wed 10/05/23 07:45	3251	K Machenge,M Basisi
3253	41B2RE08	BASHSP-0216 - # A Conveyor With Tilting Device (Fine) - Carry Out Inspection	63.75 hrs	Fri 05/05/23 14:00	Thu 11/05/23 14:15		
3254		Fabricate conveyor beds (prior) -stainless steel - 6mm	0 hrs	Fri 05/05/23 14:00	Fri 05/05/23 14:00	3240	K Fanyane,R Seloi
3255		Clean Conveyor	0 hrs	Wed 10/05/23 07:45	Wed 10/05/23 07:45	3254,3174,3	Operations
3256		Make Up Permit	0.25 hrs	Wed 10/05/23 07:45	Wed 10/05/23 08:00	3255,324255	Operations
3257		Accept Permit	0.25 hrs	Wed 10/05/23 08:00	Wed 10/05/23 08:15	3256	K Machenge,M Basisi
3258		Carry out risk assessment	0.25 hrs	Wed 10/05/23 08:15	Wed 10/05/23 08:30	3257	K Machenge,M Basisi
3259		Remove and replace gearbox	6 hrs	Wed 10/05/23 08:30	Wed 10/05/23 15:00	3258	K Machenge,M Basisi
3260		Flush& Refill Gearbox Oil	2 hrs	Wed 10/05/23 15:00	Wed 10/05/23 17:00	3259	K Machenge,M Basisi
3261		Replace belt conveyor	6 hrs	Wed 10/05/23 17:00	Thu 11/05/23 12:00	3260	K Machenge,M Basisi
3262		Lubricate All The Bearings (Replace If Worn)	0.5 hrs	Thu 11/05/23 12:30	Thu 11/05/23 13:00	3261	K Machenge,M Basisi
3263		Check Pulleys	1 hr	Thu 11/05/23 13:00	Thu 11/05/23 14:00	3262	K Machenge,M Basisi
3264		Clear Permit	0.25 hrs	Thu 11/05/23 14:00	Thu 11/05/23 14:15	3263	K Machenge,M Basisi
3265	41B2RE09	BASHSP-0217 - # B Bagged Salt Belt Conveyor (Coarse) - Carry Out Inspection	24.25 hrs	Wed 03/05/23 15:30	Fri 05/05/23 17:45		
3266		Fabricate conveyor beds (prior) -stainless steel - 6mm	0 hrs	Wed 03/05/23 15:30	Wed 03/05/23 15:30	3174	K Fanyane,R Seloi
3267		Clean Conveyor	0.75 hrs	Wed 03/05/23 15:30	Wed 03/05/23 16:15	3266	Operations
3268		Make Up Permit	0.25 hrs	Wed 03/05/23 16:15	Wed 03/05/23 16:30	3267	Operations
3269		Accept Permit	0.25 hrs	Wed 03/05/23 16:30	Wed 03/05/23 16:45	3268	K Machenge,M Basisi
3270		Carry out risk assessment	0.25 hrs	Wed 03/05/23 16:45	Wed 03/05/23 17:00	3269	K Machenge,M Basisi
3271		Remove and replace gearbox	6 hrs	Wed 03/05/23 17:00	Thu 04/05/23 11:30	3270	K Machenge,M Basisi
3272		Drain, Flush& Refill Gearbox Oil	0.5 hrs	Thu 04/05/23 11:30	Thu 04/05/23 12:00	3271	K Machenge,M Basisi
3273		Remove the pulleys (2off) for lagging	2 hrs	Thu 04/05/23 12:30	Thu 04/05/23 14:30	3272	K Machenge,M Basisi
3274		Lag the pulleys (2off)	4 hrs	Thu 04/05/23 14:30	Thu 04/05/23 18:30	3273	K Machenge,M Basisi
3275		Install the pulleys (2off)	2 hrs	Fri 05/05/23 07:00	Fri 05/05/23 09:00	3274	K Machenge,M Basisi
3276		Replace conveyor belts	6 hrs	Fri 05/05/23 09:00	Fri 05/05/23 15:30	3275	K Machenge,M Basisi
3277		Lubricate All The Bearings (Replace If Worn)	2 hrs	Fri 05/05/23 15:30	Fri 05/05/23 17:30	3276	K Machenge,M Basisi
3278		Clear Permit	0.25 hrs	Fri 05/05/23 17:30	Fri 05/05/23 17:45	3277	K Machenge,M Basisi
3279	41B2RE10	BASHSP-0218 - # B Sewing Belt Conveyor (Coarse) - Carry Out Inspection	47.75 hrs	Wed 03/05/23 15:30	Mon 08/05/23 08:45		
3280		Fabricate conveyor beds (prior) -stainless steel - 6mm	0 hrs	Wed 03/05/23 15:30	Wed 03/05/23 15:30	3266	K Fanyane,R Seloi
3281		Clean Conveyor	0 hrs	Fri 05/05/23 17:45	Fri 05/05/23 17:45	3280,3267,3	Operations
3282		Make Up Permit	0.25 hrs	Fri 05/05/23 17:45	Fri 05/05/23 18:00	3281	Operations
3283		Accept Permit	0.25 hrs	Fri 05/05/23 18:00	Fri 05/05/23 18:15	3282	K Machenge,M Basisi
3284		Carry out risk assessment	0.25 hrs	Fri 05/05/23 18:15	Fri 05/05/23 18:30	3283	K Machenge,M Basisi
3285		Remove and replace gearbox	6 hrs	Sat 06/05/23 07:00	Sat 06/05/23 13:30	3284	K Machenge,M Basisi
3286		Drain, Flush& Refill Gearbox Oil	0.5 hrs	Sat 06/05/23 13:30	Sat 06/05/23 14:00	3285	K Machenge,M Basisi
3287		Remove the pulleys (2off) for lagging	2 hrs	Sat 06/05/23 14:00	Sat 06/05/23 16:00	3286	K Machenge,M Basisi
3288		Lag the pulleys (2off)	4 hrs	Sat 06/05/23 16:00	Sun 07/05/23 09:00	3287	K Machenge,M Basisi
3289		Install the pulleys (2off)	2 hrs	Sun 07/05/23 09:00	Sun 07/05/23 11:00	3288	K Machenge,M Basisi
3290		Replace conveyor belts	6 hrs	Sun 07/05/23 11:00	Sun 07/05/23 17:30	3289	K Machenge,M Basisi
3291		Lubricate All The Bearings (Replace If Worn)	2 hrs	Sun 07/05/23 17:30	Mon 08/05/23 08:30	3290	K Machenge,M Basisi
3292		Clear Permit	0.25 hrs	Mon 08/05/23 08:30	Mon 08/05/23 08:45	3291	K Machenge,M Basisi
3293	41B2RE11	BASHSP-0219 - # B Conveyor With Tilting Device (Coarse) - Carry Out Inspection	23.25 hrs	Mon 08/05/23 08:45	Wed 10/05/23 11:00		
3294		Fabricate conveyor beds (prior) -stainless steel - 6mm	0 hrs	Mon 08/05/23 08:45	Mon 08/05/23 08:45	3292	K Fanyane,R Seloi
3295		Clean Conveyor	0 hrs	Mon 08/05/23 08:45	Mon 08/05/23 08:45	3292	Operations
3296		Make Up Permit	0 hrs	Mon 08/05/23 08:45	Mon 08/05/23 08:45	3292	Operations
3297		Accept Permit	0.25 hrs	Mon 08/05/23 08:45	Mon 08/05/23 09:00	3296	K Machenge,M Basisi
3298		Carry out risk assessment	0.25 hrs	Mon 08/05/23 09:00	Mon 08/05/23 09:15	3297	K Machenge,M Basisi



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
3299		Remove and replace gearbox	6 hrs	Mon 08/05/23 09:15	Mon 08/05/23 15:45	3298	K Machenge,M Basisi
3300		Drain, Flush& Refill Gearbox Oil	0.5 hrs	Mon 08/05/23 15:45	Mon 08/05/23 16:15	3299	K Machenge,M Basisi
3301		Remove the pulleys (2off) for lagging	2 hrs	Mon 08/05/23 16:15	Tue 09/05/23 07:15	3300	K Machenge,M Basisi
3302		Lag the pulleys (2off)	4 hrs	Tue 09/05/23 07:15	Tue 09/05/23 11:15	3301	K Machenge,M Basisi
3303		Install the pulleys (2off)	2 hrs	Tue 09/05/23 11:15	Tue 09/05/23 13:45	3302	K Machenge,M Basisi
3304		Replace conveyor belts	6 hrs	Tue 09/05/23 13:45	Wed 10/05/23 08:45	3303	K Machenge,M Basisi
3305		Lubricate All The Bearings (Replace If Worn)	2 hrs	Wed 10/05/23 08:45	Wed 10/05/23 10:45	3304	K Machenge,M Basisi
3306		Clear Permit	0.25 hrs	Wed 10/05/23 10:45	Wed 10/05/23 11:00	3305	K Machenge,M Basisi
3307	41B2RF01	BASHSP-0220 - Mobile Screw - Carry Out Inspection	36.75 hrs	Wed 03/05/23 09:00	Sat 06/05/23 13:15		
3308		Carry Out Cleaning	0 hrs	Wed 03/05/23 09:00	Wed 03/05/23 09:00	7	Operations
3309		Make Out Permit	0.25 hrs	Wed 03/05/23 09:15	Wed 03/05/23 09:30	3308,3180	Operations
3310		Accept Permit	0.25 hrs	Wed 03/05/23 09:30	Wed 03/05/23 09:45	3309	K Machenge,M Basisi
3311		Carry out risk assessment	0.25 hrs	Wed 03/05/23 09:45	Wed 03/05/23 10:00	3310	K Machenge,M Basisi
3312		Remove Drive Guard&Chain	0.5 hrs	Wed 03/05/23 10:00	Wed 03/05/23 10:30	3311	K Machenge,M Basisi
3313		Remove Drive Sprocket	2.5 hrs	Wed 03/05/23 10:30	Wed 03/05/23 13:30	3312	K Machenge,M Basisi
3314		Remove Drive Bearing and Non-drive bearings	2 hrs	Wed 03/05/23 13:30	Wed 03/05/23 15:30	3313	K Machenge,M Basisi
3315		Remove screw for inspection	4 hrs	Wed 03/05/23 15:30	Thu 04/05/23 08:00	3314	K Machenge,M Basisi
3316		Remove and replace geared motor	8 hrs	Thu 04/05/23 08:00	Thu 04/05/23 16:30	3315	K Machenge,M Basisi
3317		Remove Old End Cover	0.5 hrs	Thu 04/05/23 16:30	Thu 04/05/23 17:00	3316	K Machenge,M Basisi
3318		Install screw	6 hrs	Thu 04/05/23 17:00	Fri 05/05/23 11:30	3317	K Machenge,M Basisi,A Omphile,L Kelapile,O Manere
3319		Install New Bearings	6 hrs	Fri 05/05/23 11:30	Fri 05/05/23 18:00	3318	K Machenge,M Basisi
3320		Install Drive Sprocket	2.5 hrs	Fri 05/05/23 18:00	Sat 06/05/23 09:00	3319	K Machenge,M Basisi
3321		Install Drive Chain And Guard	1 hr	Sat 06/05/23 09:00	Sat 06/05/23 10:00	3320	K Machenge,M Basisi
