

ID	Task Mode	Asset Code	Task Name	Duration	Start	Finish	Predecessors	Successor
0			Soda Ash Shutdown A Line _ 2021 October 11	147 hrs	11/10/21 07:00	24/10/21 18:00		
1			Shutdown Start	0 hrs	11/10/21 07:00	11/10/21 07:00		5,763,775
2			Shutdown Finish	0 hrs	11/10/21 07:00	11/10/21 07:00		
3		Area 28B	Bicarbonate Filtration	129.75 hrs	11/10/21 07:00	23/10/21 10:45		
4			Operations	21 hrs	11/10/21 07:00	12/10/21 23:00		
5		28B2FB01	Filtrate Recievers - Clean Recievers And Inspect	12 hrs	11/10/21 07:00	12/10/21 08:30	1	
6			Clean recievers	12 hrs	11/10/21 07:00	12/10/21 08:30		
7			Filtration Cleaning	21 hrs	11/10/21 07:00	12/10/21 23:00	1	416,694,1
8			Clean plant	40 hrs	11/10/21 07:00	12/10/21 23:00		
9		Area 28B	Maintenance	108.75 hrs	12/10/21 23:00	23/10/21 10:45		
10		28B2FK01	# A BELT FILTER - Install Ripple Skirting	50.5 hrs	12/10/21 23:00	17/10/21 16:00	7	31
11			Make Out Permit	0.25 hrs	12/10/21 23:00	12/10/21 23:15		12
12			Accept Permit	0.25 hrs	13/10/21 07:00	13/10/21 07:15	11	13
13			Carry Out Risk Assesment	0.25 hrs	13/10/21 07:15	13/10/21 07:30	12	14
14			Disconnect The Hoses To The Troughs And Remove It	1.5 hrs	13/10/21 07:30	13/10/21 09:00	13	15
15			Rig Out The Troughs	1 hr	13/10/21 09:00	13/10/21 10:00	14	16
16			Lift The Counterweight For The Cloth And Slack	0.5 hrs	13/10/21 10:00	13/10/21 10:30	15	17
17			Remove A Section Of The Skirting	8 hrs	13/10/21 10:30	14/10/21 08:00	16	18
18			Replace A Section Of The Skirting With A New One	16 hrs	14/10/21 08:00	15/10/21 14:00	17	19
19			Allow To Cure	8 hrs	15/10/21 14:00	16/10/21 11:00	18	20
20			Relocate To The Other Side Of The Belt And Perform Step 4,5,6,	0.5 hrs	16/10/21 11:00	16/10/21 11:30	19	21
21			Sign Off The Permit After Curing	0.25 hrs	16/10/21 11:30	16/10/21 11:45	20	22
22			Obtain Test Run Permit	0.25 hrs	16/10/21 11:45	16/10/21 12:00	21	23
23			Open The Seal Water Before Running	0.5 hrs	16/10/21 12:30	16/10/21 13:00	22	24
24			Run The Belt To Position Another Portion To Be Replaced	0.5 hrs	16/10/21 13:00	16/10/21 13:30	23	25
25			Isolate And Lockout The Belt	0.5 hrs	16/10/21 13:30	16/10/21 14:00	24	26
26			Repeat Step 4,5,6,7,8,9,10&11 Until Completion	10 hrs	16/10/21 14:00	17/10/21 13:30	25	27
27			Replace Troughs And Connect Hoses	1 hr	17/10/21 13:30	17/10/21 14:30	26	28
28			Lower The Filter Cloth Counter Weight	0.5 hrs	17/10/21 14:30	17/10/21 15:00	27	29
29			Carry Out Housekeeping	0.5 hrs	17/10/21 15:00	17/10/21 15:30	28	30
30			Sign Off The Permit	0.5 hrs	17/10/21 15:30	17/10/21 16:00	29	
31		28B2FK01	# A BELT FILTER GEARBOX - Filter Drive Unit Change Oil repair leaks	4.25 hrs	17/10/21 16:00	18/10/21 09:15	10	46
32			Make Out Permit	0.25 hrs	17/10/21 16:00	17/10/21 16:15		33
33			Accept Permit	0.25 hrs	17/10/21 16:15	17/10/21 16:30	32	34
34			Carry Out Risk Assesment	0.25 hrs	17/10/21 16:30	17/10/21 16:45	33	35
35			Prepare An Empty Drum For The Used Oil And Have It Readily Available	0.25 hrs	17/10/21 16:45	17/10/21 17:00	34	36
36			Connect Hose To The Drain Valve And Direct It To The Empty Drum	0.5 hrs	17/10/21 17:00	17/10/21 17:30	35	37
37			Remove The Breather And Open Drain Valve	0.25 hrs	17/10/21 17:30	17/10/21 17:45	36	38
38			Flush The Gear Box	0.5 hrs	17/10/21 17:45	18/10/21 07:15	37	39
39			Close The Drain Valve And Remove The Hose	0.25 hrs	18/10/21 07:15	18/10/21 07:30	38	40
40			Open The Filler Plug	0.25 hrs	18/10/21 07:30	18/10/21 07:45	39	41
41			Re Fill To The Correct Level	0.5 hrs	18/10/21 07:45	18/10/21 08:15	40	42
42			Replace The Breather	0.25 hrs	18/10/21 08:15	18/10/21 08:30	41	43
43			Close The Filler Plug	0.25 hrs	18/10/21 08:30	18/10/21 08:45	42	44
44			Carry Out House Keeping	0.25 hrs	18/10/21 08:45	18/10/21 09:00	43	45
45			Clear Permit	0.25 hrs	18/10/21 09:00	18/10/21 09:15	44	
46		28B2FK01	# A Belt Filter - Clean Airbox	38.75 hrs	18/10/21 09:15	21/10/21 17:00	31	55
47			Make Out Permit	0.25 hrs	18/10/21 09:15	18/10/21 09:30		48

ID	Task Mode	Asset Code	Task Name	Duration	Start	Finish	Predecessors	Successor
48			Accept Permit	0.25 hrs	18/10/21 09:30	18/10/21 09:45	47	49
49			Lift Belt,Remove Bolts & Top Of Air Box	17.5 hrs	18/10/21 09:45	19/10/21 17:15	48	
50			Clean Out Air Box	17.25 hrs	18/10/21 09:15	19/10/21 02:30		
51			Introduce Inspection Cover (Brown)	5.5 hrs	18/10/21 09:15	18/10/21 15:15		
52			Replace Cover	33 hrs	18/10/21 09:15	21/10/21 10:45		53
53			Test Run	5.5 hrs	21/10/21 10:45	21/10/21 16:45	52	54
54			Clear Permit	0.25 hrs	21/10/21 16:45	21/10/21 17:00	53	
55		28B2GA07	# 1 CLOTH WASH PUMP - Carry Out Inspection	11.25 hrs	21/10/21 17:00	22/10/21 17:45	46	
56			Make Out Permit	0.25 hrs	21/10/21 17:00	21/10/21 17:15		57
57			Accept Permit	0.25 hrs	21/10/21 17:15	21/10/21 17:30	56	58
58			Remove Guard	0.5 hrs	21/10/21 17:30	21/10/21 18:00	57	59
59			Inspect Coupling	1 hr	22/10/21 07:00	22/10/21 08:00	58	60
60			Check all mounting bolts	0.5 hrs	22/10/21 08:00	22/10/21 08:30	59	61
61			Check condition of the base	1 hr	22/10/21 08:30	22/10/21 09:30	60	62
62			Check all flanges both discharge & suction	0.5 hrs	22/10/21 09:30	22/10/21 10:00	61	63
63			Inspect all belows	1 hr	22/10/21 10:00	22/10/21 11:00	62	64
64			Drain & Refill Oil	1.5 hrs	22/10/21 11:00	22/10/21 13:00	63	65
65			Repack glands	1 hr	22/10/21 13:00	22/10/21 14:00	64	66
66			Carry Out or cross check Laser Alignment	3 hrs	22/10/21 14:00	22/10/21 17:00	65	67
67			Replace Guard	0.5 hrs	22/10/21 17:00	22/10/21 17:30	66	68
68			Clear Permit	0.25 hrs	22/10/21 17:30	22/10/21 17:45	67	
69		28B2FK01	# A BELT FILTER - Replace Wear Belts & seal strips	47.75 hrs	12/10/21 23:00	17/10/21 13:15	7	85
70			Make Out Permit	0.25 hrs	12/10/21 23:00	12/10/21 23:15		71
71			Accept Permit	0.25 hrs	13/10/21 07:00	13/10/21 07:15	70	72
72			Carry Out Risk Assesment	0.25 hrs	13/10/21 07:15	13/10/21 07:30	71	73
73			Remove All Vacuum Box Supporting Nuts	8 hrs	13/10/21 07:30	13/10/21 16:00	72	74
74			Lift The Counter Weights	6 hrs	13/10/21 16:00	14/10/21 11:00	73	75
75			Remove Northern Belt	2 hrs	14/10/21 11:00	14/10/21 13:30	74	76
76			Remove Bolts Attaching The Vacuum Box To The Counter Weights	8 hrs	14/10/21 13:30	15/10/21 10:30	75	77
77			Remove The Southern Wear Belt	2 hrs	15/10/21 10:30	15/10/21 13:00	76	78
78			Install Southern Wear Belt	2 hrs	15/10/21 13:00	15/10/21 15:00	77	79
79			Put Back The Bolts Attaching The Vacuum Box To The Counter Weights	8 hrs	15/10/21 15:00	16/10/21 12:00	78	80
80			Install The Northern Belt	2 hrs	16/10/21 12:30	16/10/21 14:30	79	81
81			Drop The Counter Weights, Lift The Vacuum Box	2 hrs	16/10/21 14:30	16/10/21 16:30	80	82
82			Put Back The Nuts Securing The Vacuum Box	6 hrs	16/10/21 16:30	17/10/21 11:30	81	83
83			Set/Check Clearance	1 hr	17/10/21 11:30	17/10/21 13:00	82	84
84			Clear Permit	0.25 hrs	17/10/21 13:00	17/10/21 13:15	83	
85		28B2FK01	# A BELT FILTER - repair Gearbox Base and Swivel Mechanism	18.25 hrs	17/10/21 13:15	19/10/21 10:00	69	97
86			Fabricate swivel mechanism prior	0 hrs	17/10/21 13:15	17/10/21 13:15		87
87			Sand and paint prior	0 hrs	17/10/21 13:15	17/10/21 13:15	86	88
88			Make out permit	0.25 hrs	17/10/21 13:15	17/10/21 13:30	87	89
89			Accept permit	0.25 hrs	17/10/21 13:30	17/10/21 13:45	88	90
90			Conduct risk assessment	0.25 hrs	17/10/21 13:45	17/10/21 14:00	89	91
91			Cut and undo bolts	2.5 hrs	17/10/21 14:00	17/10/21 16:30	90	92
92			Remove gearbox	2.5 hrs	17/10/21 16:30	18/10/21 08:00	91	93
93			Repair gear base & swivel mechanism	9 hrs	18/10/21 08:00	18/10/21 17:30	92	94
94			Re install gearbox	3 hrs	18/10/21 17:30	19/10/21 09:30	93	95
95			House keeping	0.25 hrs	19/10/21 09:30	19/10/21 09:45	94	96

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96			Clear permit	0.25 hrs	19/10/21 09:45	19/10/21 10:00	95	
97		28B2GA03	# A 3RD STAGE FILTRATE PUMP - Install New Non Return Valve	10.5 hrs	19/10/21 10:00	20/10/21 10:00	85	108
98			Clean The Area (Prior)	0 hrs	19/10/21 10:00	19/10/21 10:00		99
99			Make Out Permits	0.25 hrs	19/10/21 10:00	19/10/21 10:15	98	100
100			Accept Permit To Work	0.25 hrs	19/10/21 10:15	19/10/21 10:30	99	101
101			Carry Out Risk Assessment	0.25 hrs	19/10/21 10:30	19/10/21 10:45	100	102
102			Modify pipe work	8 hrs	19/10/21 10:45	20/10/21 08:15	101	103
103			Fit in New Valve In Position And Align Holes	0.5 hrs	20/10/21 08:15	20/10/21 08:45	102	104
104			Replace Bolts/Studs And Tighten	0.5 hrs	20/10/21 08:45	20/10/21 09:15	103	105
105			Carry Out Housekeeping	0.25 hrs	20/10/21 09:15	20/10/21 09:30	104	106
106			Sign Off Permit	0.25 hrs	20/10/21 09:30	20/10/21 09:45	105	107
107			Clear Permit	0.25 hrs	20/10/21 09:45	20/10/21 10:00	106	
108		28B2GA04	# A 4TH STAGE FILTRATE PUMP - Install New Non Return Valve	10.5 hrs	20/10/21 10:00	21/10/21 10:00	97	119
109			Clean The Area (Prior)	0 hrs	20/10/21 10:00	20/10/21 10:00		110
110			Make Out Permits	0.25 hrs	20/10/21 10:00	20/10/21 10:15	109	111
111			Accept Permit To Work	0.25 hrs	20/10/21 10:15	20/10/21 10:30	110	112
112			Carry Out Risk Assessment	0.25 hrs	20/10/21 10:30	20/10/21 10:45	111	113
113			Modify pipe work	8 hrs	20/10/21 10:45	21/10/21 08:15	112	114
114			Fit in New Valve In Position And Align Holes	0.5 hrs	21/10/21 08:15	21/10/21 08:45	113	115
115			Replace Bolts/Studs And Tighten	0.5 hrs	21/10/21 08:45	21/10/21 09:15	114	116
116			Carry Out Housekeeping	0.25 hrs	21/10/21 09:15	21/10/21 09:30	115	117
117			Sign Off Permit	0.25 hrs	21/10/21 09:30	21/10/21 09:45	116	118
118			Clear Permit	0.25 hrs	21/10/21 09:45	21/10/21 10:00	117	
119		28B2GA02	#A SECOND STAGE FILTRATE PUMP - Install New Non Return Valve	10.5 hrs	21/10/21 10:00	22/10/21 10:00	108	130
120			Clean The Area (Prior)	0 hrs	21/10/21 10:00	21/10/21 10:00		121
121			Make Out Permits	0.25 hrs	21/10/21 10:00	21/10/21 10:15	120	122
122			Accept Permit To Work	0.25 hrs	21/10/21 10:15	21/10/21 10:30	121	123
123			Carry Out Risk Assessment	0.25 hrs	21/10/21 10:30	21/10/21 10:45	122	124
124			Modify pipe work	8 hrs	21/10/21 10:45	22/10/21 08:15	123	125
125			Fit in New Valve In Position And Align Holes	0.5 hrs	22/10/21 08:15	22/10/21 08:45	124	126
126			Replace Bolts/Studs And Tighten	0.5 hrs	22/10/21 08:45	22/10/21 09:15	125	127
127			Carry Out Housekeeping	0.25 hrs	22/10/21 09:15	22/10/21 09:30	126	128
128			Sign Off Permit	0.25 hrs	22/10/21 09:30	22/10/21 09:45	127	129
129			Clear Permit	0.25 hrs	22/10/21 09:45	22/10/21 10:00	128	
130		28B2GB03	# A2 VACUUM PUMP - Install Suction Valves	5.5 hrs	22/10/21 10:00	22/10/21 16:00	119	144
131			Erect scaffold prior	0 hrs	22/10/21 10:00	22/10/21 10:00		
132			Make out permit	0.25 hrs	22/10/21 10:00	22/10/21 10:15		133
133			Accept permit	0.25 hrs	22/10/21 10:15	22/10/21 10:30	132	134
134			Carry out risk assesment	0.25 hrs	22/10/21 10:30	22/10/21 10:45	133	135
135			Support valve & remove valve (valve in close position)	0.5 hrs	22/10/21 10:45	22/10/21 11:15	134	136
136			Loosen & remove all securing bolts	1 hr	22/10/21 11:15	22/10/21 12:45	135	137
137			Rig out old valve	0.5 hrs	22/10/21 12:45	22/10/21 13:15	136	138
138			Rig in new valve in position	1 hr	22/10/21 13:15	22/10/21 14:15	137	139
139			Replace all bolts	0.25 hrs	22/10/21 14:15	22/10/21 14:30	138	140
140			tighten all bolts in correct sequence	0.5 hrs	22/10/21 14:30	22/10/21 15:00	139	141
141			Remove crane & slings	0.5 hrs	22/10/21 15:00	22/10/21 15:30	140	142
142			house keeping	0.25 hrs	22/10/21 15:30	22/10/21 15:45	141	143
143			Clear permit	0.25 hrs	22/10/21 15:45	22/10/21 16:00	142	

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144		28B2GB04	# A3 VACUUM PUMP - Install Suction Valves	5.5 hrs	22/10/21 16:00	23/10/21 10:30	130	
145			Make out permit	0.25 hrs	22/10/21 16:00	22/10/21 16:15		146
146			Accept permit	0.25 hrs	22/10/21 16:15	22/10/21 16:30	145	147
147			Carry out risk assesment	0.25 hrs	22/10/21 16:30	22/10/21 16:45	146	148
148			Support valve & remove valve (valve in close position)	0.5 hrs	22/10/21 16:45	22/10/21 17:15	147	149
149			Loosen & remove all securing bolts	1 hr	22/10/21 17:15	23/10/21 07:15	148	150
150			Rig out old valve	0.5 hrs	23/10/21 07:15	23/10/21 07:45	149	151
151			Rig in new valve in position	1 hr	23/10/21 07:45	23/10/21 08:45	150	152
152			Replace all bolts	0.25 hrs	23/10/21 08:45	23/10/21 09:00	151	153
153			tighten all bolts in correct sequence	0.5 hrs	23/10/21 09:00	23/10/21 09:30	152	154
154			Remove crane & slings	0.5 hrs	23/10/21 09:30	23/10/21 10:00	153	155
155			house keeping	0.25 hrs	23/10/21 10:00	23/10/21 10:15	154	156
156			Clear permit	0.25 hrs	23/10/21 10:15	23/10/21 10:30	155	
157		28B2EA01	1 SEAL WATER HEAT EXCHANGER - Open,Clean And Repair	13 hrs	12/10/21 23:00	14/10/21 09:30	7	
158			Make Out Permit	0.25 hrs	12/10/21 23:00	12/10/21 23:15		159
159			Accept Permit	0.25 hrs	13/10/21 07:00	13/10/21 07:15	158	160
160			Carry Out Risk Assesment	0.25 hrs	13/10/21 07:15	13/10/21 07:30	159	161
161			Remove The Denso Tape	0.25 hrs	13/10/21 07:30	13/10/21 07:45	160	162
162			Loosen And Remove Tie Rod Following The Correct Sequence To Avoid Twisting And The Plates	2 hrs	13/10/21 07:45	13/10/21 09:45	161	163
163			Pull The Plate Follower Backwards To Allow Easy Removal Of The Plates	0.5 hrs	13/10/21 09:45	13/10/21 10:15	162	164
164			Spread The Plates Along The Cross Beam For Easy Washing Of The Plates	0.5 hrs	13/10/21 10:15	13/10/21 10:45	163	165
165			Wash All The Plates While Hanging On The Beam	0.5 hrs	13/10/21 10:45	13/10/21 11:15	164	166
166			Remove The Plates And Stack Them On The Pallets According To Their Pattern	1 hr	13/10/21 11:15	13/10/21 12:45	165	167
167			Wash And Inspect Thoroughly Each Plate And Gasket For Cracks,Wear,Holes And Deformation	2 hrs	13/10/21 12:45	13/10/21 14:45	166	168
168			Repack The Plates Back On The Beam According To The Correct Pattern Replacing The Damaged Ones During The Proc	2 hrs	13/10/21 14:45	13/10/21 16:45	167	169
169			Reposition The Follower And Tie Rods	0.5 hrs	13/10/21 16:45	13/10/21 17:15	168	170
170			Tighten The Tie Rods Following A Correct Sequence So That The Back Plate Moves And Compresses The Plates Square	1 hr	13/10/21 17:15	14/10/21 07:15	169	171
171			Pressure Test And Check For Leaks	1 hr	14/10/21 07:15	14/10/21 08:15	170	172
172			Apply Anti Seize To The Tie Rods And Wrap With Denso After Completion	0.5 hrs	14/10/21 08:15	14/10/21 08:45	171	173
173			Carry Out Housekeeping	0.25 hrs	14/10/21 08:45	14/10/21 09:00	172	174
174			Sign Off Permit	0.25 hrs	14/10/21 09:00	14/10/21 09:15	173	175
175			Clear Permit	0.25 hrs	14/10/21 09:15	14/10/21 09:30	174	
176		28B2FK01	# A BELT FILTER - Inspect all Bearings	39.25 hrs	13/10/21 07:00	16/10/21 15:15	7	187
177			Accept permit	0.25 hrs	13/10/21 07:00	13/10/21 07:15		178
178			Access permit	0.25 hrs	13/10/21 07:15	13/10/21 07:30	177	179
179			Isolate & lock out	0.25 hrs	13/10/21 07:30	13/10/21 07:45	178	180
180			Carry out risk assesment	0.25 hrs	13/10/21 07:45	13/10/21 08:00	179	181
181			Slacken the adjusting bolts	6 hrs	13/10/21 08:00	13/10/21 14:30	180	182
182			Inspect/replace bearings	24 hrs	13/10/21 14:30	15/10/21 17:30	181	183
183			Tension the belt	4 hrs	15/10/21 17:30	16/10/21 10:30	182	184
184			Carry out house keeping	2 hrs	16/10/21 10:30	16/10/21 13:00	183	185
185			Commission	2 hrs	16/10/21 13:00	16/10/21 15:00	184	186
186			Clear permit	0.25 hrs	16/10/21 15:00	16/10/21 15:15	185	
187		28B2EA02	2 SEAL WATER HEAT EXCHANGER - Open,Clean And Repair	13.25 hrs	16/10/21 15:15	17/10/21 18:00	176	206
188			Make Out Permit	0.25 hrs	16/10/21 15:15	16/10/21 15:30		189
189			Accept Permit	0.25 hrs	16/10/21 15:30	16/10/21 15:45	188	190
190			Carry Out Risk Assesment	0.25 hrs	16/10/21 15:45	16/10/21 16:00	189	191
191			Remove The Denso Tape	0.25 hrs	16/10/21 16:00	16/10/21 16:15	190	192

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192			Loosen And Remove Tie Rod Following Following The Correct Sequence To Avoid Twisting And The Plates	2 hrs	16/10/21 16:15	17/10/21 07:15	191	193
193			Pull The Plate Follower Backwards To Allow Easy Removal Of The Plates	0.5 hrs	17/10/21 07:15	17/10/21 07:45	192	194
194			Spread The Plates Along The Cross Beam For Easy Washing Of The Plates	0.5 hrs	17/10/21 07:45	17/10/21 08:15	193	195
195			Wash All The Plates While Hanging On The Beam	0.5 hrs	17/10/21 08:15	17/10/21 08:45	194	196
196			Remove The Plates And Stack Them On The Pallets According To Their Pattern	1 hr	17/10/21 08:45	17/10/21 09:45	195	197
197			Wash And Inspect Thoroughly Each Plate And Gasket For Cracks,Wear,Holes And Deformation	2 hrs	17/10/21 09:45	17/10/21 11:45	196	198
198			Repack The Plates Back On The Beam According To The Correct Pattern Replacing The Damaged Ones During The Proc	2 hrs	17/10/21 11:45	17/10/21 14:15	197	199
199			Reposition The Follower And Tie Rods	0.5 hrs	17/10/21 14:15	17/10/21 14:45	198	200
200			Tighten The Tie Rods Following A Correct Sequence So That The Back Plate Moves And Compresses The Plates Square	1 hr	17/10/21 14:45	17/10/21 15:45	199	201
201			Pressure Test And Check For Leaks	1 hr	17/10/21 15:45	17/10/21 16:45	200	202
202			Apply Anti Seize To The Tie Rods And Wrap With Denso After Completion	0.5 hrs	17/10/21 16:45	17/10/21 17:15	201	203
203			Carry Out Housekeeping	0.25 hrs	17/10/21 17:15	17/10/21 17:30	202	204
204			Sign Off Permit	0.25 hrs	17/10/21 17:30	17/10/21 17:45	203	205
205			Clear Permit	0.25 hrs	17/10/21 17:45	17/10/21 18:00	204	
206		28B2GA06A	# 1 SEAL WATER PUMP - Carry Out Inspection	9 hrs	17/10/21 18:00	18/10/21 16:30	187	220
207			Make Out Permit	0.25 hrs	17/10/21 18:00	17/10/21 18:15		208
208			Accept Permit	0.25 hrs	18/10/21 07:00	18/10/21 07:15	207	209
209			Carry Out Risk Assesment	0.25 hrs	18/10/21 07:15	18/10/21 07:30	208	210
210			Remove The Guards For The V Belts	0.5 hrs	18/10/21 07:30	18/10/21 08:00	209	211
211			Inspect V Belts And Change If Necessary	0.5 hrs	18/10/21 08:00	18/10/21 08:30	210	212
212			Inspect Columns For Holes,Corrossion And Replace If Necessary (Rig out pump)	2.5 hrs	18/10/21 08:30	18/10/21 11:00	211	213
213			Grease All Bearings (Rig in if pump was rigged out)	1.5 hrs	18/10/21 11:00	18/10/21 13:00	212	214
214			Replace Guards	0.5 hrs	18/10/21 13:00	18/10/21 13:30	213	215
215			Remove Covers For Operations To Clean	1 hr	18/10/21 13:30	18/10/21 14:30	214	216
216			Inspect The Float For Scaling,Holes And Seizure	0.5 hrs	18/10/21 14:30	18/10/21 15:00	215	217
217			Replace Covers When Cleaning Is Complete	1 hr	18/10/21 15:00	18/10/21 16:00	216	218
218			Carry Out Housekeeping	0.25 hrs	18/10/21 16:00	18/10/21 16:15	217	219
219			Clear Permit	0.25 hrs	18/10/21 16:15	18/10/21 16:30	218	
220		28B2GA06B	# 2 SEAL WATER PUMP - Carry Out Inspection	9.25 hrs	18/10/21 16:30	19/10/21 15:15	206	234
221			Make Out Permit	0.25 hrs	18/10/21 16:30	18/10/21 16:45		222
222			Accept Permit	0.25 hrs	18/10/21 16:45	18/10/21 17:00	221	223
223			Carry Out Risk Assesment	0.25 hrs	18/10/21 17:00	18/10/21 17:15	222	224
224			Remove The Guards For The V Belts	0.5 hrs	18/10/21 17:15	18/10/21 17:45	223	225
225			Inspect V Belts And Change If Necessary	0.5 hrs	18/10/21 17:45	19/10/21 07:15	224	226
226			Inspect Columns For Holes,Corrossion And Replace If Necessary (Rig out pump)	2.5 hrs	19/10/21 07:15	19/10/21 09:45	225	227
227			Grease All Bearings (Rig in if pump was rigged out)	1.5 hrs	19/10/21 09:45	19/10/21 11:15	226	228
228			Replace Guards	0.5 hrs	19/10/21 11:15	19/10/21 11:45	227	229
229			Remove Covers For Operations To Clean	1 hr	19/10/21 11:45	19/10/21 13:15	228	230
230			Inspect The Float For Scaling,Holes And Seizure	0.5 hrs	19/10/21 13:15	19/10/21 13:45	229	231
231			Replace Covers When Cleaning Is Complete	1 hr	19/10/21 13:45	19/10/21 14:45	230	232
232			Carry Out Housekeeping	0.25 hrs	19/10/21 14:45	19/10/21 15:00	231	233
233			Clear Permit	0.25 hrs	19/10/21 15:00	19/10/21 15:15	232	
234		28B2GA01A	# A PRIMARY FILTRATE PUMP - Overhaul Pump	12 hrs	19/10/21 15:15	20/10/21 16:45	220	255
235			Make Out Permit	0.25 hrs	19/10/21 15:15	19/10/21 15:30		236
236			Accept Permit	0.25 hrs	19/10/21 15:30	19/10/21 15:45	235	237
237			Carry Out Risk Assesment	0.25 hrs	19/10/21 15:45	19/10/21 16:00	236	238
238			Close Gland Service Water Valve And Disconnect Pipe	0.1 hrs	19/10/21 16:00	19/10/21 16:06	237	239
239			Remove Guard	0.25 hrs	19/10/21 16:06	19/10/21 16:21	238	240