3322		Install End Cover Plate	1.5 hrs	Sat 06/05/23 10:00	Sat 06/05/23 11:30	3321	K Machenge,M Basisi
3323		Install Nde bearing	1 hr	Sat 06/05/23 11:30	Sat 06/05/23 13:00	3322	K Machenge,M Basisi
3324		Clear Permit	0.25 hrs	Sat 06/05/23 13:00	Sat 06/05/23 13:15	3323	K Machenge,M Basisi
3325	41B2RF02	BASHSP-0221 - Milled Salt Trough Chain Conveyor - Carry Out Inspection	47.5 hrs	Mon 08/05/23 08:45	Fri 12/05/23 14:45		
3326		Fabricate new casing (prior)	0 hrs	Mon 08/05/23 08:45	Mon 08/05/23 08:45	3294	K Fanyane,R Selo
3327		Carry Out Cleaning	0 hrs	Mon 08/05/23 08:45	Mon 08/05/23 08:45	3326,3174	Operations
3328		Make Out Permit	0.25 hrs	Mon 08/05/23 08:45	Mon 08/05/23 09:00	3327	Operations
3329		Accept Permit	0.25 hrs	Mon 08/05/23 09:00	Mon 08/05/23 09:15	3328	K Machenge,M Basisi
3330		Carry out risk assessment	0.25 hrs	Mon 08/05/23 09:15	Mon 08/05/23 09:30	3329	K Machenge,M Basisi
3331		Inspect Drag Chain& Replace Bent Flight	12 hrs	Mon 08/05/23 09:30	Tue 09/05/23 11:00	3330	K Machenge,M Basisi
3332		Inspect Bottom, Top Rails& Replace If Necessary	12 hrs	Tue 09/05/23 11:00	Wed 10/05/23 13:00	3331	K Machenge,M Basisi
3333		Open ,Inspect De& Nde Bearings	8 hrs	Wed 10/05/23 13:00	Thu 11/05/23 10:00	3332	K Machenge,M Basisi
3334		Inspect and replace geared unit	6 hrs	Thu 11/05/23 10:00	Thu 11/05/23 16:30	3333	K Machenge,M Basisi
3335		Replace Drive Chain&Sprockets	4 hrs	Thu 11/05/23 16:30	Fri 12/05/23 09:30	3334	K Machenge,M Basisi
3336		Check The Under speed	1 hr	Fri 12/05/23 09:30	Fri 12/05/23 10:30	3335	K Opelo,T Moalosi
3337		Replace Teghlon Sealing Discs On Pulley Shaft	2.5 hrs	Fri 12/05/23 10:30	Fri 12/05/23 13:30	3336	K Machenge,M Basisi
3338		Drain, Flush& Refill Oil	1 hr	Fri 12/05/23 13:30	Fri 12/05/23 14:30	3337	K Machenge,M Basisi
3339		Clear Permit	0.25 hrs	Fri 12/05/23 14:30	Fri 12/05/23 14:45	3338	
3340	41B2RF03	BASHSP-0222 - Coarse Salt Chain Conveyor - Carry Out Yearly Inspection	53.75 hrs	Mon 08/05/23 08:45	Sat 13/05/23 10:00		
3341		Fabricate new casing (prior)	0 hrs	Mon 08/05/23 08:45	Mon 08/05/23 08:45	3326	K Fanyane,R Selo
3342		Carry Out Cleaning	0 hrs	Mon 08/05/23 08:45	Mon 08/05/23 08:45	3341,3327	Operations
3343		Make Out Permit	0.25 hrs	Mon 08/05/23 09:00	Mon 08/05/23 09:15	3342,3328	Operations
3344		Accept Permit	0.25 hrs	Mon 08/05/23 09:15	Mon 08/05/23 09:30	3343	K Machenge,M Basisi
3345		Carry out risk assessment	0.25 hrs	Mon 08/05/23 09:30	Mon 08/05/23 09:45	3344	K Machenge,M Basisi
3346		Replace Drag Chain	12 hrs	Mon 08/05/23 09:45	Tue 09/05/23 11:15	3345	K Machenge,M Basisi
3347		Inspect Bottom& Top Rails & Replace If Necessary	12 hrs	Tue 09/05/23 11:15	Wed 10/05/23 13:15	3346	K Machenge,M Basisi
3348		Weld In Chain Link Pins	2.5 hrs	Wed 10/05/23 13:15	Wed 10/05/23 15:45	3347	K Machenge,M Basisi
3349		Replace geared unit	12 hrs	Wed 10/05/23 15:45	Thu 11/05/23 17:15	3348	K Machenge,M Basisi
3350		Replace De&Nde Bearings	6 hrs	Thu 11/05/23 17:15	Fri 12/05/23 12:45	3349	K Machenge,M Basisi
3351		Replace Drive Chain&Sprockets	4 hrs	Fri 12/05/23 12:45	Fri 12/05/23 16:45	3350	K Opelo,T Moalosi



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
3352		Replace Teghlon Sealing Discs On Pulley Shaft	2.5 hrs	Fri 12/05/23 16:45	Sat 13/05/23 08:15	3351	K Machenge,M Basisi
3353		Drain Out And Top Up Oil	0.5 hrs	Sat 13/05/23 08:15	Sat 13/05/23 08:45	3352	K Machenge,M Basisi
3354		Check The Under speed	1 hr	Sat 13/05/23 08:45	Sat 13/05/23 09:45	3353	K Opelo,T Moalosi
3355		Clear Permit	0.25 hrs	Sat 13/05/23 09:45	Sat 13/05/23 10:00	3354	K Machenge,M Basisi
3356	41B2RL01	BASHSP-0223 - Double Metering Screw A (Coarse) - Carry Out Inspection	13.5 hrs	Mon 08/05/23 08:45	Tue 09/05/23 11:45		
3357		Fabricate screws (prior)	0 hrs	Mon 08/05/23 08:45	Mon 08/05/23 08:45	3341,3228	K Fanyane,R Selo
3358		Clean Conveyor	0 hrs	Mon 08/05/23 08:45	Mon 08/05/23 08:45	3357,3342	Operations
3359		Make Up Permit	0.25 hrs	Mon 08/05/23 08:45	Mon 08/05/23 09:00	3358	Operations
3360		Accept Permit	0.25 hrs	Mon 08/05/23 09:00	Mon 08/05/23 09:15	3359	K Machenge,M Basisi
3361		Carry out risk assessment	0.25 hrs	Mon 08/05/23 09:15	Mon 08/05/23 09:30	3360	K Machenge,M Basisi
3362		Check Gearbox Oil And Replace	2 hrs	Mon 08/05/23 09:30	Mon 08/05/23 11:30	3361	K Machenge,M Basisi
3363		Verify gearbox output speed&chain sprockets ratios	3 hrs	Mon 08/05/23 11:30	Mon 08/05/23 15:00	3362	Reliability
3364		Replace drive Chains	1 hr	Mon 08/05/23 15:00	Mon 08/05/23 16:00	3363	K Machenge,M Basisi
3365		Tension Chains	2 hrs	Mon 08/05/23 16:00	Mon 08/05/23 18:00	3364	K Machenge,M Basisi
3366		Inspect or replace sprocket teeth and align Chains	2 hrs	Tue 09/05/23 07:00	Tue 09/05/23 09:00	3365	K Machenge,M Basisi
3367		Replace Guards	0.5 hrs	Tue 09/05/23 09:00	Tue 09/05/23 09:30	3366	K Machenge,M Basisi
3368		Replace Bearings	2 hrs	Tue 09/05/23 09:30	Tue 09/05/23 11:30	3367	K Machenge,M Basisi
3369		Clear Permit	0.25 hrs	Tue 09/05/23 11:30	Tue 09/05/23 11:45	3368	K Machenge,M Basisi
3370	41B2RL02	BASHSP-0224 - Double Metering Screw B (Coarse) - Carry Out Inspection	29 hrs	Mon 08/05/23 08:45	Wed 10/05/23 17:15		
3371		Fabricate screws (prior)	0 hrs	Mon 08/05/23 08:45	Mon 08/05/23 08:45	3357	K Fanyane,R Selo
3372		Clean Conveyor	0 hrs	Mon 08/05/23 08:45	Mon 08/05/23 08:45	3371	Operations
3373		Make Up Permit	0.25 hrs	Tue 09/05/23 11:45	Tue 09/05/23 12:00	3372,3369	Operations
3374		Accept Permit	0.25 hrs	Tue 09/05/23 12:30	Tue 09/05/23 12:45	3373	K Machenge,M Basisi
3375		Carry out risk assessment	0.25 hrs	Tue 09/05/23 12:45	Tue 09/05/23 13:00	3374	K Machenge,M Basisi
3376		Check Gearbox Oil And Replace	2 hrs	Tue 09/05/23 13:00	Tue 09/05/23 15:00	3375	K Machenge,M Basisi
3377		Verify gearbox output speed&chain sprockets ratios	3 hrs	Tue 09/05/23 15:00	Tue 09/05/23 18:00	3376	Reliability
3378		Replace drive Chains	1 hr	Wed 10/05/23 07:00	Wed 10/05/23 08:00	3377	K Machenge,M Basisi
3379		Tension Chains	2 hrs	Wed 10/05/23 08:00	Wed 10/05/23 10:00	3378	K Machenge,M Basisi
3380		Inspect or replace sprocket teeth and align Chains	2 hrs	Wed 10/05/23 10:00	Wed 10/05/23 12:00	3379	K Machenge,M Basisi
3381		Replace Guards	0.5 hrs	Wed 10/05/23 12:30	Wed 10/05/23 13:00	3380	K Machenge,M Basisi
3382		Replace Bearings	2 hrs	Wed 10/05/23 13:00	Wed 10/05/23 15:00	3381	K Machenge,M Basisi
3383		Inspect screw flights	2 hrs	Wed 10/05/23 15:00	Wed 10/05/23 17:00	3382	K Machenge,M Basisi
3384		Clear Permit	0.25 hrs	Wed 10/05/23 17:00	Wed 10/05/23 17:15	3383	K Machenge,M Basisi
3385	41B2RL03	BASHSP-0226 - Double Metering Screw C (Coarse) - Carry Out Inspection	45.25 hrs	Mon 08/05/23 08:45	Fri 12/05/23 12:00		
3386		Fabricate screws (prior)	0 hrs	Mon 08/05/23 08:45	Mon 08/05/23 08:45	3371	K Fanyane,R Selo
3387		Clean Conveyor	0 hrs	Wed 10/05/23 17:15	Wed 10/05/23 17:15	3386,3384	Operations
3388		Make Up Permit	0.25 hrs	Wed 10/05/23 17:15	Wed 10/05/23 17:30	3387,3373	Operations
3389		Accept Permit	0.25 hrs	Wed 10/05/23 17:30	Wed 10/05/23 17:45	3388	K Machenge,M Basisi
3390		Carry out risk assessment	0.25 hrs	Wed 10/05/23 17:45	Wed 10/05/23 18:00	3389	K Machenge,M Basisi
3391		Check Gearbox Oil And Replace	2 hrs	Thu 11/05/23 07:00	Thu 11/05/23 09:00	3390	K Machenge,M Basisi
3392		Verify gearbox output speed&chain sprockets ratios	3 hrs	Thu 11/05/23 09:00	Thu 11/05/23 12:00	3391	Reliability