ID	Task Mode	Asset Code	Task Name	Duration	Start	Finish	Predecessors	Successor
240			Loosen The Top Nut Of The Adjusting Studs To Slack The V Belts	0.25 hrs	19/10/21 16:21	19/10/21 16:36	239	241
241			Remove V Belts And Inspect Them	0.5 hrs	19/10/21 16:36	19/10/21 17:06	240	242
242			Undo The Bottom Nut For The Adjusting Studs	0.5 hrs	19/10/21 17:06	19/10/21 17:36	241	243
243			Lift The Motor And Its Base To Separate It From The Pump	1 hr	19/10/21 17:36	20/10/21 07:36	242	244
244			Loosen, Remove All The Pump Mounting Bolts, Rig out & transport to workshop	3 hrs	20/10/21 07:36	20/10/21 10:36	243	
245			Strip and overhaul	12 hrs	19/10/21 15:15	20/10/21 16:45		
246			Transport Pump To The Site	0.5 hrs	19/10/21 15:15	19/10/21 15:45	309	247
247			Rig In Position And Secure	1.5 hrs	19/10/21 15:45	19/10/21 17:15	246	248
248			Rig In Motor And Its Base	0.5 hrs	19/10/21 17:15	19/10/21 17:45	247	249
249			Align The Motor And Pump Pulley	0.5 hrs	19/10/21 17:45	20/10/21 07:15	248	250
250			Install A Matched Set Of V Belts Spz 13Nx1250 And Tension To The Correct Force And Deflection	0.5 hrs	20/10/21 07:15	20/10/21 07:45	249	251
251			Replace Guards And Secure	0.25 hrs	20/10/21 07:45	20/10/21 08:00	250	252
252			Carry Out House Keeping	0.25 hrs	20/10/21 08:00	20/10/21 08:15	251	253
253			Sign Off Permit	0.25 hrs	20/10/21 08:15	20/10/21 08:30	252	254
254			Clear Permit	0.25 hrs	20/10/21 08:30	20/10/21 08:45	253	
255		28B2GA08	# 2 CLOTH WASH PUMP - Carry Out Inspection	11.25 hrs	20/10/21 16:45	21/10/21 17:30	234	
256			Make Out Permit	0.25 hrs	20/10/21 16:45	20/10/21 17:00		257
257			Accept Permit	0.25 hrs	20/10/21 17:00	20/10/21 17:15	256	258
258			Remove Guard	0.5 hrs	20/10/21 17:15	20/10/21 17:45	257	259
259			Inspect Coupling	1 hr	20/10/21 17:45	21/10/21 07:45	258	260
260			Check all mounting bolts	0.5 hrs	21/10/21 07:45	21/10/21 08:15	259	261
261			Check condition of the base	1 hr	21/10/21 08:15	21/10/21 09:15	260	262
262			Check all flanges both discharge & suction	0.5 hrs	21/10/21 09:15	21/10/21 09:45	261	263
263			Inspect all belows	1 hr	21/10/21 09:45	21/10/21 10:45	262	264
264			Drain & Refill Oil	1.5 hrs	21/10/21 10:45	21/10/21 12:45	263	265
265			Repack glands	1 hr	21/10/21 12:45	21/10/21 13:45	264	266
266			Carry Out or cross check Laser Alignment	3 hrs	21/10/21 13:45	21/10/21 16:45	265	267
267			Replace Guard	0.5 hrs	21/10/21 16:45	21/10/21 17:15	266	268
268			Clear Permit	0.25 hrs	21/10/21 17:15	21/10/21 17:30	267	
269		28B2GB01	# A AIR BLOWER - Clean, Replace Blower Rotor & modify casing drain valve	25 hrs	12/10/21 23:00	15/10/21 11:00	7	302
270			Make Out Permit	0.25 hrs	12/10/21 23:00	12/10/21 23:15		271
271			Accept Permit	0.25 hrs	13/10/21 07:00	13/10/21 07:15	270	272
272			Open Housing Covers And Inspect Blower	1 hr	13/10/21 07:15	13/10/21 08:15	271	273
273			Inspect Housing For Cracks And Repair If Defected	3 hrs	13/10/21 08:15	13/10/21 11:15	272	274
274			Clean Housing And Fan	2 hrs	13/10/21 11:15	13/10/21 13:15	273	275
275			Clean Out And Inspect Bearings, Replace If Defected	4 hrs	13/10/21 13:15	13/10/21 17:15	274	276
276			Inspect Vee Belt Condition, Tension And Alignment	1 hr	13/10/21 17:15	14/10/21 07:15	275	277
277			Box Up	1 hr	14/10/21 07:15	14/10/21 08:15	276	278
278			Clear Permit	0.25 hrs	14/10/21 08:15	14/10/21 08:30	277	279
279			Accept Permit	0.25 hrs	14/10/21 08:30	14/10/21 08:45	278	280
280			Loosen And Remove Guards	0.25 hrs	14/10/21 08:45	14/10/21 09:00	279	281
281			Loosen Mounting Bolts For The Motor And Slack V Belts Using Adjusting Bolts	0.5 hrs	14/10/21 09:00	14/10/21 09:30	280	282
282			Remove V Belts	0.25 hrs	14/10/21 09:30	14/10/21 09:45	281	283
283			Remove The Pulley On The Rotor Shaft	0.5 hrs	14/10/21 09:45	14/10/21 10:15	282	284
284			Open Plummer Blocks,Clean Grease And Remove Bearings	1 hr	14/10/21 10:15	14/10/21 11:15	283	285
285			Remove The Inlet Cover Of The Fan Housing To Enable The Rotor To Pass Through	0.5 hrs	14/10/21 11:15	14/10/21 11:45	284	286
286			Remove The Rotor(Fan)	0.5 hrs	14/10/21 11:45	14/10/21 12:45	285	287
287			Remove The Bolts Connecting The Blower Outlet To The Airbox And The Casing Mounting Bolts	1 hr	14/10/21 12:45	14/10/21 13:45	286	288

ID	Task Mode	Asset Code	Task Name	Duration	Start	Finish	Predecessors	Successor
288			Rig Out The Old Casing	0.5 hrs	14/10/21 13:45	14/10/21 14:15	287	289
289			Rig In A New Casing And Secure	1 hr	14/10/21 14:15	14/10/21 15:15	288	290
290			Insert The Rotor In The Casing	0.5 hrs	14/10/21 15:15	14/10/21 15:45	289	291
291			Install Bearings On The Shaft,Lock Them And Locate In The Plummer Blocks	1.5 hrs	14/10/21 15:45	14/10/21 17:15	290	292
292			Pack Bearings With New Grease And Close Plummer Blocks	0.5 hrs	14/10/21 17:15	14/10/21 17:45	291	293
293			Install Pulley On The Rotor Shaft And Align To The Motor Pulley	1 hr	14/10/21 17:45	15/10/21 07:45	292	294
294			Manually Rotate The Rotor And Check If It Is Not Touching On The Casing	0.25 hrs	15/10/21 07:45	15/10/21 08:00	293	295
295			Install A Set Of Matched V Belts Spb 16N X 2020	0.5 hrs	15/10/21 08:00	15/10/21 08:30	294	296
296			Tension The Correct Force And Deflection	0.5 hrs	15/10/21 08:30	15/10/21 09:00	295	297
297			Confirm Alignment And Secure The Motor Mounting Bolts	0.5 hrs	15/10/21 09:00	15/10/21 09:30	296	298
298			Install Guards And Secure	0.5 hrs	15/10/21 09:30	15/10/21 10:00	297	299
299			Close The Casing Inlet Cover	0.5 hrs	15/10/21 10:00	15/10/21 10:30	298	300
300			Carry Out Housekeeping	0.25 hrs	15/10/21 10:30	15/10/21 10:45	299	301
301			Sign Off The Permit	0.25 hrs	15/10/21 10:45	15/10/21 11:00	300	
302		28B4FT01	VACUUM PUMP HOT WELL SUMP - Replace Float Switch	5 hrs	15/10/21 11:00	15/10/21 16:30	269	310
303			Make out permit	0.25 hrs	15/10/21 11:00	15/10/21 11:15		304
304			Accept permit	0.25 hrs	15/10/21 11:15	15/10/21 11:30	303	305
305			Loosen pivot bolt	1.5 hrs	15/10/21 11:30	15/10/21 13:30	304	306
306			Remove float switch	1.5 hrs	15/10/21 13:30	15/10/21 15:00	305	307
307			Install new float switch	1 hr	15/10/21 15:00	15/10/21 16:00	306	308
308			Tighten pivot bolt	0.25 hrs	15/10/21 16:00	15/10/21 16:15	307	309
309			Clear permit	0.25 hrs	15/10/21 16:15	15/10/21 16:30	308	246
310		28B2GB01	# A1 VACUUM PUMP - Carry Out Inspection	25.75 hrs	15/10/21 16:30	18/10/21 10:15	302	326
311			Make Out Permit	0.25 hrs	15/10/21 16:30	15/10/21 16:45		312
312			Accept Permit	0.25 hrs	15/10/21 16:45	15/10/21 17:00	311	313
313			Carry Out Risk Assesment	0.25 hrs	15/10/21 17:00	15/10/21 17:15	312	314
314			Loosen Guards And Rig Out With A Shuttle Lift	3.5 hrs	15/10/21 17:15	16/10/21 09:45	313	315
315			Inspect V Belts And Replace If Necessary	2.5 hrs	16/10/21 09:45	16/10/21 12:45	314	316
316			Clean The Pulleys And Inspect For Wear And Corrossion	2.5 hrs	16/10/21 12:45	16/10/21 15:15	315	317
317			Grease All The Bearings Using A Manual Grease Pump	2 hrs	16/10/21 15:15	16/10/21 17:15	316	318
318			Rig In Guards And Secure	2.5 hrs	16/10/21 17:15	17/10/21 08:45	317	319
319			Support The Suction Valve With A Crane	2 hrs	17/10/21 08:45	17/10/21 10:45	318	320
320			Loosen And Remove All Bolts	2 hrs	17/10/21 10:45	17/10/21 13:15	319	321
321			Lift The Valve And Inspect Rubber Lining For Wear And Tear	2.5 hrs	17/10/21 13:15	17/10/21 15:45	320	322
322			Lower The Valve In Position Or Replace If Necessary Then Box Up	2.5 hrs	17/10/21 15:45	18/10/21 07:15	321	323
323			Carry Out House Keeping	0.25 hrs	18/10/21 07:15	18/10/21 07:30	322	324
324			Dismantle Scaffolding	2.5 hrs	18/10/21 07:30	18/10/21 10:00	323	325
325			Clear Permit	0.25 hrs	18/10/21 10:00	18/10/21 10:15	324	
326		28B2GB02	# A2 VACUUM PUMP - Carry Out Inspection	24 hrs	18/10/21 10:15	20/10/21 13:45	310	343
327			Make Out Permit	0.25 hrs	18/10/21 10:15	18/10/21 10:30		328
328			Accept Permit	0.25 hrs	18/10/21 10:30	18/10/21 10:45	327	329
329			Carry Out Risk Assesment	0.25 hrs	18/10/21 10:45	18/10/21 11:00	328	330
330			Loosen Guards And Rig Out With A Shuttle Lift	3.5 hrs	18/10/21 11:00	18/10/21 15:00	329	331
331			Inspect V Belts And Replace If Necessary	2.5 hrs	18/10/21 15:00	18/10/21 17:30	330	332
332			Clean The Pulleys And Inspect For Wear And Corrossion	2.5 hrs	18/10/21 17:30	19/10/21 09:00	331	333
333			Grease All Athe Bearings Using A Manual Grease Pump	2 hrs	19/10/21 09:00	19/10/21 11:00	332	334
334			Rig In Guards And Secure	2.5 hrs	19/10/21 11:00	19/10/21 14:00	333	335
335			Support The Suction Valve With A Crane	0.25 hrs	19/10/21 14:00	19/10/21 14:15	334	336

ID	Task Mode	Asset Code	Task Name	Duration	Start	Finish	Predecessor	Successor
336			Loosen And Remove All Bolts	2 hrs	19/10/21 14:15	19/10/21 16:15	335	337
337			Lift The Valve And Inspect Rubber Lining For Wear And Tear	2.25 hrs	19/10/21 16:15	20/10/21 07:30	336	338
338			Lower The Valve In Position Or Replace If Necessary Then Box Up	2.5 hrs	20/10/21 07:30	20/10/21 10:00	337	339
339			Carry Out House Keeping	0.25 hrs	20/10/21 10:00	20/10/21 10:15	338	340
340			Dismantle Scaffolding	2.5 hrs	20/10/21 10:15	20/10/21 13:15	339	341
341			Sign Off The Permit	0.25 hrs	20/10/21 13:15	20/10/21 13:30	340	342
342			Clear Permit	0.25 hrs	20/10/21 13:30	20/10/21 13:45	341	
343		28B2GB02	# A1 VACUUM PUMP - Install Suction Valves	5.5 hrs	20/10/21 13:45	21/10/21 08:15	326	356
344			Make out permit	0.25 hrs	20/10/21 13:45	20/10/21 14:00		345
345			Accept permit	0.25 hrs	20/10/21 14:00	20/10/21 14:15	344	346
346			Carry out risk assesment	0.25 hrs	20/10/21 14:15	20/10/21 14:30	345	347
347			Support valve & remove valve (valve in close position)	0.5 hrs	20/10/21 14:30	20/10/21 15:00	346	348
348			Loosen & remove all securing bolts	1 hr	20/10/21 15:00	20/10/21 16:00	347	349
349			Rig out old valve	0.5 hrs	20/10/21 16:00	20/10/21 16:30	348	350
350			Rig in new valve in position	1 hr	20/10/21 16:30	20/10/21 17:30	349	351
351			Replace all bolts	0.25 hrs	20/10/21 17:30	20/10/21 17:45	350	352
352			tighten all bolts in correct sequence	0.5 hrs	20/10/21 17:45	21/10/21 07:15	351	353
353			Remove crane & slings	0.5 hrs	21/10/21 07:15	21/10/21 07:45	352	354
354			house keeping	0.25 hrs	21/10/21 07:45	21/10/21 08:00	353	355
355			Clear permit	0.25 hrs	21/10/21 08:00	21/10/21 08:15	354	
356		28B2GB03	# A3 VACUUM PUMP - Carry Out Inspection	23.5 hrs	21/10/21 08:15	23/10/21 10:45	343	
357			Make Out Permit	0.25 hrs	21/10/21 08:15	21/10/21 08:30		358
358			Accept Permit	0.25 hrs	21/10/21 08:30	21/10/21 08:45	357	359
359			Carry Out Risk Assesment	0.25 hrs	21/10/21 08:45	21/10/21 09:00	358	360
360			Loosen Guards And Rig Out With A Shuttle Lift	3.5 hrs	21/10/21 09:00	21/10/21 13:00	359	361
361			Inspect V Belts And Replace If Necessary	2.5 hrs	21/10/21 13:00	21/10/21 15:30	360	362
362			Clean The Pulleys And Inspect For Wear And Corrossion	2.5 hrs	21/10/21 15:30	21/10/21 18:00	361	363
363			Grease All Athe Bearings Using A Manual Grease Pump	2 hrs	22/10/21 07:00	22/10/21 09:00	362	364
364			Rig In Guards And Secure	2.5 hrs	22/10/21 09:00	22/10/21 11:30	363	365
365			Support The Suction Valve With A Crane	0.25 hrs	22/10/21 11:30	22/10/21 11:45	364	366
366			Loosen And Remove All Bolts	2 hrs	22/10/21 11:45	22/10/21 14:15	365	367
367			Lift The Valve And Inspect Rubber Lining For Wear And Tear	2.25 hrs	22/10/21 14:15	22/10/21 16:30	366	368
368			Lower The Valve In Position Or Replace If Necessary Then Box Up	2 hrs	22/10/21 16:30	23/10/21 07:30	367	369
369			Carry Out House Keeping	0.25 hrs	23/10/21 07:30	23/10/21 07:45	368	370
370			Dismantle Scaffolding	2.5 hrs	23/10/21 07:45	23/10/21 10:15	369	371
371			Sign Off The Permit	0.25 hrs	23/10/21 10:15	23/10/21 10:30	370	372
372			Clear Permit	0.25 hrs	23/10/21 10:30	23/10/21 10:45	371	
373		28B2RE01	# A BICARBONATE BELT CONVEYOR - Inspect pulley legging	86.75 hrs	13/10/21 07:00	21/10/21 09:45	7	
374			A Bi- Carbo Belt Conveyor - Replace Belt Conveyor	60 hrs	13/10/21 07:00	18/10/21 15:00		375
375			Make Out Permit	0.25 hrs	18/10/21 15:00	18/10/21 15:15	374	376
376			Accept Permit	0.25 hrs	18/10/21 15:15	18/10/21 15:30	375	377
377			Carry Out Risk Assesment	0.25 hrs	18/10/21 15:30	18/10/21 15:45	376	378
378			Run The Conveyor And Mark All Defective Rollers	0.5 hrs	18/10/21 15:45	18/10/21 16:15	377	379
379			Stop And Isolate The Covenyor	0.25 hrs	18/10/21 16:15	18/10/21 16:30	378	380
380			Slack The Conveyor	0.5 hrs	18/10/21 16:30	18/10/21 17:00	379	381
381			Remove Guards On The Drop Out Chutes	0.5 hrs	18/10/21 17:00	18/10/21 17:30	380	382
382			Cut And Join Old Belt To The New One	2 hrs	18/10/21 17:30	19/10/21 08:30	381	383
383			Remove Scrapers	2 hrs	19/10/21 08:30	19/10/21 10:30	382	384

ID	Task Mode	Asset Code	Task Name	Duration	Start	Finish	Predecessors	Successor
384			Pull Out The Old Belt Until The Correct Size Of The New Belt Has Been Installed	1 hr	19/10/21 10:30	19/10/21 11:30	383	385
385			Loosen The Impact Bed And Rig Out	2 hrs	19/10/21 11:30	19/10/21 14:00	384	386
386			Rig In The New Impact Bed	2 hrs	19/10/21 14:00	19/10/21 16:00	385	387
387			Replace All Defective Idlers Including Self Tracking Rollers	1.5 hrs	19/10/21 16:00	19/10/21 17:30	386	388
388			Remove Troughing Idler Frame To Accommodate Splicing Machine	0.5 hrs	19/10/21 17:30	19/10/21 18:00	387	389
389			Perform Hot Splicing	3 hrs	20/10/21 07:00	20/10/21 10:00	388	390
390			Open All Plummer Blocks,Clean Old Grease,Inspect Bearings And Repack With New Grease Or Replace If Necessary	2 hrs	20/10/21 10:00	20/10/21 12:00	389	391
391			Remove V Belt Guards	0.25 hrs	20/10/21 12:30	20/10/21 12:45	390	392
392			Slack V Belts And Replace With New V Belts,Then Tension To The Correct Force And Deflection And Confirm Alignment	1 hr	20/10/21 12:45	20/10/21 13:45	391	393
393			Replace Guard	0.25 hrs	20/10/21 13:45	20/10/21 14:00	392	394
394			Remove The Splicing Machine After Completion	0.5 hrs	20/10/21 14:00	20/10/21 14:30	393	395
395			Replace The Troughing Idler Frame And Secure	0.5 hrs	20/10/21 14:30	20/10/21 15:00	394	396
396			Tension The Conveyor	0.5 hrs	20/10/21 15:00	20/10/21 15:30	395	397
397			Install New Scrapers And Adjust Accordingly	1 hr	20/10/21 15:30	20/10/21 16:30	396	398
398			Replace Skirtings And Adjust Accordingly	2 hrs	20/10/21 16:30	21/10/21 07:30	397	399
399			Carry Out Housekeeping	0.25 hrs	21/10/21 07:30	21/10/21 07:45	398	400
400			Sign Off The Permit And Obtain Test Run Permit	0.25 hrs	21/10/21 07:45	21/10/21 08:00	399	401
401			Run The Conveyor And Track It	1 hr	21/10/21 08:00	21/10/21 09:00	400	402
402			Isolate And Replace Guards	0.5 hrs	21/10/21 09:00	21/10/21 09:30	401	403
403			Clear Permit	0.25 hrs	21/10/21 09:30	21/10/21 09:45	402	
404		28B2FK01	# A BELT FILTER - Modify Tensioning Mechanism	20.75 hrs	12/10/21 23:00	14/10/21 17:45	7	
405			Make new brackets prior	0 hrs	12/10/21 23:00	12/10/21 23:00		406
406			Make out permit	0.25 hrs	12/10/21 23:00	12/10/21 23:15	405	407
407			Accept permit	0.25 hrs	13/10/21 07:00	13/10/21 07:15	406	408
408			Lift counter weight	0.5 hrs	13/10/21 07:15	13/10/21 07:45	407	409
409			Support tensioning roller	0.5 hrs	13/10/21 07:45	13/10/21 08:15	408	410
410			Pull away cloth from the roller	1 hr	13/10/21 08:15	13/10/21 09:15	409	411
411			Cut old bracket for the tensioning roller	6 hrs	13/10/21 09:15	13/10/21 15:45	410	412
412			put tensioning roller in new position & weld	6 hrs	13/10/21 15:45	14/10/21 10:45	411	413
413			Drop counter weight	6 hrs	14/10/21 10:45	14/10/21 17:15	412	414
414			House keepng	0.25 hrs	14/10/21 17:15	14/10/21 17:30	413	415
415			Clear permit	0.25 hrs	14/10/21 17:30	14/10/21 17:45	414	
416		28B2GA07	# 1 CLOTH WASH PUMP - Services Electric Motor And Panel Components	3.25 hrs	12/10/21 23:00	13/10/21 10:15	7	431
417			Make Out Permit	0.25 hrs	12/10/21 23:00	12/10/21 23:15		418
418			Accept Permit	0.25 hrs	13/10/21 07:00	13/10/21 07:15	417	419
419			Cloth Wash Pump # 1	0.25 hrs	13/10/21 07:15	13/10/21 07:30	418	420
420			Services Electric Motor And Panel Components	0.25 hrs	13/10/21 07:30	13/10/21 07:45	419	421
421			Carry Out Electrical Isolation	0.25 hrs	13/10/21 07:45	13/10/21 08:00	420	422
422			Check Loose Connections	0.25 hrs	13/10/21 08:00	13/10/21 08:15	421	423
423			Check Contactor Contacts	0.25 hrs	13/10/21 08:15	13/10/21 08:30	422	424
424			Service Stop /Start	0.25 hrs	13/10/21 08:30	13/10/21 08:45	423	425
425			Check Motor Fan Condition	0.25 hrs	13/10/21 08:45	13/10/21 09:00	424	426
426			Check Cable Terminal Leads For Over Heating	0.25 hrs	13/10/21 09:00	13/10/21 09:15	425	427
427			Tighten Motor Connections & Gland Integrity	0.25 hrs	13/10/21 09:15	13/10/21 09:30	426	428
428			Seal For Moisture And Dust	0.25 hrs	13/10/21 09:30	13/10/21 09:45	427	429
429			Confirm Correct Protection Settings	0.25 hrs	13/10/21 09:45	13/10/21 10:00	428	430
430			Clear Permit	0.25 hrs	13/10/21 10:00	13/10/21 10:15	429	
431		28B2GA08	# 2 CLOTH WASH PUMP - Services Electric Motor And Panel Components	3.25 hrs	13/10/21 10:15	13/10/21 14:00	416	445