3393		Replace drive Chains	1 hr	Thu 11/05/23 12:30	Thu 11/05/23 13:30	3392	K Machenge,M Basisi
3394		Tension Chains	2 hrs	Thu 11/05/23 13:30	Thu 11/05/23 15:30	3393	K Machenge,M Basisi
3395		Inspect or replace sprocket teeth and align Chains	2 hrs	Thu 11/05/23 15:30	Thu 11/05/23 17:30	3394	K Machenge,M Basisi
3396		Replace Guards	0.5 hrs	Thu 11/05/23 17:30	Thu 11/05/23 18:00	3395	K Machenge,M Basisi
3397		Replace Bearings	2 hrs	Fri 12/05/23 07:00	Fri 12/05/23 09:00	3396	K Machenge,M Basisi
3398		Clear Permit	0.25 hrs	Fri 12/05/23 09:00	Fri 12/05/23 09:15	3397	K Machenge,M Basisi
3399		Replace Guards	0.5 hrs	Fri 12/05/23 09:15	Fri 12/05/23 09:45	3398	K Machenge,M Basisi
3400		Lubricate All Bearings	2 hrs	Fri 12/05/23 09:45	Fri 12/05/23 11:45	3399	K Machenge,M Basisi
3401		Clear Permit	0.25 hrs	Fri 12/05/23 11:45	Fri 12/05/23 12:00	3400	K Machenge,M Basisi
3402	41C2BR01	BASHSP-0226 - Dust Extraction - Inspect And Replace Pipe Section	104.75 hrs	Mon 08/05/23 08:45	Thu 18/05/23 08:30		
3403		Fabricate new pipes (prior)	0 hrs	Mon 08/05/23 08:45	Mon 08/05/23 08:45	3386	K Fanyane,R Selo
3404		Erect Scaffold	0 hrs	Wed 10/05/23 17:15	Wed 10/05/23 17:15	3403,3387	RSC



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
3405		Make Out Permit	0.25 hrs	Wed 10/05/23 17:30	Wed 10/05/23 17:45	3404,3388	Operations
3406		Accept Permit	0.25 hrs	Wed 10/05/23 17:45	Wed 10/05/23 18:00	3405	K Machenge,M Basisi
3407		Carry out risk assessment	0.25 hrs	Thu 11/05/23 07:00	Thu 11/05/23 07:15	3406	K Machenge,M Basisi
3408		Undo flange bolts(all pipes)	4 hrs	Thu 11/05/23 07:15	Thu 11/05/23 11:15	3407	K Machenge,M Basisi
3409		Rig Pipes Down	2 hrs	Thu 11/05/23 11:15	Thu 11/05/23 13:45	3408	A Omphile,L Kelapile,O Manere
3410		Clean Pipes	51.5 hrs	Thu 11/05/23 13:45	Tue 16/05/23 12:45	3409	Operations
3411		Rig Up Pipes	6 hrs	Tue 16/05/23 12:45	Wed 17/05/23 07:45	3410	A Omphile,L Kelapile,O Manere
3412		Box Up	3 hrs	Wed 17/05/23 07:45	Wed 17/05/23 10:45	3411	K Machenge,M Basisi
3413		Dismantle Scaffold	8 hrs	Wed 17/05/23 10:45	Thu 18/05/23 08:15	3412	RSC
3414		Clear Permit	0.25 hrs	Thu 18/05/23 08:15	Thu 18/05/23 08:30	3413	K Machenge,M Basisi
3415	41C2BR01	BASHSP-0227 - Dust Extraction Scrubber - Inspect& Repair	48.5 hrs	Mon 08/05/23 08:45	Fri 12/05/23 15:45		
3416		Fabricate discharge pipe (prior)	0 hrs	Mon 08/05/23 08:45	Mon 08/05/23 08:45	3403	K Fanyane,R Selo
3417		Make Out Permit	0.25 hrs	Wed 10/05/23 17:45	Wed 10/05/23 18:00	3416,3405	Operations
3418		Accept Permit	0.25 hrs	Thu 11/05/23 07:00	Thu 11/05/23 07:15	3417	K Machenge,M Basisi
3419		Carry out risk assessment	0.25 hrs	Thu 11/05/23 07:15	Thu 11/05/23 07:30	3418	K Machenge,M Basisi
3420		Open manhole covers	2 hrs	Thu 11/05/23 07:30	Thu 11/05/23 09:30	3419	K Machenge,M Basisi
3421		Clean scrubber	8 hrs	Thu 11/05/23 09:30	Thu 11/05/23 18:00	3420	Operations
3422		Check and repair spray noozles	2 hrs	Fri 12/05/23 07:00	Fri 12/05/23 09:00	3421	K Machenge,M Basisi
3423		Connect discharge pipe (eliminate use of pump)	2 hrs	Fri 12/05/23 09:00	Fri 12/05/23 11:00	3422	A Omphile,K Machenge,L Kelapile,M Basisi,O Manere
3424		Box Up	4 hrs	Fri 12/05/23 11:00	Fri 12/05/23 15:30	3423	K Machenge,M Basisi
3425		Clear Permit	0.25 hrs	Fri 12/05/23 15:30	Fri 12/05/23 15:45	3424	K Machenge,M Basisi
3426	41C2FS01	BASHSP-0228 - Salt Bagging Silo Fine Salt - Carry Out Inspection	85.25 hrs	Mon 08/05/23 08:45	Tue 16/05/23 10:00		
3427		Fabricate knife gate (prior)	0 hrs	Mon 08/05/23 08:45	Mon 08/05/23 08:45	3416	K Fanyane,R Selo
3428		Make Out Permit	0.25 hrs	Fri 12/05/23 07:00	Fri 12/05/23 07:15	3427,3416	Operations
3429		Accept Permit	0.25 hrs	Fri 12/05/23 07:15	Fri 12/05/23 07:30	3428	Operations
3430		Carry out risk assessment	0.25 hrs	Fri 12/05/23 07:30	Fri 12/05/23 07:45	3429	K Machenge,M Basisi
3431		Clean silo	4.5 hrs	Fri 12/05/23 07:45	Fri 12/05/23 12:45	3430	Operations
3432		Inspect internally	0.5 hrs	Fri 12/05/23 12:45	Fri 12/05/23 13:15	3431	Pius,D Zambo
3433		Remove Slide Gate	2 hrs	Fri 12/05/23 13:15	Fri 12/05/23 15:15	3432	K Machenge,M Basisi
3434		Replace Bellow	4 hrs	Fri 12/05/23 15:15	Sat 13/05/23 08:15	3433	K Machenge,M Basisi
3435		Replace Slide Gate	2 hrs	Sat 13/05/23 08:15	Sat 13/05/23 10:15	3434	K Machenge,M Basisi
3436		Clean Chinaman's hat	7 hrs	Sat 13/05/23 10:15	Sat 13/05/23 17:45	3435	Operations
3437		Remove Chinaman's hat	12 hrs	Sat 13/05/23 17:45	Mon 15/05/23 08:15	3436	K Machenge,M Basisi,A Omphile,L Kelapile,O Manere
3438		Replace Chinaman's hat	12 hrs	Mon 15/05/23 08:15	Tue 16/05/23 09:45	3437	K Machenge,M Basisi,A Omphile,L Kelapile,O Manere
3439		Clear Permit	0.25 hrs	Tue 16/05/23 09:45	Tue 16/05/23 10:00	3438	K Machenge,M Basisi
3440	41C2FS02	BASHSP-0229 - Salt Bagging Coarse Silo - Carry Out Inspection	94.25 hrs	Mon 08/05/23 08:45	Wed 17/05/23 08:30		
3441		Fabricate cone with stainless steel cone (prior)	0 hrs	Mon 08/05/23 08:45	Mon 08/05/23 08:45	3427	K Fanyane,R Selo
3442		Make Out Permit	0.25 hrs	Thu 11/05/23 07:00	Thu 11/05/23 07:15	3441,3417	Operations
3443		Accept Permit	0.25 hrs	Thu 11/05/23 07:15	Thu 11/05/23 07:30	3442	K Machenge,M Basisi
3444		Clean silo	4 hrs	Thu 11/05/23 07:30	Thu 11/05/23 11:30	3443	K Machenge,M Basisi
3445		Carry out risk assessment	0.25 hrs	Thu 11/05/23 11:30	Thu 11/05/23 11:45	3444	K Machenge,M Basisi
3446		Inspect internally	0.5 hrs	Thu 11/05/23 11:45	Thu 11/05/23 12:45	3445	Pius,D Zambo
3447		Possible repairs	3 hrs	Thu 11/05/23 12:45	Thu 11/05/23 15:45	3446	K Machenge,M Basisi
3448		Remove Slide Gate	2 hrs	Thu 11/05/23 15:45	Thu 11/05/23 17:45	3447	K Machenge,M Basisi
3449		Replace Bellow	4 hrs	Thu 11/05/23 17:45	Fri 12/05/23 10:45	3448	K Machenge,M Basisi
3450		Replace Slide Gate	2 hrs	Fri 12/05/23 10:45	Fri 12/05/23 13:15	3449	K Machenge,M Basisi
3451		Remove Chinaman's hat	12 hrs	Fri 12/05/23 13:15	Sat 13/05/23 14:45	3450	K Machenge,M Basisi,A Omphile,L Kelapile,O Manere
3452		Replace Chinaman's hat	12 hrs	Sat 13/05/23 14:45	Sun 14/05/23 16:15	3451	K Machenge,M Basisi,A Omphile,L Kelapile,O Manere
3453		Replace mild steel cone with stainless steel cone	24 hrs	Sun 14/05/23 16:15	Wed 17/05/23 08:15	3452	K Machenge,M Basisi
3454		Clear Permit	0.25 hrs	Wed 17/05/23 08:15	Wed 17/05/23 08:30	3453	K Machenge,M Basisi
3455	41B2RP01	BASHSP-0230 - Fines Salt Bucket Elevator - Carry out inspection	64.5 hrs	Wed 03/05/23 15:30	Tue 09/05/23 15:30		
3456		Carry Out Cleaning	0 hrs	Wed 03/05/23 15:30	Wed 03/05/23 15:30	3174	Operations
3457		Erect Scaffold	0 hrs	Wed 03/05/23 15:30	Wed 03/05/23 15:30	3456	RSC

		Botash Project - Salt Plant - Final schedule for approval_20 April 2023						Rev 05 Drafted by: Botash Maint Planner
ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names	
3458		Make Out Permit	0.25 hrs	Fri 05/05/23 14:30	Fri 05/05/23 14:45	3457,3194	Operations	
3459		Accept Permit	0.25 hrs	Fri 05/05/23 14:45	Fri 05/05/23 15:00	3458	K Machenge,M Basisi	
3460		Carry out risk assessment	0.25 hrs	Fri 05/05/23 15:00	Fri 05/05/23 15:15	3459	K Machenge,M Basisi	
3461		Remove Inspection Cover	0.5 hrs	Fri 05/05/23 15:15	Fri 05/05/23 15:45	3460	K Machenge,M Basisi	
3462		Inspect Both Pulleys For Wear	1 hr	Fri 05/05/23 15:45	Fri 05/05/23 16:45	3461	K Machenge,M Basisi	
3463		Inspect or replace carrier belt	12 hrs	Fri 05/05/23 16:45	Sat 06/05/23 17:45	3462	K Machenge,M Basisi,A Omphile,L Kelapile,O Manere	
3464		Inspect or replace worn out buckets	12 hrs	Sat 06/05/23 17:45	Mon 08/05/23 08:15	3463	K Machenge,M Basisi	
3465		Cut Out Adjusting Bolts	1 hr	Mon 08/05/23 08:15	Mon 08/05/23 09:15	3464	K Machenge,M Basisi	
3466		Replace Adjusting Bolts	1 hr	Mon 08/05/23 09:15	Mon 08/05/23 10:15	3465	K Machenge,M Basisi	
3467		Replace Teflon Sealing Discs On Pulley Shaft	2 hrs	Mon 08/05/23 10:15	Mon 08/05/23 12:45	3466	K Machenge,M Basisi	
3468		Inspect All Bearings& Replace If Necessary	6 hrs	Mon 08/05/23 12:45	Tue 09/05/23 07:45	3467	K Machenge,M Basisi	
3469		Replace Inspection Cover	0.5 hrs	Tue 09/05/23 07:45	Tue 09/05/23 08:15	3468	K Machenge,M Basisi	
3470		Inspect or replace gearbox motor	4 hrs	Tue 09/05/23 08:15	Tue 09/05/23 12:45	3469	K Machenge,M Basisi	
3471		Replace Gearbox oil	2 hrs	Tue 09/05/23 12:45	Tue 09/05/23 14:45	3470	K Machenge,M Basisi	
3472		Clear Permit	0.25 hrs	Tue 09/05/23 14:45	Tue 09/05/23 15:00	3471	K Machenge,M Basisi	
3473		Dismantle Scaffold	0.5 hrs	Tue 09/05/23 15:00	Tue 09/05/23 15:30	3472	RSC	
3474	41B2RP02	BASHSP-0231 - Coarse Salt Bucket Elevator - Carry out inspection	76.25 hrs	Wed 03/05/23 15:30	Wed 10/05/23 16:45			
3475		Carry Out Cleaning	0 hrs	Wed 03/05/23 15:30	Wed 03/05/23 15:30	3174	Operations	
3476		Erect Scaffold	0 hrs	Wed 03/05/23 15:30	Wed 03/05/23 15:30	3475,3457	RSC	
3477		Make Out Permit	0.25 hrs	Fri 05/05/23 14:45	Fri 05/05/23 15:00	3476,3458	Operations	
3478		Accept Permit	0.25 hrs	Fri 05/05/23 15:00	Fri 05/05/23 15:15	3477	K Machenge,M Basisi	
3479		Carry out risk assessment	0.25 hrs	Fri 05/05/23 15:15	Fri 05/05/23 15:30	3478	K Machenge,M Basisi	
3480		Inspect or replace carrier belt if necessary	12 hrs	Fri 05/05/23 15:30	Sat 06/05/23 16:30	3479	K Machenge,M Basisi	
3481		Install new carrier belt	12 hrs	Sat 06/05/23 16:30	Sun 07/05/23 18:00	3480	K Machenge,M Basisi	
3482		Remove Inspection Cover	0.5 hrs	Mon 08/05/23 07:00	Mon 08/05/23 07:30	3481	K Machenge,M Basisi	
3483		Inspect Both Pulleys For Wear	1 hr	Mon 08/05/23 07:30	Mon 08/05/23 08:30	3482	K Machenge,M Basisi	
3484		Cut Out Adjusting Bolts	1 hr	Mon 08/05/23 08:30	Mon 08/05/23 09:30	3483	K Machenge,M Basisi	
3485		Replace Adjusting Bolts	1 hr	Mon 08/05/23 09:30	Mon 08/05/23 10:30	3484	K Machenge,M Basisi	
3486		Replace Teflon Sealing Discs On Pulley Shaft	2 hrs	Mon 08/05/23 10:30	Mon 08/05/23 13:00	3485	K Machenge,M Basisi	
3487		Inspect All Bearings& Replace If Necessary	6 hrs	Mon 08/05/23 13:00	Tue 09/05/23 08:00	3486	K Machenge,M Basisi	
3488		Replace Inspection Cover	0.5 hrs	Tue 09/05/23 08:00	Tue 09/05/23 08:30	3487	K Machenge,M Basisi	
3489		Inspect or replace Geared motor	16 hrs	Tue 09/05/23 08:30	Wed 10/05/23 14:30	3488	K Machenge,M Basisi	
3490		Replace gearbox oil	2 hrs	Wed 10/05/23 14:30	Wed 10/05/23 16:30	3489	K Machenge,M Basisi	
3491		Clear Permit	0.25 hrs	Wed 10/05/23 16:30	Wed 10/05/23 16:45	3490	K Machenge,M Basisi	
3492		Dismantle Scaffold	0 hrs	Wed 10/05/23 16:45	Wed 10/05/23 16:45	3491	RSC	
3493	41B2RE01	BASHSP-0232 0 Silo Discharge Conveyor - Replace conveyor	43 hrs	Wed 10/05/23 17:30	Mon 15/05/23 07:30			
3494		Make Permit	0.25 hrs	Wed 10/05/23 17:30	Wed 10/05/23 17:45	3388	Operations	
3495		Accept Permit	0.25 hrs	Wed 10/05/23 17:45	Wed 10/05/23 18:00	3494	K Machenge,M Basisi	
3496		Carry out risk assessment	0.25 hrs	Thu 11/05/23 07:00	Thu 11/05/23 07:15	3495	K Machenge,M Basisi	
3497		Lift Counter Weight	0.5 hrs	Thu 11/05/23 07:15	Thu 11/05/23 07:45	3496	K Machenge,M Basisi	
3498		Replace conveyor	12 hrs	Thu 11/05/23 07:45	Fri 12/05/23 09:15	3497	K Machenge,M Basisi	
3499		Open All Bearings And Inspect	8 hrs	Fri 12/05/23 09:15	Fri 12/05/23 17:45	3498	K Machenge,M Basisi	
3500		Inspect Gearbox, Drain, Flush And Fill Oil	2 hrs	Fri 12/05/23 17:45	Sat 13/05/23 08:45	3499	K Machenge,M Basisi	
3501		Check Out All Seized Idlers And Replace If Necessary	1 hr	Sat 13/05/23 08:45	Sat 13/05/23 09:45	3500	K Machenge,M Basisi	
3502		Replace Skirting	2 hrs	Sat 13/05/23 09:45	Sat 13/05/23 11:45	3501	K Machenge,M Basisi	
3503		Remove 3 off Pulleys and Lag	6 hrs	Sat 13/05/23 11:45	Sun 14/05/23 07:15	3502	K Machenge,M Basisi	
3504		Install 3 off Pulleys	6 hrs	Sun 14/05/23 07:15	Sun 14/05/23 13:45	3503	K Machenge,M Basisi	
3505		Replace Seized Idlers	1 hr	Sun 14/05/23 13:45	Sun 14/05/23 14:45	3504	K Machenge,M Basisi	
3506		Replace scrapper	2 hrs	Sun 14/05/23 14:45	Sun 14/05/23 16:45	3505	K Machenge,M Basisi	
3507		Drop Counter Weight	0.5 hrs	Sun 14/05/23 16:45	Sun 14/05/23 17:15	3506	K Machenge,M Basisi	
3508		Test Run And Track Belt	1 hr	Sun 14/05/23 17:15	Mon 15/05/23 07:15	3507	K Machenge,M Basisi	
3509		Clear Permit	0.25 hrs	Mon 15/05/23 07:15	Mon 15/05/23 07:30	3508	K Machenge,M Basisi	
3510	41B2RE02	BASHSP-0233 - Coarse Feed Conveyor - Replace conveyor	44.75 hrs	Sat 06/05/23 13:15	Wed 10/05/23 16:00			



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
3511		Make Permit	0 hrs	Sat 06/05/23 13:15	Sat 06/05/23 13:15	3324	Operations
3512		Accept Permit	0.25 hrs	Sat 06/05/23 13:15	Sat 06/05/23 13:30	3511	K Machenge,M Basisi
3513		Carry out risk assessment	0.25 hrs	Sat 06/05/23 13:30	Sat 06/05/23 13:45	3512	K Machenge,M Basisi
3514		Lift Counter Weight	1 hr	Sat 06/05/23 13:45	Sat 06/05/23 14:45	3513	K Machenge,M Basisi
3515		Open All Bearings And Inspect	6 hrs	Sat 06/05/23 14:45	Sun 07/05/23 09:45	3514	K Machenge,M Basisi
3516		Inspect Gearbox, Drain, Flush And Fill Oil	2 hrs	Sun 07/05/23 09:45	Sun 07/05/23 11:45	3515	K Machenge,M Basisi
3517		Check Out All Seized Idlers And Replace If Necessary	2 hrs	Sun 07/05/23 11:45	Sun 07/05/23 14:15	3516	K Machenge,M Basisi
3518		Replace Skirting	1 hr	Sun 07/05/23 14:15	Sun 07/05/23 15:15	3517	K Machenge,M Basisi
3519		Inspect or replace 6 off Pulleys	12 hrs	Sun 07/05/23 15:15	Mon 08/05/23 16:45	3518	K Machenge,M Basisi
3520		Install 6 off Pulleys	12 hrs	Mon 08/05/23 16:45	Wed 10/05/23 07:15	3519	K Machenge,M Basisi
3521		Replace Seized Idlers	1.5 hrs	Wed 10/05/23 07:15	Wed 10/05/23 08:45	3520	K Machenge,M Basisi
3522		Replace scrapper	4 hrs	Wed 10/05/23 08:45	Wed 10/05/23 13:15	3521	K Machenge,M Basisi
3523		Drop Counter Weight	2 hrs	Wed 10/05/23 13:15	Wed 10/05/23 15:15	3522	K Machenge,M Basisi
3524		Test Run And Track Belt	0.5 hrs	Wed 10/05/23 15:15	Wed 10/05/23 15:45	3523	K Machenge,M Basisi
3525		Clear Permit	0.25 hrs	Wed 10/05/23 15:45	Wed 10/05/23 16:00	3524	K Machenge,M Basisi
3526	41BGB01	BASHSP-0234 - Bagging Air Blower - Carry out inspection	128 hrs	Wed 03/05/23 15:30	Mon 15/05/23 16:00		
3527		Clean (Prior)	0 hrs	Wed 03/05/23 15:30	Wed 03/05/23 15:30	3174	Operations
3528		Make out permit	0 hrs	Wed 10/05/23 18:00	Wed 10/05/23 18:00	3527,3417	Operations
3529		Accept permit	0.25 hrs	Thu 11/05/23 07:00	Thu 11/05/23 07:15	3528	K Machenge,M Basisi
3530		Carry out risk assessment	0.25 hrs	Thu 11/05/23 07:15	Thu 11/05/23 07:30	3529	K Machenge,M Basisi
3531		Disconnect motor cables	0.25 hrs	Thu 11/05/23 07:30	Thu 11/05/23 07:45	3530	K Opelo,T Moalosi
3532		Uncouple motor	0.5 hrs	Thu 11/05/23 07:45	Thu 11/05/23 08:15	3531	K Machenge,M Basisi
3533		Inspect motor pulley	0.5 hrs	Thu 11/05/23 08:15	Thu 11/05/23 08:45	3532	A Omphile,L Kelapile,O Manere
3534		Repair blower casing	12 hrs	Thu 11/05/23 08:45	Fri 12/05/23 10:15	3533	K Fanyane,R Selo