ID	Task Mode	Asset Code	Task Name	Duration	Start	Finish	Predecessor	Successor
432			Make Out Permit	0.25 hrs	13/10/21 10:15	13/10/21 10:30		433
433			Accept Permit	0.25 hrs	13/10/21 10:30	13/10/21 10:45	432	434
434			A Line Filter Wash Pump	0.25 hrs	13/10/21 10:45	13/10/21 11:00	433	435
435			Services Electric Motor And Panel Components	0.25 hrs	13/10/21 11:00	13/10/21 11:15	434	436
436			Carry Out Electrical Isolation	0.25 hrs	13/10/21 11:15	13/10/21 11:30	435	437
437			Check Loose Connections In The Panel	0.25 hrs	13/10/21 11:30	13/10/21 11:45	436	438
438			Check Contactor Contacts	0.25 hrs	13/10/21 11:45	13/10/21 12:00	437	439
439			Service Stop/Start	0.25 hrs	13/10/21 12:30	13/10/21 12:45	438	440
440			Check Motor Fan Condition	0.25 hrs	13/10/21 12:45	13/10/21 13:00	439	441
441			Check Cable Terminal Leads For Over Heating	0.25 hrs	13/10/21 13:00	13/10/21 13:15	440	442
442			Tighten Motor Connections & Gland Intregrity	0.25 hrs	13/10/21 13:15	13/10/21 13:30	441	443
443			Seal For Moisture And Dust	0.25 hrs	13/10/21 13:30	13/10/21 13:45	442	444
444			Confirm Correct Protection Settings	0.25 hrs	13/10/21 13:45	13/10/21 14:00	443	
445		28B2GA01A	# A1 PRIMARY FILTRATE PUMP - Carry Out Maintenance On Electrical Components	3.5 hrs	13/10/21 14:00	13/10/21 17:30	431	460
446			Make Out Permit	0.25 hrs	13/10/21 14:00	13/10/21 14:15		447
447			Accept Permit	0.25 hrs	13/10/21 14:15	13/10/21 14:30	446	448
448			Primary Filtrate Pump A	0.25 hrs	13/10/21 14:30	13/10/21 14:45	447	449
449			Services Electric Motor And Panel Components	0.25 hrs	13/10/21 14:45	13/10/21 15:00	448	450
450			Carry Out Electrical Isolation	0.25 hrs	13/10/21 15:00	13/10/21 15:15	449	451
451			Check Loose Connections In The Panel	0.25 hrs	13/10/21 15:15	13/10/21 15:30	450	452
452			Check Contactor Contacts	0.25 hrs	13/10/21 15:30	13/10/21 15:45	451	453
453			Service Stop/Start	0.25 hrs	13/10/21 15:45	13/10/21 16:00	452	454
454			Check Motor Fan Condition	0.25 hrs	13/10/21 16:00	13/10/21 16:15	453	455
455			Check Cable Terminal Leads For Over Heating	0.25 hrs	13/10/21 16:15	13/10/21 16:30	454	456
456			Tighten Motor Connections & Gland Intergrity	0.25 hrs	13/10/21 16:30	13/10/21 16:45	455	457
457			Seal For Moisture And Dust	0.25 hrs	13/10/21 16:45	13/10/21 17:00	456	458
458			Confirm Correct Protection Settings	0.25 hrs	13/10/21 17:00	13/10/21 17:15	457	459
459			Clear Permit	0.25 hrs	13/10/21 17:15	13/10/21 17:30	458	
460		28B2GA01B	# A2 PRIMARY FILTRATE PUMP - Services Electric Motor And Panel Components	3.5 hrs	13/10/21 17:30	14/10/21 10:00	445	475
461			Make Out Permit	0.25 hrs	13/10/21 17:30	13/10/21 17:45		462
462			Accept Permit	0.25 hrs	13/10/21 17:45	13/10/21 18:00	461	463
463			Primary Filtrate Pump B	0.25 hrs	14/10/21 07:00	14/10/21 07:15	462	464
464			Services Electric Motor And Panel Components	0.25 hrs	14/10/21 07:15	14/10/21 07:30	463	465
465			Carry Out Electric Isolation	0.25 hrs	14/10/21 07:30	14/10/21 07:45	464	466
466			Check Loose Connections In The Panel	0.25 hrs	14/10/21 07:45	14/10/21 08:00	465	467
467			Check Contactor Contacts	0.25 hrs	14/10/21 08:00	14/10/21 08:15	466	468
468			Service Stop/Start	0.25 hrs	14/10/21 08:15	14/10/21 08:30	467	469
469			Check Motor Fan Condition	0.25 hrs	14/10/21 08:30	14/10/21 08:45	468	470
470			Check Cable Terminal Leads For Over Heating	0.25 hrs	14/10/21 08:45	14/10/21 09:00	469	471
471			Tighten Motor Connections & Gland Intergrity	0.25 hrs	14/10/21 09:00	14/10/21 09:15	470	472
472			Seal For Moisture And Dust	0.25 hrs	14/10/21 09:15	14/10/21 09:30	471	473
473			Confirm Correct Protection Settings	0.25 hrs	14/10/21 09:30	14/10/21 09:45	472	474
474			Clear Permit	0.25 hrs	14/10/21 09:45	14/10/21 10:00	473	
475		28B2GA02	# A SECONDARY FILTRATE PUMP - Services Electric Motor And Panel Components	3.5 hrs	14/10/21 10:00	14/10/21 14:00	460	490
476			Make Out Permit	0.25 hrs	14/10/21 10:00	14/10/21 10:15		477
477			Accept Permit	0.25 hrs	14/10/21 10:15	14/10/21 10:30	476	478
478			Secondary Filtrate Pump A	0.25 hrs	14/10/21 10:30	14/10/21 10:45	477	479
479			Services Electric Motor And Panel Components	0.25 hrs	14/10/21 10:45	14/10/21 11:00	478	480

ID	Task Mode	Asset Code	Task Name	Duration	Start	Finish	Predecessor	Successor
480			Carry Out Electrical Isolation	0.25 hrs	14/10/21 11:00	14/10/21 11:15	479	481
481			Check Loose Connections In The Panel	0.25 hrs	14/10/21 11:15	14/10/21 11:30	480	482
482			Check Contactor Contacts	0.25 hrs	14/10/21 11:30	14/10/21 11:45	481	483
483			Service Stop/Start	0.25 hrs	14/10/21 11:45	14/10/21 12:00	482	484
484			Check Motor Fan Condition	0.25 hrs	14/10/21 12:30	14/10/21 12:45	483	485
485			Check Cable Terminal Leads For Over Heating	0.25 hrs	14/10/21 12:45	14/10/21 13:00	484	486
486			Tighten Motor Connections & Gland Integrity	0.25 hrs	14/10/21 13:00	14/10/21 13:15	485	487
487			Seal For Moisture And Dust	0.25 hrs	14/10/21 13:15	14/10/21 13:30	486	488
488			Confirm Correct Protection Settings	0.25 hrs	14/10/21 13:30	14/10/21 13:45	487	489
489			Clear Permit	0.25 hrs	14/10/21 13:45	14/10/21 14:00	488	
490		28B2GA03	# A 3RD STAGE FILTRATE PUMP - Services Electric Motor And Panel Components	3.5 hrs	14/10/21 14:00	14/10/21 17:30	475	505
491			Make Out Permit	0.25 hrs	14/10/21 14:00	14/10/21 14:15		492
492			Accept Permit	0.25 hrs	14/10/21 14:15	14/10/21 14:30	491	493
493			3Rd Stage Filtrate Pump	0.25 hrs	14/10/21 14:30	14/10/21 14:45	492	494
494			Services Electric Motor And Panel Components	0.25 hrs	14/10/21 14:45	14/10/21 15:00	493	495
495			Carry Out Electric Isolation	0.25 hrs	14/10/21 15:00	14/10/21 15:15	494	496
496			Check Loose Connections In The Panel	0.25 hrs	14/10/21 15:15	14/10/21 15:30	495	497
497			Check Contactor Contacts	0.25 hrs	14/10/21 15:30	14/10/21 15:45	496	498
498			Service Stop/Start	0.25 hrs	14/10/21 15:45	14/10/21 16:00	497	499
499			Check Motor Fan Condition	0.25 hrs	14/10/21 16:00	14/10/21 16:15	498	500
500			Check Cable Terminal Leads For Over Heating	0.25 hrs	14/10/21 16:15	14/10/21 16:30	499	501
501			Tighten Motor Connections & Gland Integrity	0.25 hrs	14/10/21 16:30	14/10/21 16:45	500	502
502			Seal For Moisture And Dust	0.25 hrs	14/10/21 16:45	14/10/21 17:00	501	503
503			Confirm Correct Protection Settings	0.25 hrs	14/10/21 17:00	14/10/21 17:15	502	504
504			Clear Permit	0.25 hrs	14/10/21 17:15	14/10/21 17:30	503	
505		28B2GA04	# 4TH STAGE FILTRATE PUMP - Services Electric Motor And Panel Components	3.5 hrs	14/10/21 17:30	15/10/21 10:00	490	520
506			Make Out Permit	0.25 hrs	14/10/21 17:30	14/10/21 17:45		507
507			Accept Permit	0.25 hrs	14/10/21 17:45	14/10/21 18:00	506	508
508			4Th Stage Filtrate Pump	0.25 hrs	15/10/21 07:00	15/10/21 07:15	507	509
509			Services Electric Motor And Panel Components	0.25 hrs	15/10/21 07:15	15/10/21 07:30	508	510
510			Carry Out Electric Isolation	0.25 hrs	15/10/21 07:30	15/10/21 07:45	509	511
511			Check Loose Connections In The Panel	0.25 hrs	15/10/21 07:45	15/10/21 08:00	510	512
512			Check Contactor Contacts	0.25 hrs	15/10/21 08:00	15/10/21 08:15	511	513
513			Service Stop/Start	0.25 hrs	15/10/21 08:15	15/10/21 08:30	512	514
514			Check Motor Fan Condition	0.25 hrs	15/10/21 08:30	15/10/21 08:45	513	515
515			Check Cable Terminal Leads For Over Heating	0.25 hrs	15/10/21 08:45	15/10/21 09:00	514	516
516			Tighten Motor Connections & Gland Integrity	0.25 hrs	15/10/21 09:00	15/10/21 09:15	515	517
517			Seal For Moisture And Dust	0.25 hrs	15/10/21 09:15	15/10/21 09:30	516	518
518			Confirm Correct Protection Settings	0.25 hrs	15/10/21 09:30	15/10/21 09:45	517	519
519			Clear Permit	0.25 hrs	15/10/21 09:45	15/10/21 10:00	518	
520		28B2GA06A	# 1 SEAL WATER PUMP - Services Electric Motor And Panel Components	3.5 hrs	15/10/21 10:00	15/10/21 14:00	505	535
521			Make Out Permit	0.25 hrs	15/10/21 10:00	15/10/21 10:15		522
522			Accept Permit	0.25 hrs	15/10/21 10:15	15/10/21 10:30	521	523
523			Seal Water Pump A	0.25 hrs	15/10/21 10:30	15/10/21 10:45	522	524
524			Services Electric Motor And Panel Components	0.25 hrs	15/10/21 10:45	15/10/21 11:00	523	525
525			Carry Out Electric Isolation	0.25 hrs	15/10/21 11:00	15/10/21 11:15	524	526
526			Check Loose Connections In The Panel	0.25 hrs	15/10/21 11:15	15/10/21 11:30	525	527
527			Check Contactor Contacts	0.25 hrs	15/10/21 11:30	15/10/21 11:45	526	528