3535		Inspect or replace blower	6 hrs	Fri 12/05/23 10:15	Fri 12/05/23 16:45	3534	A Omphile,L Kelapile,O Manere
3536		Inspect mounting bolts	1 hr	Fri 12/05/23 16:45	Fri 12/05/23 17:45	3535	K Fanyane,R Selo
3537		Inspect base for looseness	1 hr	Fri 12/05/23 17:45	Sat 13/05/23 07:45	3536	A Omphile,L Kelapile,O Manere
3538		Replace V-belts&align pulleys	1.5 hrs	Sat 13/05/23 07:45	Sat 13/05/23 09:15	3537	K Machenge,M Basisi
3539		Couple assembly	2 hrs	Sat 13/05/23 09:15	Sat 13/05/23 11:15	3538	K Machenge,M Basisi
3540		Connect motor	0.5 hrs	Sat 13/05/23 11:15	Sat 13/05/23 11:45	3539	K Machenge,M Basisi
3541		Replace suction and discharge pipes	24 hrs	Sat 13/05/23 11:45	Mon 15/05/23 15:15	3540	K Machenge,M Basisi
3542		Housekeeping	0.5 hrs	Mon 15/05/23 15:15	Mon 15/05/23 15:45	3541	K Machenge,M Basisi
3543		Clear permit	0.25 hrs	Mon 15/05/23 15:45	Mon 15/05/23 16:00	3542	K Machenge,M Basisi
3544		BASHSP-0235 - Bagging Dust Extraction Pipes - Install dust extraction pipes	187.5 hrs	Wed 03/05/23 15:30	Sun 21/05/23 12:00		
3545		Transport pipes to site (prior)	0 hrs	Wed 03/05/23 15:30	Wed 03/05/23 15:30	3174	K Fanyane,R Selo,Fitter
3546		Issue Permit To Work	0.25 hrs	Thu 11/05/23 07:00	Thu 11/05/23 07:15	3545,3528	
3547		Accept permit	0.25 hrs	Thu 11/05/23 07:15	Thu 11/05/23 07:30	3546	K Fanyane,R Selo
3548		Carry out risk assessment	0.25 hrs	Thu 11/05/23 07:30	Thu 11/05/23 07:45	3547	All
3549		Cut out old pipes	6 hrs	Thu 11/05/23 07:45	Thu 11/05/23 14:15	3548	K Fanyane,R Selo
3550		Rig out old pipes	4 hrs	Thu 11/05/23 14:15	Fri 12/05/23 07:15	3549	A Omphile,K Bontsibokae,O Manere
3551		Rig in new pipes	72 hrs	Fri 12/05/23 07:15	Thu 18/05/23 16:45	3550	A Omphile,K Bontsibokae,O Manere
3552		Position/align & bolt up pipes	16 hrs	Thu 18/05/23 16:45	Sat 20/05/23 11:15	3551	K Fanyane,R Selo,Fitter
3553		Secure pipes on the rack	6 hrs	Sat 20/05/23 11:15	Sat 20/05/23 17:45	3552	K Fanyane,R Selo
3554		Test for leaks	2 hrs	Sat 20/05/23 17:45	Sun 21/05/23 08:45	3553	K Machenge,M Basisi
3555		Quality check	1 hr	Sun 21/05/23 08:45	Sun 21/05/23 09:45	3554	Foreman
3556		Housekeeping	2 hrs	Sun 21/05/23 09:45	Sun 21/05/23 11:45	3555	K Machenge,M Basisi
3557		Clear permit	0.25 hrs	Sun 21/05/23 11:45	Sun 21/05/23 12:00	3556	Ops
3558		ELECTRICAL	34.25 hrs	Wed 10/05/23 07:45	Sat 13/05/23 10:30		
3559	41A2RE02	BASHSP-0236 - Stockpile Feed Belt Conveyor - Carry Out Maintenance On Electrical Components	5.75 hrs	Wed 10/05/23 07:45	Wed 10/05/23 14:00		
3560		Make Out Permit	0.25 hrs	Wed 10/05/23 07:45	Wed 10/05/23 08:00	3191,3221	Operations
3561		Accept Permit	0.25 hrs	Wed 10/05/23 08:00	Wed 10/05/23 08:15	3560	K Opelo,T Moalosi
3562		Carry out risk assessment	0.25 hrs	Wed 10/05/23 08:15	Wed 10/05/23 08:30	3561	K Opelo,T Moalosi



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
3563		Carry Out Electrical Isolation	0.25 hrs	Wed 10/05/23 08:30	Wed 10/05/23 08:45	3562	K Opelo,T Moalosi
3564		Check Loose Connections In The Panel	0.5 hrs	Wed 10/05/23 08:45	Wed 10/05/23 09:15	3563	K Opelo,T Moalosi
3565		Service Panel Components & Clear Dust	0.5 hrs	Wed 10/05/23 09:15	Wed 10/05/23 09:45	3564	K Opelo,T Moalosi
3566		Service Stop/Start, Belt Alignment & Pull Switches	0.5 hrs	Wed 10/05/23 09:45	Wed 10/05/23 10:15	3565	K Opelo,T Moalosi
3567		Service Safe Start Circuit & Insure Siren Is Working	0.5 hrs	Wed 10/05/23 10:15	Wed 10/05/23 10:45	3566	K Opelo,T Moalosi
3568		Check Motor Fan Condition	0.5 hrs	Wed 10/05/23 10:45	Wed 10/05/23 11:15	3567	K Opelo,T Moalosi
3569		Check Cable Terminal Leads For Over Heating	0.5 hrs	Wed 10/05/23 11:15	Wed 10/05/23 11:45	3568	K Opelo,T Moalosi
3570		Tighten Motor Connections & Gland Integrity	0.5 hrs	Wed 10/05/23 11:45	Wed 10/05/23 12:45	3569	K Opelo,T Moalosi
3571		Seal For Moisture And Dust.	0.5 hrs	Wed 10/05/23 12:45	Wed 10/05/23 13:15	3570	K Opelo,T Moalosi
3572		Confirm Correct Protection Settings	0.5 hrs	Wed 10/05/23 13:15	Wed 10/05/23 13:45	3571	K Opelo,T Moalosi
3573		Clear Permit	0.25 hrs	Wed 10/05/23 13:45	Wed 10/05/23 14:00	3572	K Opelo,T Moalosi
3574		BASHSP-0237 - Brackish MCC Retrofit - Replace MCC Panel	28.5 hrs	Wed 10/05/23 14:00	Sat 13/05/23 10:30		
3575		Make out permit	4.5 hrs	Wed 10/05/23 14:00	Thu 11/05/23 07:30	3572,3573	Operations
3576		Accept Permit	0.25 hrs	Thu 11/05/23 07:30	Thu 11/05/23 07:45	3575	K Opelo,T Moalosi
3577		Carry out risk assessment	0.25 hrs	Thu 11/05/23 07:45	Thu 11/05/23 08:00	3576	K Opelo,T Moalosi
3578		Remove roof	0.25 hrs	Thu 11/05/23 08:00	Thu 11/05/23 08:15	3577	K Opelo,T Moalosi
3579		Expose cables	4 hrs	Thu 11/05/23 08:15	Thu 11/05/23 12:45	3578	K Opelo,T Moalosi
3580		Mark cables	4.5 hrs	Thu 11/05/23 12:45	Thu 11/05/23 17:15	3579	K Opelo,T Moalosi
3581		Isolate power	1.25 hrs	Thu 11/05/23 17:15	Fri 12/05/23 07:30	3580	K Opelo,T Moalosi
3582		Disconnect cables	0.25 hrs	Fri 12/05/23 07:30	Fri 12/05/23 07:45	3581	K Opelo,T Moalosi
3583		Rig out panel	2.5 hrs	Fri 12/05/23 07:45	Fri 12/05/23 10:15	3582	K Opelo,T Moalosi
3584		Re-root cables on sleeve	4 hrs	Fri 12/05/23 10:15	Fri 12/05/23 14:45	3583	K Opelo,T Moalosi
3585		Install new panel	3 hrs	Fri 12/05/23 14:45	Fri 12/05/23 17:45	3584	K Opelo,T Moalosi
3586		Terminate cables	0.5 hrs	Fri 12/05/23 17:45	Sat 13/05/23 07:15	3585	K Opelo,T Moalosi
3587		Test & commission	3 hrs	Sat 13/05/23 07:15	Sat 13/05/23 10:15	3586	K Opelo,T Moalosi
3588		Clear permit	0.25 hrs	Sat 13/05/23 10:15	Sat 13/05/23 10:30	3587	K Opelo,T Moalosi
3589		INSTRUMENTATION	94.5 hrs	Wed 10/05/23 08:45	Fri 19/05/23 08:45		
3590	41B6RU01	BASHSP-0238 - Fine Salt Bagging Machine - Service	86 hrs	Wed 10/05/23 08:45	Thu 18/05/23 10:45		
3591		Make Out Permit	0.25 hrs	Wed 10/05/23 08:45	Wed 10/05/23 09:00	2863	Bag_Ops
3592		Accept Permit	0.25 hrs	Wed 10/05/23 09:00	Wed 10/05/23 09:15	3591	T Maruping,T Mbangiwa
3593		Carry out risk assessment	0.25 hrs	Wed 10/05/23 09:15	Wed 10/05/23 09:30	3592	T Maruping,T Mbangiwa
3594		Remove All Cylinders (modify bag clamps)	72 hrs	Wed 10/05/23 09:30	Wed 17/05/23 08:00	3593	T Maruping,T Mbangiwa,Accutech,K Machenge
3595		Overhaul Both Gate/Flapper And Clamp Cylinders	8 hrs	Wed 17/05/23 08:00	Wed 17/05/23 16:30	3594	T Maruping,T Mbangiwa
3596		Replace Cylinders	3 hrs	Wed 17/05/23 16:30	Thu 18/05/23 08:30	3595	T Maruping,T Mbangiwa
3597		Test The System	2 hrs	Thu 18/05/23 08:30	Thu 18/05/23 10:30	3596	T Maruping,T Mbangiwa
3598		Clear Permit	0.25 hrs	Thu 18/05/23 10:30	Thu 18/05/23 10:45	3597	T Maruping,T Mbangiwa
3599	41B6RU02	BASHSP-0239 - Course Salt Bagging Machine - Service	18.5 hrs	Wed 17/05/23 07:00	Thu 18/05/23 15:30		
3600		Make Out Permit	0.25 hrs	Wed 17/05/23 07:00	Wed 17/05/23 07:15		Bag_Ops
3601		Accept Permit	0.25 hrs	Wed 17/05/23 07:15	Wed 17/05/23 07:30	3600	T Maruping,T Mbangiwa
3602		Carry out risk assessment	0.25 hrs	Wed 17/05/23 07:30	Wed 17/05/23 07:45	3601	T Maruping,T Mbangiwa
3603		Remove All Cylinders	2 hrs	Wed 17/05/23 07:45	Wed 17/05/23 09:45	3602	T Maruping,T Mbangiwa
3604		Overhaul Both Gate/Flapper And Clamp Cylinders	10 hrs	Wed 17/05/23 09:45	Thu 18/05/23 09:15	3603	T Maruping,T Mbangiwa
3605		Replace Cylinders	3 hrs	Thu 18/05/23 09:15	Thu 18/05/23 12:45	3604	T Maruping,T Mbangiwa
3606		Test The System	2.5 hrs	Thu 18/05/23 12:45	Thu 18/05/23 15:15	3605	T Maruping,T Mbangiwa
3607		Clear Permit	0.25 hrs	Thu 18/05/23 15:15	Thu 18/05/23 15:30	3606	T Maruping,T Mbangiwa
3608		BASHSP- 0240 - Fine Salt Level Switch - Inspect	4 hrs	Thu 18/05/23 15:30	Fri 19/05/23 08:30		
3609		Make Out Permit	0.25 hrs	Thu 18/05/23 15:30	Thu 18/05/23 15:45	3607	Operations
3610		Accept Permit	0.25 hrs	Thu 18/05/23 15:45	Thu 18/05/23 16:00	3609	T Maruping,T Mbangiwa
3611		Carry out risk assessment	0.25 hrs	Thu 18/05/23 16:00	Thu 18/05/23 16:15	3610	T Maruping,T Mbangiwa
3612		Inspect level switch	1 hr	Thu 18/05/23 16:15	Thu 18/05/23 17:15	3611	T Maruping,T Mbangiwa
3613		Simulate level sensor	2 hrs	Thu 18/05/23 17:15	Fri 19/05/23 08:15	3612	T Maruping,T Mbangiwa
3614		Clear permit	0.25 hrs	Fri 19/05/23 08:15	Fri 19/05/23 08:30	3613	T Maruping,T Mbangiwa
3615		BASHSP-0241 - Coarse Salt Level Switch - Inspect	4 hrs	Thu 18/05/23 15:45	Fri 19/05/23 08:45		



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
3616		Make Out Permit	0.25 hrs	Thu 18/05/23 15:45	Thu 18/05/23 16:00	3609	Operations
3617		Accept Permit	0.25 hrs	Thu 18/05/23 16:00	Thu 18/05/23 16:15	3616	T Maruping,T Mbangiwa
3618		Carry out risk assessment	0.25 hrs	Thu 18/05/23 16:15	Thu 18/05/23 16:30	3617	T Maruping,T Mbangiwa
3619		Inspect level switch	1 hr	Thu 18/05/23 16:30	Thu 18/05/23 17:30	3618	T Maruping,T Mbangiwa
3620		Simulate level sensor	2 hrs	Thu 18/05/23 17:30	Fri 19/05/23 08:30	3619	T Maruping,T Mbangiwa
3621		Clear permit	0.25 hrs	Fri 19/05/23 08:30	Fri 19/05/23 08:45	3620	T Maruping,T Mbangiwa
3622		BASHSP-0242 - Fine Salt Printer (batch coding) - Inspect & repair	4 hrs	Wed 17/05/23 07:00	Wed 17/05/23 11:00		
3623		Make Out Permit	0.25 hrs	Wed 17/05/23 07:00	Wed 17/05/23 07:15		Operations
3624		Accept Permit	0.25 hrs	Wed 17/05/23 07:15	Wed 17/05/23 07:30	3623	T Maruping,T Mbangiwa
3625		Carry out risk assessment	0.25 hrs	Wed 17/05/23 07:30	Wed 17/05/23 07:45	3624	T Maruping,T Mbangiwa
3626		Inspect and repair printer	1 hr	Wed 17/05/23 07:45	Wed 17/05/23 08:45	3625	T Maruping,T Mbangiwa
3627		Test printer	2 hrs	Wed 17/05/23 08:45	Wed 17/05/23 10:45	3626	T Maruping,T Mbangiwa
3628		Clear permit	0.25 hrs	Wed 17/05/23 10:45	Wed 17/05/23 11:00	3627	T Maruping,T Mbangiwa
3629		BASHSP-0243 - Coarse Salt Printer (batch coding) - Inspect & repair	4 hrs	Thu 18/05/23 15:30	Fri 19/05/23 08:30		
3630		Make Out Permit	0.25 hrs	Thu 18/05/23 15:30	Thu 18/05/23 15:45	3607	Operations
3631		Accept Permit	0.25 hrs	Thu 18/05/23 15:45	Thu 18/05/23 16:00	3630	T Maruping,T Mbangiwa
3632		Carry out risk assessment	0.25 hrs	Thu 18/05/23 16:00	Thu 18/05/23 16:15	3631	T Maruping,T Mbangiwa
3633		Inspect and repair printer	1 hr	Thu 18/05/23 16:15	Thu 18/05/23 17:15	3632	T Maruping,T Mbangiwa
3634		Test printer	2 hrs	Thu 18/05/23 17:15	Fri 19/05/23 08:15	3633	T Maruping,T Mbangiwa
3635		Clear permit	0.25 hrs	Fri 19/05/23 08:15	Fri 19/05/23 08:30	3634	T Maruping,T Mbangiwa
3636	41C2	COARSE & MILLED SALT LOADING	202.5 hrs	Wed 03/05/23 07:00	Mon 22/05/23 08:30		
3637		OPERATIONS	32 hrs	Wed 03/05/23 07:00	Fri 05/05/23 17:30		
3638		BASHSP-0244 - Plant stoppage	8 hrs	Wed 03/05/23 07:00	Wed 03/05/23 15:30		
3639		Stop feed	0 hrs	Wed 03/05/23 07:00	Wed 03/05/23 07:00	292	Operations
3640		Run plant empty	8 hrs	Wed 03/05/23 07:00	Wed 03/05/23 15:30	3639,293SS	Operations
3641		BASHSP-0245 - Cleaning	24 hrs	Wed 03/05/23 15:30	Fri 05/05/23 17:30		Operations
3642		Clean system	24 hrs	Wed 03/05/23 15:30	Fri 05/05/23 17:30	3640	Operations
3643		MECHANICAL	202.5 hrs	Wed 03/05/23 07:00	Mon 22/05/23 08:30		
3644	41C2RE01	BASHSP-0246 - Transfer Conveyor (East) - Replace belt	122.25 hrs	Wed 03/05/23 07:00	Sun 14/05/23 12:45		
3645		Erect scaffolding prior	0 hrs	Wed 03/05/23 07:00	Wed 03/05/23 07:00	3639	RSC
3646		Clean Conveyor	0 hrs	Wed 03/05/23 15:30	Wed 03/05/23 15:30	3645,3640	Operations
3647		Make Up Permit	0.25 hrs	Thu 11/05/23 14:15	Thu 11/05/23 14:30	3646,3642SS	Operations
3648		Accept Permit	0.25 hrs	Thu 11/05/23 14:30	Thu 11/05/23 14:45	3647	M Basisi,K Machenge
3649		Carry out risk assessment	0.25 hrs	Thu 11/05/23 14:45	Thu 11/05/23 15:00	3648	K Machenge,M Basisi
3650		Replace conveyor belt	12 hrs	Thu 11/05/23 15:00	Fri 12/05/23 16:30	3649	K Machenge,M Basisi,A Omphile,L Kelapile,O Manere
3651		Check All Idlers	2 hrs	Fri 12/05/23 16:30	Sat 13/05/23 07:30	3650	K Machenge,M Basisi
3652		Check Self Tracking Idlers	1.5 hrs	Sat 13/05/23 07:30	Sat 13/05/23 09:00	3651	K Machenge,M Basisi
3653		Check Drive Gearbox (Replace Oil)	2 hrs	Sat 13/05/23 09:00	Sat 13/05/23 11:00	3652	K Machenge,M Basisi
3654		Check V-Belts	1 hr	Sat 13/05/23 11:00	Sat 13/05/23 12:00	3653	K Machenge,M Basisi
3655		Replace Tension Bolts	2 hrs	Sat 13/05/23 12:30	Sat 13/05/23 14:30	3654	K Machenge,M Basisi
3656		Check Tension&Tracking Conveyor	0.5 hrs	Sat 13/05/23 14:30	Sat 13/05/23 15:00	3655	K Machenge,M Basisi
3657		Check And Replace All Bearings	8 hrs	Sat 13/05/23 15:00	Sun 14/05/23 12:00	3656	K Machenge,M Basisi
3658		Clear Permit	0.25 hrs	Sun 14/05/23 12:30	Sun 14/05/23 12:45	3657	Operations
3659		Dismantle scaffolding	0 hrs	Sun 14/05/23 12:45	Sun 14/05/23 12:45	3658	RSC
3660	41C2RE02	BASHSP-0247 - Transfer Conveyor (West) - Replace conveyor	124.25 hrs	Wed 03/05/23 07:00	Sun 14/05/23 14:45		
3661		Erect scaffolding prior	0 hrs	Wed 03/05/23 07:00	Wed 03/05/23 07:00	3645	RSC
3662		Clean Conveyor	0 hrs	Wed 03/05/23 15:30	Wed 03/05/23 15:30	3661,3646	Operations
3663		Make Up Permit	0.25 hrs	Thu 11/05/23 14:30	Thu 11/05/23 14:45	3662,3647,3	Operations
3664		Accept Permit	0.25 hrs	Thu 11/05/23 14:45	Thu 11/05/23 15:00	3663	K Machenge,M Basisi
3665		Carry out risk assessment	0.25 hrs	Thu 11/05/23 15:00	Thu 11/05/23 15:15	3664	K Machenge,M Basisi
3666		Replace conveyor & carry out hot splicing	12 hrs	Thu 11/05/23 15:15	Fri 12/05/23 16:45	3665	K Machenge,M Basisi,A Omphile,L Kelapile,O Manere
3667		Check All Idlers	2 hrs	Fri 12/05/23 16:45	Sat 13/05/23 07:45	3666	K Machenge,M Basisi
3668		Check Self Crackers	1.5 hrs	Sat 13/05/23 07:45	Sat 13/05/23 09:15	3667	K Machenge,M Basisi



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
3669		Check Drive Gearbox (Replace Oil)	2 hrs	Sat 13/05/23 09:15	Sat 13/05/23 11:15	3668	K Machenge,M Basisi
3670		Check V- Belts	1 hr	Sat 13/05/23 11:15	Sat 13/05/23 12:45	3669	K Machenge,M Basisi
3671		Replace Tension Bolts	1 hr	Sat 13/05/23 12:45	Sat 13/05/23 13:45	3670	K Machenge,M Basisi
3672		Check Tension And Tracking	2 hrs	Sat 13/05/23 13:45	Sat 13/05/23 15:45	3671	K Machenge,M Basisi
3673		Check And Repair All Bearings	8 hrs	Sat 13/05/23 15:45	Sun 14/05/23 13:15	3672	K Machenge,M Basisi
3674		Clear Permit	1.5 hrs	Sun 14/05/23 13:15	Sun 14/05/23 14:45	3673	K Machenge,M Basisi
3675		Dismantle scaffolding	0 hrs	Sun 14/05/23 14:45	Sun 14/05/23 14:45	3674	RSC
3676	41C2RE03	BASHSP-0247 - Reversible Conveyor (East) - Replace belt	136.25 hrs	Wed 03/05/23 07:00	Mon 15/05/23 16:15		
3677		Erect scaffolding prior	0 hrs	Wed 03/05/23 07:00	Wed 03/05/23 07:00	3661	RSC
3678		Make Up Permit	0.25 hrs	Thu 11/05/23 14:45	Thu 11/05/23 15:00	3677,3663	Operations
3679		Accept Permit	0.25 hrs	Thu 11/05/23 15:00	Thu 11/05/23 15:15	3678	K Machenge,M Basisi
3680		Carry out risk assessment	0.25 hrs	Thu 11/05/23 15:15	Thu 11/05/23 15:30	3679	K Machenge,M Basisi
3681		Clean Conveyor	0 hrs	Thu 11/05/23 15:30	Thu 11/05/23 15:30	3680	Operations