ID	Task Mode	Asset Code	Task Name	Duration	Start	Finish	Predecessor	Successor
528			Service Stop/Start	0.25 hrs	15/10/21 11:45	15/10/21 12:00	527	529
529			Check Motor Fan Condition	0.25 hrs	15/10/21 12:30	15/10/21 12:45	528	530
530			Check Cable Terminal Leads For Over Heating	0.25 hrs	15/10/21 12:45	15/10/21 13:00	529	531
531			Tighten Motor Connections & Gland Intergrity	0.25 hrs	15/10/21 13:00	15/10/21 13:15	530	532
532			Seal For Moisture And Dust	0.25 hrs	15/10/21 13:15	15/10/21 13:30	531	533
533			Confirm Correct Protection Settings	0.25 hrs	15/10/21 13:30	15/10/21 13:45	532	534
534			Clear Permit	0.25 hrs	15/10/21 13:45	15/10/21 14:00	533	
535		28B2GA06B	# 2 SEAL WATER PUMP - Services Electric Motor And Panel Components	3.5 hrs	15/10/21 14:00	15/10/21 17:30	520	550
536			Make Out Permit	0.25 hrs	15/10/21 14:00	15/10/21 14:15		537
537			Accept Permit	0.25 hrs	15/10/21 14:15	15/10/21 14:30	536	538
538			Seal Water Pump B	0.25 hrs	15/10/21 14:30	15/10/21 14:45	537	539
539			Services Electric Motor And Panel Components	0.25 hrs	15/10/21 14:45	15/10/21 15:00	538	540
540			Carry Out Electric Isolation	0.25 hrs	15/10/21 15:00	15/10/21 15:15	539	541
541			Check Loose Connections In The Panel	0.25 hrs	15/10/21 15:15	15/10/21 15:30	540	542
542			Check Contactor Contacts	0.25 hrs	15/10/21 15:30	15/10/21 15:45	541	543
543			Service Stop/Start	0.25 hrs	15/10/21 15:45	15/10/21 16:00	542	544
544			Check Motor Fan Condition	0.25 hrs	15/10/21 16:00	15/10/21 16:15	543	545
545			Check Cable Terminal Leads For Over Heating	0.25 hrs	15/10/21 16:15	15/10/21 16:30	544	546
546			Tighten Motor Connections & Gland Intergrity	0.25 hrs	15/10/21 16:30	15/10/21 16:45	545	547
547			Seal For Moisture And Dust	0.25 hrs	15/10/21 16:45	15/10/21 17:00	546	548
548			Confirm Correct Protection Settings	0.25 hrs	15/10/21 17:00	15/10/21 17:15	547	549
549			Clear Permit	0.25 hrs	15/10/21 17:15	15/10/21 17:30	548	
550		28B2GB02	# A1 VACUUM PUMP - Services Electric Motor And Panel Components	7.75 hrs	15/10/21 17:30	16/10/21 14:45	535	566
551			Make Out Permit	0.25 hrs	15/10/21 17:30	15/10/21 17:45		552
552			Accept Permit	0.25 hrs	15/10/21 17:45	15/10/21 18:00	551	553
553			Vacuum Pump # 1	0.25 hrs	16/10/21 07:00	16/10/21 07:15	552	554
554			Service Electric Motor And Panel Components	2 hrs	16/10/21 07:15	16/10/21 09:15	553	555
555			Remove All Vacuum Motor Canopies	2.5 hrs	16/10/21 09:15	16/10/21 11:45	554	556
556			Carry Out Electric Isolation	0.25 hrs	16/10/21 11:45	16/10/21 12:00	555	557
557			Check Loose Connections In The Panel	0.25 hrs	16/10/21 12:30	16/10/21 12:45	556	558
558			Check Soft Starter Connections & Clear Dust	0.25 hrs	16/10/21 12:45	16/10/21 13:00	557	559
559			Service Stop/Start	0.25 hrs	16/10/21 13:00	16/10/21 13:15	558	560
560			Check Motor Fan Condition	0.25 hrs	16/10/21 13:15	16/10/21 13:30	559	561
561			Check Cable Terminal Leads For Over Heating	0.25 hrs	16/10/21 13:30	16/10/21 13:45	560	562
562			Tighten Motor Connections & Gland Intergrity	0.25 hrs	16/10/21 13:45	16/10/21 14:00	561	563
563			Seal For Moisture And Dust	0.25 hrs	16/10/21 14:00	16/10/21 14:15	562	564
564			Confirm Correct Protection Settings	0.25 hrs	16/10/21 14:15	16/10/21 14:30	563	565
565			Clear Permit	0.25 hrs	16/10/21 14:30	16/10/21 14:45	564	
566		28B2GB03	# A2 VACUUM PUMP - Services Electric Motor And Panel Components	13.75 hrs	16/10/21 14:45	17/10/21 18:00	550	583
567			Fabricate rack prior	0 hrs	16/10/21 14:45	16/10/21 14:45		568
568			Make Out Permit	0.25 hrs	16/10/21 14:45	16/10/21 15:00	567	569
569			Accept Permit	0.25 hrs	16/10/21 15:00	16/10/21 15:15	568	570
570			Vacuum Pump # 1	0.25 hrs	16/10/21 15:15	16/10/21 15:30	569	571
571			Remove All Vacuum Motor Canopies	2.5 hrs	16/10/21 15:30	16/10/21 18:00	570	572
572			Carry Out Electric Isolation	0.25 hrs	17/10/21 07:00	17/10/21 07:15	571	573
573			Check Loose Connections In The Panel	0.25 hrs	17/10/21 07:15	17/10/21 07:30	572	574
574			Check Soft Starter Connections & Clear Dust	0.25 hrs	17/10/21 07:30	17/10/21 07:45	573	575
575			Service Stop/Start	0.25 hrs	17/10/21 07:45	17/10/21 08:00	574	576

ID	Task Mode	Asset Code	Task Name	Duration	Start	Finish	Predecessor	Successor
576			Check Motor Fan Condition	0.25 hrs	17/10/21 08:00	17/10/21 08:15	575	577
577			Replace motor supply cable rack	8 hrs	17/10/21 08:15	17/10/21 16:45	576	578
578			Check Cable Terminal Leads For Over Heating	0.25 hrs	17/10/21 16:45	17/10/21 17:00	577	579
579			Tighten Motor Connections & Gland Intergrity	0.25 hrs	17/10/21 17:00	17/10/21 17:15	578	580
580			Seal For Moisture And Dust	0.25 hrs	17/10/21 17:15	17/10/21 17:30	579	581
581			Confirm Correct Protection Settings	0.25 hrs	17/10/21 17:30	17/10/21 17:45	580	582
582			Clear Permit	0.25 hrs	17/10/21 17:45	17/10/21 18:00	581	
583		28B2GB04	# A3 VACUUM PUMP - Services Electric Motor And Panel Components	3.25 hrs	17/10/21 18:00	18/10/21 10:15	566	598
584			Make Out Permit	0.25 hrs	17/10/21 18:00	17/10/21 18:15		585
585			Accept Permit	0.25 hrs	18/10/21 07:00	18/10/21 07:15	584	586
586			Vacuum Pump # 3	0.25 hrs	18/10/21 07:15	18/10/21 07:30	585	587
587			Remove All Vacuum Motor Canopies	0.25 hrs	18/10/21 07:30	18/10/21 07:45	586	588
588			Carry Out Electric Isolation	0.25 hrs	18/10/21 07:45	18/10/21 08:00	587	589
589			Check Loose Connections In The Panel	0.25 hrs	18/10/21 08:00	18/10/21 08:15	588	590
590			Check Soft Starter Connections & Clear Dust	0.25 hrs	18/10/21 08:15	18/10/21 08:30	589	591
591			Service Stop/Start	0.25 hrs	18/10/21 08:30	18/10/21 08:45	590	592
592			Check Motor Fan Condition	0.25 hrs	18/10/21 08:45	18/10/21 09:00	591	593
593			Check Cable Terminal Leads For Over Heating	0.25 hrs	18/10/21 09:00	18/10/21 09:15	592	594
594			Tighten Motor Connections & Gland Intergrity	0.25 hrs	18/10/21 09:15	18/10/21 09:30	593	595
595			Seal For Moisture And Dust	0.25 hrs	18/10/21 09:30	18/10/21 09:45	594	596
596			Confirm Correct Protection Settings	0.25 hrs	18/10/21 09:45	18/10/21 10:00	595	597
597			Clear Permit	0.25 hrs	18/10/21 10:00	18/10/21 10:15	596	
598		28B2RE01	# A BICARBONATE BELT CONVEYOR - Services Electric Motor And Panel Components	3.5 hrs	18/10/21 10:15	18/10/21 14:15	583	613
599			Make Out Permit	0.25 hrs	18/10/21 10:15	18/10/21 10:30		600
600			Accept Permit	0.25 hrs	18/10/21 10:30	18/10/21 10:45	599	601
601			A Bicarbo Belt Conveyor	0.25 hrs	18/10/21 10:45	18/10/21 11:00	600	602
602			Services Electric Motor And Panel Components	0.25 hrs	18/10/21 11:00	18/10/21 11:15	601	603
603			Carry Out Electric Isolation	0.25 hrs	18/10/21 11:15	18/10/21 11:30	602	604
604			Check Loose Connections In The Panel	0.25 hrs	18/10/21 11:30	18/10/21 11:45	603	605
605			Check Contactor Contacts	0.25 hrs	18/10/21 11:45	18/10/21 12:00	604	606
606			Service U/S Circuit	0.25 hrs	18/10/21 12:30	18/10/21 12:45	605	607
607			Check Motor Fan Condition	0.25 hrs	18/10/21 12:45	18/10/21 13:00	606	608
608			Check Cable Terminal Leads For Over Heating	0.25 hrs	18/10/21 13:00	18/10/21 13:15	607	609
609			Tighten Motor Connections & Gland Intergrity	0.25 hrs	18/10/21 13:15	18/10/21 13:30	608	610
610			Seal For Moisture And Dust	0.25 hrs	18/10/21 13:30	18/10/21 13:45	609	611
611			Confirm Correct Protection Settings	0.25 hrs	18/10/21 13:45	18/10/21 14:00	610	612
612			Clear Permit	0.25 hrs	18/10/21 14:00	18/10/21 14:15	611	
613		28B2FK01	# A BELT FILTER - Belt Filter Conveyor Electrics Services	6.5 hrs	18/10/21 14:15	19/10/21 09:45	598	627
614			Make Out Permit	0.25 hrs	18/10/21 14:15	18/10/21 14:30		615
615			Accept Permit	0.25 hrs	18/10/21 14:30	18/10/21 14:45	614	616
616			Carry Out Electric Isolation	0.25 hrs	18/10/21 14:45	18/10/21 15:00	615	617
617			Check Loose Connections In The Panel	0.25 hrs	18/10/21 15:00	18/10/21 15:15	616	618
618			Check Vsd Connections And Blow Out Dust	0.25 hrs	18/10/21 15:15	18/10/21 15:30	617	619
619			Service Stop/Start	0.25 hrs	18/10/21 15:30	18/10/21 15:45	618	620
620			Replace pick tails for trip wire	1 hr	18/10/21 15:45	18/10/21 16:45	619	621
621			Service Belt Switches & Thoroughly Seal	2 hrs	18/10/21 16:45	19/10/21 07:45	620	622
622			Service Pull Switshes And Check Pull Wire	1 hr	19/10/21 07:45	19/10/21 08:45	621	623
623			Extend Motor Supply Cable	0.25 hrs	19/10/21 08:45	19/10/21 09:00	622	624

ID	Task Mode	Asset Code	Task Name	Duration	Start	Finish	Predecessor	Successor
624			Seal For Moisture And Dust	0.25 hrs	19/10/21 09:00	19/10/21 09:15	623	625
625			Change Vsd Motor Protection To Match Name Plate	0.25 hrs	19/10/21 09:15	19/10/21 09:30	624	626
626			Clear Permit	0.25 hrs	19/10/21 09:30	19/10/21 09:45	625	
627		28B2GB01	# A BELT FILTER BLOWER - Services Electric Motor And Panel Components	3.5 hrs	19/10/21 09:45	19/10/21 13:45	613	642
628			Make Out Permit	0.25 hrs	19/10/21 09:45	19/10/21 10:00		629
629			Accept Permit	0.25 hrs	19/10/21 10:00	19/10/21 10:15	628	630
630			A Belt Filter Blower	0.25 hrs	19/10/21 10:15	19/10/21 10:30	629	631
631			Services Electric Motor And Panel Components	0.25 hrs	19/10/21 10:30	19/10/21 10:45	630	632
632			Carry Out Electric Isolation	0.25 hrs	19/10/21 10:45	19/10/21 11:00	631	633
633			Check Loose Connections In The Panel	0.25 hrs	19/10/21 11:00	19/10/21 11:15	632	634
634			Check Contactor Contacts	0.25 hrs	19/10/21 11:15	19/10/21 11:30	633	635
635			Service Stop/Start	0.25 hrs	19/10/21 11:30	19/10/21 11:45	634	636
636			Check Fan Condition	0.25 hrs	19/10/21 11:45	19/10/21 12:00	635	637
637			Check Cable Terminal Leads For Over Heating	0.25 hrs	19/10/21 12:30	19/10/21 12:45	636	638
638			Tighten Motor Connections & Gland Intergrity	0.25 hrs	19/10/21 12:45	19/10/21 13:00	637	639
639			Seal For Moisture And Dust	0.25 hrs	19/10/21 13:00	19/10/21 13:15	638	640
640			Change Vsd Motor Protection To Match Name Plate	0.25 hrs	19/10/21 13:15	19/10/21 13:30	639	641
641			Clear Permit	0.25 hrs	19/10/21 13:30	19/10/21 13:45	640	
642		28B2GA04M1A	A Scrubber Circulation pump A - Carry out Electrical maintenance	3.5 hrs	19/10/21 13:45	19/10/21 17:15	627	655
643			Make out permit	0.25 hrs	19/10/21 13:45	19/10/21 14:00		644
644			Accept permit	0.25 hrs	19/10/21 14:00	19/10/21 14:15	643	645
645			Carry out Elec isolation	0.25 hrs	19/10/21 14:15	19/10/21 14:30	644	646
646			Check loose connections in the panel	0.25 hrs	19/10/21 14:30	19/10/21 14:45	645	647
647			Check Contactor contacts	0.25 hrs	19/10/21 14:45	19/10/21 15:00	646	648
648			Service Stop/start	0.5 hrs	19/10/21 15:00	19/10/21 15:30	647	649
649			Check motor fan condition	0.25 hrs	19/10/21 15:30	19/10/21 15:45	648	650
650			Check cable terminal leads for over heating	0.25 hrs	19/10/21 15:45	19/10/21 16:00	649	651
651			Tighten Motor connections & Gland intergrity	0.5 hrs	19/10/21 16:00	19/10/21 16:30	650	652
652			Seal for Moisture and dust.	0.25 hrs	19/10/21 16:30	19/10/21 16:45	651	653
653			Confirm correct protection settings	0.25 hrs	19/10/21 16:45	19/10/21 17:00	652	654
654			Clear permit	0.25 hrs	19/10/21 17:00	19/10/21 17:15	653	
655		28B2GA04M1B	A Scrubber Circulation pump B - Carry out Electrical maintenance	3.5 hrs	19/10/21 17:15	20/10/21 09:45	642	668
656			Make out permit	0.25 hrs	19/10/21 17:15	19/10/21 17:30		657
657			Accept permit	0.25 hrs	19/10/21 17:30	19/10/21 17:45	656	658
658			Carry out Elec isolation	0.25 hrs	19/10/21 17:45	19/10/21 18:00	657	659
659			Check loose connections in the panel	0.25 hrs	20/10/21 07:00	20/10/21 07:15	658	660
660			Check Contactor contacts	0.25 hrs	20/10/21 07:15	20/10/21 07:30	659	661
661			Service Stop/start	0.5 hrs	20/10/21 07:30	20/10/21 08:00	660	662
662			Check motor fan condition	0.25 hrs	20/10/21 08:00	20/10/21 08:15	661	663
663			Check cable terminal leads for over heating	0.25 hrs	20/10/21 08:15	20/10/21 08:30	662	664
664			Tighten Motor connections & Gland intergrity	0.5 hrs	20/10/21 08:30	20/10/21 09:00	663	665
665			Seal for Moisture and dust.	0.25 hrs	20/10/21 09:00	20/10/21 09:15	664	666
666			Confirm correct protection settings	0.25 hrs	20/10/21 09:15	20/10/21 09:30	665	667
667			Clear permit	0.25 hrs	20/10/21 09:30	20/10/21 09:45	666	
668		28B2GA01M1A	A Scrubber Circulation pump - Carry out Electrical maintenance	3.5 hrs	20/10/21 09:45	20/10/21 13:45	655	681
669			Make out permit	0.25 hrs	20/10/21 09:45	20/10/21 10:00		670
670			Accept permit	0.25 hrs	20/10/21 10:00	20/10/21 10:15	669	671
671			Carry out Elec isolation	0.25 hrs	20/10/21 10:15	20/10/21 10:30	670	672