3682		Replace conveyor	6 hrs	Thu 11/05/23 15:30	Fri 12/05/23 10:30	3681	K Machenge,M Basisi,A Omphile,L Kelapile,O Manere
3683		Remove the pulleys and lag (plain)	18 hrs	Fri 12/05/23 10:30	Sun 14/05/23 07:30	3682	K Machenge,M Basisi
3684		Inspect and recondition shafts if necessary	8 hrs	Sun 14/05/23 07:30	Sun 14/05/23 16:00	3683	K Machenge,M Basisi
3685		Inspect hollow shaft&change adjusting bolts	3 hrs	Sun 14/05/23 16:00	Mon 15/05/23 08:00	3684	K Machenge,M Basisi
3686		Check Drive Gearbox (Change Oil)	1.5 hrs	Mon 15/05/23 08:00	Mon 15/05/23 09:30	3685	K Machenge,M Basisi
3687		Replace Belt And Idlers	6 hrs	Mon 15/05/23 09:30	Mon 15/05/23 16:00	3686	K Machenge,M Basisi
3688		Clear Permit	0.25 hrs	Mon 15/05/23 16:00	Mon 15/05/23 16:15	3687	K Machenge,M Basisi
3689		Dismantle scaffolding	0 hrs	Mon 15/05/23 16:15	Mon 15/05/23 16:15	3688	RSC
3690	41C2RE04	BASHSP-0249 - Reversible Conveyor (West) - Replace belt	136.5 hrs	Wed 03/05/23 07:00	Mon 15/05/23 16:30		
3691		Erect scaffolding prior	0 hrs	Wed 03/05/23 07:00	Wed 03/05/23 07:00	3677	RSC
3692		Make Up Permit	0.25 hrs	Thu 11/05/23 15:00	Thu 11/05/23 15:15	3691,3678	Operations
3693		Accept Permit	0.25 hrs	Thu 11/05/23 15:15	Thu 11/05/23 15:30	3692	K Machenge,M Basisi
3694		Carry out risk assessment	0.25 hrs	Thu 11/05/23 15:30	Thu 11/05/23 15:45	3693	K Machenge,M Basisi
3695		Clean Conveyor	0 hrs	Thu 11/05/23 15:45	Thu 11/05/23 15:45	3694	Operations
3696		Replace conveyor	6 hrs	Thu 11/05/23 15:45	Fri 12/05/23 10:45	3695	K Machenge,M Basisi,A Omphile,L Kelapile,O Manere
3697		Remove the pulleys and lag (plain)	18 hrs	Fri 12/05/23 10:45	Sun 14/05/23 07:45	3696	K Machenge,M Basisi
3698		Inspect and recondition shafts if necessary	8 hrs	Sun 14/05/23 07:45	Sun 14/05/23 16:15	3697	K Machenge,M Basisi
3699		Inspect hollow shaft&change adjusting bolts	3 hrs	Sun 14/05/23 16:15	Mon 15/05/23 08:15	3698	K Machenge,M Basisi
3700		Check Drive Gearbox (Change Oil)	1.5 hrs	Mon 15/05/23 08:15	Mon 15/05/23 09:45	3699	K Machenge,M Basisi
3701		Replace Belt And Idlers	6 hrs	Mon 15/05/23 09:45	Mon 15/05/23 16:15	3700	K Machenge,M Basisi
3702		Clear Permit	0.25 hrs	Mon 15/05/23 16:15	Mon 15/05/23 16:30	3701	K Machenge,M Basisi
3703		Dismantle scaffolding	0 hrs	Mon 15/05/23 16:30	Mon 15/05/23 16:30	3702	RSC
3704	41C2RX01	BASHSP-0250 - Stacker (East) - Carry out inspection	202.5 hrs	Wed 03/05/23 07:00	Mon 22/05/23 08:30		
3705		Erect scaffolding prior	0 hrs	Wed 03/05/23 07:00	Wed 03/05/23 07:00	3691	RSC
3706		Clean stacker (prior)	0 hrs	Wed 03/05/23 15:30	Wed 03/05/23 15:30	3705,3640	Operations
3707		Make Up Permit	0.25 hrs	Sat 06/05/23 17:00	Sat 06/05/23 17:15	3706,3734	Operations
3708		Accept Permit	0.25 hrs	Sat 06/05/23 17:15	Sat 06/05/23 17:30	3707	K Machenge,M Basisi
3709		Carry out riskassessment	0.25 hrs	Sat 06/05/23 17:30	Sat 06/05/23 17:45	3708	K Machenge,M Basisi,A Omphile,L Kelapile,O Manere
3710		Replace swivel conveyor	6 hrs	Sat 06/05/23 17:45	Sun 07/05/23 13:15	3709	K Machenge,M Basisi,A Omphile,L Kelapile,O Manere
3711		Replace loading conveyor	6 hrs	Sun 07/05/23 13:15	Mon 08/05/23 08:15	3710	K Machenge,M Basisi,A Omphile,L Kelapile,O Manere
3712		Replace bearings	6 hrs	Mon 08/05/23 08:15	Mon 08/05/23 14:45	3711	K Machenge,M Basisi,A Omphile,L Kelapile,O Manere
3713		Replace gearbox	6 hrs	Mon 08/05/23 14:45	Tue 09/05/23 09:45	3712	K Machenge,M Basisi,A Omphile,L Kelapile,O Manere
3714		Inspect pulley and drive shaft	72 hrs	Tue 09/05/23 09:45	Tue 16/05/23 08:15	3713	K Machenge,M Basisi,A Omphile,L Kelapile,O Manere
3715		Replace traverse wheels	6 hrs	Tue 16/05/23 08:15	Tue 16/05/23 14:45	3714	K Machenge,M Basisi,A Omphile,L Kelapile,O Manere
3716		Rig out swivel boom& inspect swivel bearing	12 hrs	Tue 16/05/23 14:45	Wed 17/05/23 16:15	3715	K Machenge,M Basisi,A Omphile,L Kelapile,O Manere
3717		Clean rail structure	8 hrs	Wed 17/05/23 16:15	Thu 18/05/23 13:45	3716	K Machenge,M Basisi,A Omphile,L Kelapile,O Manere
3718		Transport stacker to workshop	1 hr	Thu 18/05/23 13:45	Thu 18/05/23 14:45	3717	K Machenge,M Basisi,A Omphile,L Kelapile,O Manere
3719		Rig in new Stacker complete	36 hrs	Thu 18/05/23 14:45	Mon 22/05/23 08:15	3718	K Machenge,M Basisi,A Omphile,L Kelapile,O Manere
3720		Clear Permit	0.25 hrs	Mon 22/05/23 08:15	Mon 22/05/23 08:30	3719	K Machenge,M Basisi,A Omphile,L Kelapile,O Manere
3721		Dismantle scaffolding	0 hrs	Mon 22/05/23 08:30	Mon 22/05/23 08:30	3720	RSC



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
3722	41C2RE06	BASHSP-0251 - Incline Conveyor (Truck Loading) - Replace conveyor belt	42.5 hrs	Wed 03/05/23 07:00	Sat 06/05/23 17:00		
3723		Erect scaffolding prior	0 hrs	Wed 03/05/23 07:00	Wed 03/05/23 07:00	3691	RSC
3724		Make Out Permit	0.25 hrs	Wed 03/05/23 15:30	Wed 03/05/23 15:45	3723,3640	Operations
3725		Accept Permit	0.25 hrs	Wed 03/05/23 15:45	Wed 03/05/23 16:00	3724	K Machenge,M Basisi
3726		Carry out risk assessment	0.25 hrs	Wed 03/05/23 16:00	Wed 03/05/23 16:15	3725	K Machenge,M Basisi
3727		Replace conveyor belt& carry out hot splicing	12 hrs	Wed 03/05/23 16:15	Thu 04/05/23 17:15	3726	K Machenge,M Basisi,A Omphile,L Kelapile,O Manere
3728		Remove and replace tensioning bolts	2 hrs	Thu 04/05/23 17:15	Fri 05/05/23 07:45	3727	K Machenge,M Basisi
3729		Check Drive Gearbox (Replace Oil)	1.5 hrs	Fri 05/05/23 07:45	Fri 05/05/23 09:15	3728	K Machenge,M Basisi
3730		Check And Replace All Seized Idlers	2 hrs	Fri 05/05/23 09:15	Fri 05/05/23 11:15	3729	K Machenge,M Basisi
3731		Check Tension And Tracking	2 hrs	Fri 05/05/23 11:15	Fri 05/05/23 13:45	3730	K Machenge,M Basisi
3732		Replace Belt and cold Splice	8 hrs	Fri 05/05/23 13:45	Sat 06/05/23 10:15	3731	K Machenge,M Basisi
3733		Check And Repair All Bearings	6 hrs	Sat 06/05/23 10:15	Sat 06/05/23 16:45	3732	K Machenge,M Basisi
3734		Clear Permit	0.25 hrs	Sat 06/05/23 16:45	Sat 06/05/23 17:00	3733	K Machenge,M Basisi
3735		Dismantle scaffolding	0 hrs	Sat 06/05/23 17:00	Sat 06/05/23 17:00	3734	RSC
3736	41C2RE07	BASHSP-0252 - Shuttle Conveyor (Truck Loading) - Replace conveyor belt	93.25 hrs	Wed 03/05/23 07:00	Thu 11/05/23 15:15		
3737		Erect scaffolding prior	0 hrs	Wed 03/05/23 07:00	Wed 03/05/23 07:00	3723	RSC
3738		Make Out Permit	0.25 hrs	Wed 03/05/23 15:45	Wed 03/05/23 16:00	3737,3724	Operations
3739		Accept Permit	0.25 hrs	Wed 03/05/23 16:00	Wed 03/05/23 16:15	3738	K Machenge,M Basisi
3740		Carry out risk assessment	0.25 hrs	Wed 03/05/23 16:15	Wed 03/05/23 16:30	3739	K Machenge,M Basisi
3741		Replace conveyor belt& carry out hot splicing	12 hrs	Wed 03/05/23 16:30	Thu 04/05/23 17:30	3740	K Machenge,M Basisi,A Omphile,L Kelapile,O Manere
3742		Check All Idlers	2 hrs	Thu 04/05/23 17:30	Fri 05/05/23 08:00	3741	K Machenge,M Basisi
3743		Check Drive Gearbox (Replace Oil)	2 hrs	Fri 05/05/23 08:00	Fri 05/05/23 10:00	3742	K Machenge,M Basisi
3744		Release Tension Bolts	2 hrs	Fri 05/05/23 10:00	Fri 05/05/23 12:00	3743	K Machenge,M Basisi
3745		Check Tension And Tracking	2 hrs	Fri 05/05/23 12:30	Fri 05/05/23 14:30	3744	K Machenge,M Basisi
3746		Replace belt and cold Splice	8 hrs	Fri 05/05/23 14:30	Sat 06/05/23 11:00	3745	K Machenge,M Basisi
3747		Remove 2 off pulleys&lag them	12 hrs	Sat 06/05/23 11:00	Sun 07/05/23 13:00	3746	K Machenge,M Basisi