ID	Task Mode	Asset Code	Task Name	Duration	Start	Finish	Predecessor	Successor
672			Check loose connections in the panel	0.25 hrs	20/10/21 10:30	20/10/21 10:45	671	673
673			Check Contactor contacts	0.25 hrs	20/10/21 10:45	20/10/21 11:00	672	674
674			Service Stop/start	0.5 hrs	20/10/21 11:00	20/10/21 11:30	673	675
675			Check motor fan condition	0.25 hrs	20/10/21 11:30	20/10/21 11:45	674	676
676			Check cable terminal leads for over heating	0.25 hrs	20/10/21 11:45	20/10/21 12:00	675	677
677			Tighten Motor connections & Gland integrity	0.5 hrs	20/10/21 12:30	20/10/21 13:00	676	678
678			Seal for Moisture and dust.	0.25 hrs	20/10/21 13:00	20/10/21 13:15	677	679
679			Confirm correct protection settings	0.25 hrs	20/10/21 13:15	20/10/21 13:30	678	680
680			Clear permit	0.25 hrs	20/10/21 13:30	20/10/21 13:45	679	
681		28B2GA01M1B	A Scrubber Circulation pump B - Carry out Electrical maintenance	3.5 hrs	20/10/21 13:45	20/10/21 17:15	688	
682			Make out permit	0.25 hrs	20/10/21 13:45	20/10/21 14:00		683
683			Accept permit	0.25 hrs	20/10/21 14:00	20/10/21 14:15	682	684
684			Carry out Elec isolation	0.25 hrs	20/10/21 14:15	20/10/21 14:30	683	685
685			Check loose connections in the panel	0.25 hrs	20/10/21 14:30	20/10/21 14:45	684	686
686			Check Contactor contacts	0.25 hrs	20/10/21 14:45	20/10/21 15:00	685	687
687			Service Stop/start	0.5 hrs	20/10/21 15:00	20/10/21 15:30	686	688
688			Check motor fan condition	0.25 hrs	20/10/21 15:30	20/10/21 15:45	687	689
689			Check cable terminal leads for over heating	0.25 hrs	20/10/21 15:45	20/10/21 16:00	688	690
690			Tighten Motor connections & Gland integrity	0.5 hrs	20/10/21 16:00	20/10/21 16:30	689	691
691			Seal for Moisture and dust.	0.25 hrs	20/10/21 16:30	20/10/21 16:45	690	692
692			Confirm correct protection settings	0.25 hrs	20/10/21 16:45	20/10/21 17:00	691	693
693			Clear permit	0.25 hrs	20/10/21 17:00	20/10/21 17:15	692	
694		28LC002	CLOTH WASH MAKEUP VALVE - Remove & overhaul	12.75 hrs	12/10/21 23:00	14/10/21 09:15	7	703
695			Make out permit	0.25 hrs	12/10/21 23:00	12/10/21 23:15		696
696			Accept permit	0.25 hrs	13/10/21 07:00	13/10/21 07:15	695	697
697			Disconnect instruments	1 hr	13/10/21 07:15	13/10/21 08:15	696	698
698			Remove valve	2 hrs	13/10/21 08:15	13/10/21 10:15	697	699
699			Overhaul valve	5 hrs	13/10/21 10:15	13/10/21 15:45	698	700
700			Install valve	4 hrs	13/10/21 15:45	14/10/21 08:45	699	701
701			Stroke check valve	0.25 hrs	14/10/21 08:45	14/10/21 09:00	700	702
702			Clear permit	0.25 hrs	14/10/21 09:00	14/10/21 09:15	701	
703		28B2FK01	# A BELT FILTER - Overhaul allignent system	11.25 hrs	14/10/21 09:15	15/10/21 10:00	694	712
704			Make out permit	0.25 hrs	14/10/21 09:15	14/10/21 09:30		705
705			Accept permit	0.25 hrs	14/10/21 09:30	14/10/21 09:45	704	706
706			Disconnect instruments	1 hr	14/10/21 09:45	14/10/21 10:45	705	707
707			Remove the device	3 hrs	14/10/21 10:45	14/10/21 14:15	706	708
708			Overhaul the system	3 hrs	14/10/21 14:15	14/10/21 17:15	707	709
709			Install the system	3 hrs	14/10/21 17:15	15/10/21 09:15	708	710
710			Stroke check	0.5 hrs	15/10/21 09:15	15/10/21 09:45	709	711
711			Clear permit	0.25 hrs	15/10/21 09:45	15/10/21 10:00	710	
712		28HS002	# A BELT FILTER VALVE (slide gate) - replace valve	5 hrs	15/10/21 10:00	15/10/21 15:30	703	719
713			Make out permit	0.25 hrs	15/10/21 10:00	15/10/21 10:15		714
714			Accept permit	0.25 hrs	15/10/21 10:15	15/10/21 10:30	713	715
715			Disconnect instruments	1 hr	15/10/21 10:30	15/10/21 11:30	714	716
716			Replace valve	3 hrs	15/10/21 11:30	15/10/21 15:00	715	717
717			Stroke check valve	0.25 hrs	15/10/21 15:00	15/10/21 15:15	716	718
718			Clear permit	0.25 hrs	15/10/21 15:15	15/10/21 15:30	717	
719		28LC101	# A BELT LEVEL CONTROL VALVE - Replace sleeve	5 hrs	15/10/21 15:30	16/10/21 09:30	712	727

ID	Task Mode	Asset Code	Task Name	Duration	Start	Finish	Predecessors	Successor
720			Make out permit	0.25 hrs	15/10/21 15:30	15/10/21 15:45		721
721			Accept permit	0.25 hrs	15/10/21 15:45	15/10/21 16:00	720	722
722			Disconnect instruments	1 hr	15/10/21 16:00	15/10/21 17:00	721	723
723			Remove old sleeve/liner	2 hrs	15/10/21 17:00	16/10/21 08:00	722	724
724			Replace sleeve/liner	1 hr	16/10/21 08:00	16/10/21 09:00	723	725
725			Stroke check valve	0.25 hrs	16/10/21 09:00	16/10/21 09:15	724	726
726			Clear permit	0.25 hrs	16/10/21 09:15	16/10/21 09:30	725	
727		28C2FK02	# A BELT FILTER - Overhaul allignent system	11.25 hrs	16/10/21 09:30	17/10/21 10:15	719	736
728			Make out permit	0.25 hrs	16/10/21 09:30	16/10/21 09:45		729
729			Accept permit	0.25 hrs	16/10/21 09:45	16/10/21 10:00	728	730
730			Disconnect instruments	1 hr	16/10/21 10:00	16/10/21 11:00	729	731
731			Remove the device	3 hrs	16/10/21 11:00	16/10/21 14:30	730	732
732			Overhaul the system	3 hrs	16/10/21 14:30	16/10/21 17:30	731	733
733			Install the system	3 hrs	16/10/21 17:30	17/10/21 09:30	732	734
734			Stroke check	0.5 hrs	17/10/21 09:30	17/10/21 10:00	733	735
735			Clear permit	0.25 hrs	17/10/21 10:00	17/10/21 10:15	734	
736		28HS005	# A BELT FILTER VALVE (slide gate) - Replace valve	5 hrs	17/10/21 10:15	17/10/21 15:45	727	743
737			Make out permit	0.25 hrs	17/10/21 10:15	17/10/21 10:30		738
738			Accept permit	0.25 hrs	17/10/21 10:30	17/10/21 10:45	737	739
739			Disconnect instruments	1 hr	17/10/21 10:45	17/10/21 11:45	738	740
740			Replace valve	3 hrs	17/10/21 11:45	17/10/21 15:15	739	741
741			Stroke check valve	0.25 hrs	17/10/21 15:15	17/10/21 15:30	740	742
742			Clear permit	0.25 hrs	17/10/21 15:30	17/10/21 15:45	741	
743		28LC201	# A BELT LEVEL CONTROL VALVE - Replace sleeve	5.75 hrs	17/10/21 15:45	18/10/21 10:30	736	751
744			Make out permit	0.25 hrs	17/10/21 15:45	17/10/21 16:00		745
745			Accept permit	0.25 hrs	17/10/21 16:00	17/10/21 16:15	744	746
746			Disconnect instruments	0.5 hrs	17/10/21 16:15	17/10/21 16:45	745	747
747			Remove old sleeve/liner	3.25 hrs	17/10/21 16:45	18/10/21 09:00	746	748
748			Replace sleeve/liner	1 hr	18/10/21 09:00	18/10/21 10:00	747	749
749			Stroke check valve	0.25 hrs	18/10/21 10:00	18/10/21 10:15	748	750
750			Clear permit	0.25 hrs	18/10/21 10:15	18/10/21 10:30	749	
751		28C6J01-M01	FILTRATION JUNCTION BOX - 28C6J01 M01	7.75 hrs	18/10/21 10:30	19/10/21 07:45	743	
752			Accept permit	0.25 hrs	18/10/21 10:30	18/10/21 10:45		753
753			Mark instrument signal cables	1 hr	18/10/21 10:45	18/10/21 11:45	752	754
754			Remove old junction box	0.5 hrs	18/10/21 11:45	18/10/21 12:45	753	755
755			Install Cable glands,DIN rail,connector blocks for new enclosure	2 hrs	18/10/21 12:45	18/10/21 14:45	754	756
756			Mount new enclosure	0.5 hrs	18/10/21 14:45	18/10/21 15:15	755	757
757			Reterminate Signal Cables	1 hr	18/10/21 15:15	18/10/21 16:15	756	758
758			check all connections	0.25 hrs	18/10/21 16:15	18/10/21 16:30	757	759
759			Clear permit	0.25 hrs	18/10/21 16:30	18/10/21 16:45	758	760
760			Inspect	2 hrs	18/10/21 16:45	19/10/21 07:45	759	
761		Area 29A	Calcliner - A Line	147 hrs	11/10/21 07:00	24/10/21 18:00		
762			Operations	105 hrs	11/10/21 07:00	21/10/21 06:00		
763		29A2GR01	Calcliner A - Shutdown & Cleaning	21 hrs	11/10/21 07:00	12/10/21 21:45	1	819,912,9
764			Organize Hoses Prior	0 hrs	11/10/21 07:00	11/10/21 07:00		765
765			Empty Calcliner	12 hrs	11/10/21 07:00	11/10/21 19:00	764	766
766			Depressurize The Calcliner System	2 hrs	11/10/21 19:00	11/10/21 21:00	765	767
767			Issue Permit	0.25 hrs	11/10/21 21:00	11/10/21 21:15	766	768