3748		Replace pulleys 2 off	6 hrs	Sun 07/05/23 13:00	Mon 08/05/23 08:00	3747	K Machenge,M Basisi
3749		Check And Repair All Bearings	4 hrs	Mon 08/05/23 08:00	Mon 08/05/23 12:00	3748	K Machenge,M Basisi
3750		Check Rail& Replace Rail Mounting Bolts	12 hrs	Mon 08/05/23 12:30	Tue 09/05/23 14:00	3749	K Machenge,M Basisi
3751		Remove Traverse Wheels For Repair	12 hrs	Tue 09/05/23 14:00	Wed 10/05/23 15:30	3750	K Machenge,M Basisi
3752		Re-Install Wheels	6 hrs	Wed 10/05/23 15:30	Thu 11/05/23 10:30	3751	K Machenge,M Basisi
3753		Check Drive Chain, Sprockets For Wear& Replace	4 hrs	Thu 11/05/23 10:30	Thu 11/05/23 15:00	3752	K Machenge,M Basisi
3754		Clear Permit	0.25 hrs	Thu 11/05/23 15:00	Thu 11/05/23 15:15	3753	K Machenge,M Basisi
3755		Dismantle scaffolding	0 hrs	Thu 11/05/23 15:15	Thu 11/05/23 15:15	3754	RSC
3756	41C2RE08	BASHSP-0253 - Decline Conveyor (Truck Loading) - Replace conveyor belt	66.5 hrs	Wed 03/05/23 07:00	Tue 09/05/23 09:00		
3757		Erect scaffolding prior	0 hrs	Wed 03/05/23 07:00	Wed 03/05/23 07:00	3737	RSC
3758		Make Out Permit	0.25 hrs	Wed 03/05/23 16:00	Wed 03/05/23 16:15	3757,3738	Operations
3759		Accept Permit	0.25 hrs	Wed 03/05/23 16:15	Wed 03/05/23 16:30	3758	K Machenge,M Basisi
3760		Carry out risk assessment	0.25 hrs	Wed 03/05/23 16:30	Wed 03/05/23 16:45	3759	K Machenge,M Basisi
3761		Replace conveyor belt& carry out hot splicing	12 hrs	Wed 03/05/23 16:45	Thu 04/05/23 17:45	3760	K Machenge,M Basisi,A Omphile,L Kelapile,O Manere
3762		Check All Idlers	2 hrs	Thu 04/05/23 17:45	Fri 05/05/23 08:15	3761	K Machenge,M Basisi
3763		Check Drive Gearbox (Replace Oil)	2 hrs	Fri 05/05/23 08:15	Fri 05/05/23 10:15	3762	K Machenge,M Basisi
3764		Release Tension Bolts	2 hrs	Fri 05/05/23 10:15	Fri 05/05/23 12:45	3763	K Machenge,M Basisi
3765		Check Tension And Tracking	3 hrs	Fri 05/05/23 12:45	Fri 05/05/23 15:45	3764	K Machenge,M Basisi
3766		Replace belt and cold Splice	8 hrs	Fri 05/05/23 15:45	Sat 06/05/23 12:45	3765	K Machenge,M Basisi
3767		Remove 2 off pulleys&lag them	12 hrs	Sat 06/05/23 12:45	Sun 07/05/23 14:15	3766	K Machenge,M Basisi
3768		Replace pulleys 2 off	6 hrs	Sun 07/05/23 14:15	Mon 08/05/23 09:15	3767	K Machenge,M Basisi
3769		Check And Repair All Bearings	4 hrs	Mon 08/05/23 09:15	Mon 08/05/23 13:45	3768	K Machenge,M Basisi
3770		Check Drive Chain, Sprockets For Wear& Replace	6 hrs	Mon 08/05/23 13:45	Tue 09/05/23 08:45	3769	K Machenge,M Basisi
3771		Clear Permit	0.25 hrs	Tue 09/05/23 08:45	Tue 09/05/23 09:00	3770	K Machenge,M Basisi
3772		Dismantle scaffolding	0 hrs	Tue 09/05/23 09:00	Tue 09/05/23 09:00	3771	RSC
3773	41C2RE08	BASHSP-0254 - Decline Conveyor (Truck Loading) - Carry out carriage rail repairs	54.75 hrs	Wed 03/05/23 07:00	Mon 08/05/23 07:45		
3774		Order rail (prior)	0 hrs	Wed 03/05/23 07:00	Wed 03/05/23 07:00	3639	K Machenge,M Basisi



ID	Asset code	Task Name	Duration	Start	Finish	Predecessors	Resource Names
3775		Machine wheels (prior)	0 hrs	Wed 03/05/23 07:00	Wed 03/05/23 07:00	3774	Machinist
3776		Erect scaffolding prior	0 hrs	Wed 03/05/23 07:00	Wed 03/05/23 07:00	3775,3757	RSC
3777		Make Out Permit	0.25 hrs	Wed 03/05/23 16:15	Wed 03/05/23 16:30	3776,3758	Operations
3778		Accept Permit	0.25 hrs	Wed 03/05/23 16:30	Wed 03/05/23 16:45	3777	K Machenge,M Basisi
3779		Carry out risk assessment	0.25 hrs	Wed 03/05/23 16:45	Wed 03/05/23 17:00	3778	K Machenge,M Basisi
3780		Remove rail carriage	3 hrs	Wed 03/05/23 17:00	Thu 04/05/23 08:30	3779	K Machenge,M Basisi
3781		Install new wheels	24 hrs	Thu 04/05/23 08:30	Sat 06/05/23 10:30	3780	K Machenge,M Basisi
3782		Free swivel joint sleeve bearings	8 hrs	Sat 06/05/23 10:30	Sun 07/05/23 08:00	3781	K Machenge,M Basisi
3783		Rig in carriage	4 hrs	Sun 07/05/23 08:00	Sun 07/05/23 12:00	3782	K Machenge,M Basisi
3784		Check Rail& Replace Rail Mounting Bolts	4 hrs	Sun 07/05/23 12:30	Sun 07/05/23 16:30	3783	K Machenge,M Basisi
3785		Align the rail&check for straightness	2 hrs	Sun 07/05/23 16:30	Mon 08/05/23 07:30	3784	K Machenge,M Basisi
3786		Clear permit	0.25 hrs	Mon 08/05/23 07:30	Mon 08/05/23 07:45	3785	K Machenge,M Basisi
3787		Dismantle scaffolding	0 hrs	Mon 08/05/23 07:45	Mon 08/05/23 07:45	3786	RSC
3788	41C2RE08	BASHSP-0255 - Truck Loading - Repair structure	142 hrs	Wed 03/05/23 07:00	Tue 16/05/23 11:00		
3789		Order material (prior)	0 hrs	Wed 03/05/23 07:00	Wed 03/05/23 07:00	3639,3774	K Fanyane,R Selo
3790		Erect scaffolding prior	0 hrs	Wed 03/05/23 07:00	Wed 03/05/23 07:00	3789,3776	RSC
3791		Make out permit	0.25 hrs	Wed 03/05/23 16:30	Wed 03/05/23 16:45	3790,3777	Operations
3792		Accept permit	0.25 hrs	Wed 03/05/23 16:45	Wed 03/05/23 17:00	3791	K Machenge,M Basisi
3793		Carry out risk assessement	0.25 hrs	Wed 03/05/23 17:00	Wed 03/05/23 17:15	3792	K Machenge,M Basisi
3794		Dismantle drives	12 hrs	Wed 03/05/23 17:15	Thu 04/05/23 18:15	3793	K Machenge,M Basisi,K Fanyane,R Selo
3795		Rig out structure for repair (corrosion protection)	72 hrs	Thu 04/05/23 18:15	Thu 11/05/23 15:45	3794	K Machenge,M Basisi,K Fanyane,R Selo,A Omphile,L Kelapile,O Manere
3796		Install new structure	36 hrs	Thu 11/05/23 15:45	Mon 15/05/23 09:15	3795	K Machenge,M Basisi,K Fanyane,R Selo
3797		Install drives and align	12 hrs	Mon 15/05/23 09:15	Tue 16/05/23 10:45	3796	K Machenge,M Basisi
3798		Clear permit	0.25 hrs	Tue 16/05/23 10:45	Tue 16/05/23 11:00	3797	K Machenge,M Basisi
3799		Dismantle scaffolding	0 hrs	Tue 16/05/23 11:00	Tue 16/05/23 11:00	3798	RSC
3800		PRE-PACKS AND PACKAGING	18 hrs	Wed 17/05/23 11:00	Fri 19/05/23 08:00		
3801		INSTRUMENTATION	18 hrs	Wed 17/05/23 11:00	Fri 19/05/23 08:00		
3802		BASHSP-0256 - North Pre Pack Machine - Overhaul and Service	9 hrs	Wed 17/05/23 11:00	Thu 18/05/23 09:30		
3803		Make Out Permit	0.25 hrs	Wed 17/05/23 11:00	Wed 17/05/23 11:15	3628	Operations
3804		Accept Permit	0.25 hrs	Wed 17/05/23 11:15	Wed 17/05/23 11:30	3803	T Maruping,T Mbangiwa
3805		Carry out risk assessment	0.25 hrs	Wed 17/05/23 11:30	Wed 17/05/23 11:45	3804	T Maruping,T Mbangiwa
3806		Inspect pneumatic cylinders	2 hrs	Wed 17/05/23 11:45	Wed 17/05/23 14:15	3805	T Maruping,T Mbangiwa
3807		Remove faulty cylinders	2 hrs	Wed 17/05/23 14:15	Wed 17/05/23 16:15	3806	T Maruping,T Mbangiwa
3808		Replace cylinders	2 hrs	Wed 17/05/23 16:15	Thu 18/05/23 07:15	3807	T Maruping,T Mbangiwa
3809		Test machine	2 hrs	Thu 18/05/23 07:15	Thu 18/05/23 09:15	3808	T Maruping,T Mbangiwa
3810		Clear permit	0.25 hrs	Thu 18/05/23 09:15	Thu 18/05/23 09:30	3809	T Maruping,T Mbangiwa
3811		BASHSP-0257 - South Pre Pack Machine - Overhaul and Service	9 hrs	Thu 18/05/23 09:30	Fri 19/05/23 08:00		
3812		Make Out Permit	0.25 hrs	Thu 18/05/23 09:30	Thu 18/05/23 09:45	3810	Operations
3813		Accept Permit	0.25 hrs	Thu 18/05/23 09:45	Thu 18/05/23 10:00	3812	T Maruping,T Mbangiwa
3814		Carry out risk assessment	0.25 hrs	Thu 18/05/23 10:00	Thu 18/05/23 10:15	3813	T Maruping,T Mbangiwa
3815		Inspect pneumatic cylinders	2 hrs	Thu 18/05/23 10:15	Thu 18/05/23 12:45	3814	T Maruping,T Mbangiwa
3816		Remove faulty cylinders	2 hrs	Thu 18/05/23 12:45	Thu 18/05/23 14:45	3815	T Maruping,T Mbangiwa
3817		Replace cylinders	2 hrs	Thu 18/05/23 14:45	Thu 18/05/23 16:45	3816	T Maruping,T Mbangiwa
3818		Test machine	2 hrs	Thu 18/05/23 16:45	Fri 19/05/23 07:45	3817	T Maruping,T Mbangiwa
3819		Clear permit	0.25 hrs	Fri 19/05/23 07:45	Fri 19/05/23 08:00	3818	T Maruping,T Mbangiwa