ID	Task Mode	Asset Code	Task Name	Duration	Start	Finish	Predecessors	Successor
768			Swing Elbow	0.5 hrs	12/10/21 07:00	12/10/21 07:30	767	769
769			Force Cool	6 hrs	12/10/21 07:30	12/10/21 13:30	768	770
770			Open All Mixer Covers	1 hr	12/10/21 13:30	12/10/21 14:30	769	771
771			Open Calciner Drain Cover	0.5 hrs	12/10/21 14:30	12/10/21 15:00	770	772
772			Open Discharge Screw Bottom Covers	0.5 hrs	12/10/21 15:00	12/10/21 15:30	771	773
773			Run Calciner On Main Drive	0.25 hrs	12/10/21 15:30	12/10/21 15:45	772	774
774			Clean Calciner	6 hrs	12/10/21 15:45	12/10/21 21:45	773	
775		29A2FB01	# A Seal Water Tank - Drain & Clean Out Seal Water Tank	6.75 hrs	11/10/21 07:00	11/10/21 14:15	1	
776			Make Out Permit	0.25 hrs	11/10/21 07:00	11/10/21 07:15		777
777			Accept Permit	0.25 hrs	11/10/21 07:15	11/10/21 07:30	776	778
778			Drain Tank	0.5 hrs	11/10/21 07:30	11/10/21 08:00	777	779
779			Open Tank	1 hr	11/10/21 08:00	11/10/21 09:00	778	780
780			Rig Out Cover	1 hr	11/10/21 09:00	11/10/21 10:00	779	781
781			Inspect Tank Internals	0.5 hrs	11/10/21 10:00	11/10/21 10:30	780	782
782			Clean Out Tank	2 hrs	11/10/21 10:30	11/10/21 12:30	781	783
783			Box Up	0.5 hrs	11/10/21 12:30	11/10/21 13:00	782	784
784			Rig In Cover	1 hr	11/10/21 13:00	11/10/21 14:00	783	785
785			Clear Permit	0.25 hrs	11/10/21 14:00	11/10/21 14:15	784	
786		29B2EA01	# A Scrubber Condensate Cooler - Soak For Cleaning	5.25 hrs	11/10/21 07:00	11/10/21 12:45	1	
787			Make Out Permit	0.25 hrs	11/10/21 07:00	11/10/21 07:15		788
788			Accept Permit	0.25 hrs	11/10/21 07:15	11/10/21 07:30	787	789
789			Soak For Cleaning (Acid Wash)	4 hrs	11/10/21 07:30	11/10/21 11:30	788	790
790			Drain Cooler	0.5 hrs	11/10/21 11:30	11/10/21 12:00	789	791
791			Clear Permit	0.25 hrs	11/10/21 12:30	11/10/21 12:45	790	
792		29B2DK01	Inspection & Cleaning - Scrubber A	31.5 hrs	11/10/21 07:00	13/10/21 19:15	1	
793			Organize Rings Prior	0 hrs	11/10/21 07:00	11/10/21 07:00		794
794			Circulate With Citric Acid	14 hrs	11/10/21 07:00	11/10/21 21:00	793	795
795			Close Water To Sprays	0.25 hrs	11/10/21 21:00	11/10/21 21:15	794	796
796			Close Scrubber Makeup	0.25 hrs	11/10/21 21:15	11/10/21 21:30	795	797
797			Drain Scrubber	0.5 hrs	11/10/21 21:30	11/10/21 22:00	796	798
798			Issue Permit	0.25 hrs	11/10/21 22:00	11/10/21 22:15	797	799
799			Open Inspection Covers	2 hrs	12/10/21 07:00	12/10/21 09:00	798	800
800			Carry Out Gas Test	0.5 hrs	12/10/21 09:00	12/10/21 09:30	799	801
801			Remove Scrubber Rachet Rings	20 hrs	12/10/21 09:30	13/10/21 05:30	800	802
802			Replace Rachet Rings	13.5 hrs	13/10/21 05:30	13/10/21 19:00	801	803
803			Clear Permits	0.25 hrs	13/10/21 19:00	13/10/21 19:15	802	
804		29A2DK01	#A SCRUBBER - Open & Inspect	105 hrs	11/10/21 07:00	21/10/21 06:00	1	
805			Organize Rings Prior	0 hrs	11/10/21 07:00	11/10/21 07:00		806
806			Circulate With Citric Acid	2 hrs	11/10/21 07:00	11/10/21 09:00	805	807
807			Close Water To Sprays	0.25 hrs	11/10/21 09:00	11/10/21 09:15	806	808
808			Close Scrubber Makeup	0.25 hrs	11/10/21 09:15	11/10/21 09:30	807	809
809			Drain Scrubber	0.5 hrs	11/10/21 09:30	11/10/21 10:00	808	810
810			Issue Permit	0.25 hrs	11/10/21 10:00	11/10/21 10:15	809	811
811			Open Inspection Covers	2 hrs	11/10/21 10:15	11/10/21 12:45	810	812
812			Inspect pipe thickness test and repair if necessary	90 hrs	11/10/21 12:45	20/10/21 07:45	811	813
813			Inspect shell	8 hrs	20/10/21 07:45	20/10/21 16:15	812	814
814			Carry Out Gas Test	0.5 hrs	20/10/21 16:15	20/10/21 16:45	813	815
815			Remove Scrubber Rachet Rings	8 hrs	20/10/21 16:45	21/10/21 00:45	814	816

ID	Task Mode	Asset Code	Task Name	Duration	Start	Finish	Predecessor	Successor
816			Replace Ratchet Rings	5 hrs	21/10/21 00:45	21/10/21 05:45	815	817
817			Clear Permits	0.25 hrs	21/10/21 05:45	21/10/21 06:00	816	
818		Area 29A	Maintenance	147 hrs	11/10/21 07:00	24/10/21 18:00		
819		29A2GR01	# A CALCINER - Statutory Inspection	47.75 hrs	12/10/21 21:45	17/10/21 13:15	763	840
820			Calibrate & Supply 2 Off Gauges (Prior)	0 hrs	12/10/21 21:45	12/10/21 21:45		821
821			Make Out Permit	0.25 hrs	12/10/21 21:45	12/10/21 22:00	820	822
822			Accept Permit	0.5 hrs	13/10/21 07:00	13/10/21 07:30	821	823
823			Slipplate Isolating Valves & Condensate Tank	3 hrs	13/10/21 07:30	13/10/21 10:30	822	824
824			Open Manhole On Cond Tank	2 hrs	13/10/21 10:30	13/10/21 13:00	823	825
825			Carry Out Inspection	1 hr	13/10/21 13:00	13/10/21 14:00	824	826
826			Box Up Manhole	2 hrs	13/10/21 14:00	13/10/21 16:00	825	827
827			Remove Pipes & Valves On Tank	4 hrs	13/10/21 16:00	14/10/21 09:00	826	828
828			Blank Off All Outlets	2 hrs	14/10/21 09:00	14/10/21 11:00	827	829
829			Install 2 Off Pressure Gauges	2 hrs	14/10/21 11:00	14/10/21 13:30	828	830
830			Install Valve & Fittings For Fire Hydrant	2 hrs	14/10/21 13:30	14/10/21 15:30	829	831
831			Fill Up With Hydrant To Pressure (6 Bar)	6 hrs	14/10/21 15:30	15/10/21 10:30	830	832
832			Connect Up High Pressure Pump	2 hrs	15/10/21 10:30	15/10/21 13:00	831	833
833			Pump To Pressure 32.5Bar	6 hrs	15/10/21 13:00	16/10/21 08:00	832	834
834			Witness & Check For Leaks	1 hr	16/10/21 08:00	16/10/21 09:00	833	835
835			Release Pressure & Drain	6 hrs	16/10/21 09:00	16/10/21 15:30	834	836
836			Remove Blanks, Slipplates & Gauges	3 hrs	16/10/21 15:30	17/10/21 07:30	835	837
837			Install Pipes & Valves On Cond Tank	3 hrs	17/10/21 07:30	17/10/21 10:30	836	838
838			Box Up	2 hrs	17/10/21 10:30	17/10/21 13:00	837	839
839			Clear Permit	0.25 hrs	17/10/21 13:00	17/10/21 13:15	838	
840		29A2GR01	# A CALCINER - Turn Trunions 90-Degree [8 off]	21.5 hrs	17/10/21 13:15	19/10/21 13:45	819	867
841			Clean (Prior)	0 hrs	17/10/21 13:15	17/10/21 13:15		842
842			Organise Jacks And Special Tools (Prior)	0 hrs	17/10/21 13:15	17/10/21 13:15	841	843
843			Organise Empty Drums And Skip (Prior)	0 hrs	17/10/21 13:15	17/10/21 13:15	842	844
844			Make Out Permit	0.25 hrs	17/10/21 13:15	17/10/21 13:30	843	845
845			Accept Permit	0.25 hrs	17/10/21 13:30	17/10/21 13:45	844	846
846			Carry Out Risk Assessment	0.25 hrs	17/10/21 13:45	17/10/21 14:00	845	847
847			Disconnect All Lube Pipes, Mark And Blank Them	0.25 hrs	17/10/21 14:00	17/10/21 14:15	846	848
848			Mark The Guards And Unbolt Them	0.5 hrs	17/10/21 14:15	17/10/21 14:45	847	849
849			Rig Out The Guards	1.5 hrs	17/10/21 14:45	17/10/21 16:15	848	850
850			Transport Cylinders To The Workshop	0.5 hrs	17/10/21 16:15	17/10/21 16:45	849	851
851			Secure The Jack Holders In Position	0.25 hrs	17/10/21 16:45	17/10/21 17:00	850	852
852			Place Jacks In The Holders	0.25 hrs	17/10/21 17:00	17/10/21 17:15	851	853
853			Put Extension Pads On The Jacks	0.25 hrs	17/10/21 17:15	17/10/21 17:30	852	854
854			Remove The Locking Plate On The Rollers	0.25 hrs	17/10/21 17:30	17/10/21 17:45	853	855
855			Loosen The Holding Down Clamps	0.25 hrs	17/10/21 17:45	17/10/21 18:00	854	856
856			Lift The Calciner With Jacks To Clear The Rollers	0.25 hrs	18/10/21 07:00	18/10/21 07:15	855	857
857			Turn The Rollers To A 90 Degree Position Using A Set Of Three Special Spanners	4 hrs	18/10/21 07:15	18/10/21 11:15	856	858
858			Tighten The Holding Down Plate(Clamp) And Lock The Roller On The Side To Stop It From Rotating	4 hrs	18/10/21 11:15	18/10/21 15:45	857	859
859			Carefully Lower The Calciner To The Correct Position	0.5 hrs	18/10/21 15:45	18/10/21 16:15	858	860
860			Remove The Pads, Jacks And Holders	2.5 hrs	18/10/21 16:15	19/10/21 07:45	859	861
861			Check Pcd Of Girth Ring And Gear If Out Correct	4 hrs	19/10/21 07:45	19/10/21 11:45	860	862
862			Rig In Guards And Secure	0.5 hrs	19/10/21 11:45	19/10/21 12:45	861	863
863			Reconnect The Lube Pipes	0.25 hrs	19/10/21 12:45	19/10/21 13:00	862	864

ID	Task Mode	Asset Code	Task Name	Duration	Start	Finish	Predecessors	Successor
864			Carry Out House Keeping	0.25 hrs	19/10/21 13:00	19/10/21 13:15	863	865
865			Sign Of The Permit	0.25 hrs	19/10/21 13:15	19/10/21 13:30	864	866
866			Clear The Permit	0.25 hrs	19/10/21 13:30	19/10/21 13:45	865	
867		29A2GR01	# A CALCINER - CALCINER LAGGING	25 hrs	19/10/21 13:45	21/10/21 17:45	840	874
868			Make out permit	0.25 hrs	19/10/21 13:45	19/10/21 14:00		869
869			Accept permit	0.25 hrs	19/10/21 14:00	19/10/21 14:15	868	870
870			Remove old lagging	12 hrs	19/10/21 14:15	20/10/21 15:45	869	871
871			Install new lagging	12 hrs	20/10/21 15:45	21/10/21 17:15	870	872
872			House keeping	0.25 hrs	21/10/21 17:15	21/10/21 17:30	871	873
873			Clear permit	0.25 hrs	21/10/21 17:30	21/10/21 17:45	872	
874		29A2GR01	# A CALCINER - Replace Vent Valves (2 off)	8 hrs	21/10/21 17:45	22/10/21 15:15	867	
875			Make out permrt	0.25 hrs	21/10/21 17:45	21/10/21 18:00		876
876			Accept permit	0.25 hrs	22/10/21 07:00	22/10/21 07:15	875	877
877			Loosen all bolts	2.5 hrs	22/10/21 07:15	22/10/21 09:45	876	878
878			Remove old valve	1 hr	22/10/21 09:45	22/10/21 10:45	877	879
879			Clean flange faces	1 hr	22/10/21 10:45	22/10/21 11:45	878	880
880			Install new valves and new gasket	1 hr	22/10/21 11:45	22/10/21 13:15	879	881
881			Tighten all bolts	1 hr	22/10/21 13:15	22/10/21 14:15	880	882
882			Box up	0.5 hrs	22/10/21 14:15	22/10/21 14:45	881	883
883			House keeping	0.25 hrs	22/10/21 14:45	22/10/21 15:00	882	884
884			Clear permit	0.25 hrs	22/10/21 15:00	22/10/21 15:15	883	
885		29A2RF01	# A DISCHARGE SCREW CONVEYOR - Carry out inspection	49.5 hrs	12/10/21 21:45	17/10/21 15:00	763	897
886			Make Out Permit	0.25 hrs	12/10/21 21:45	12/10/21 22:00		887
887			Accept Permit	0.25 hrs	13/10/21 07:00	13/10/21 07:15	886	888
888			Remove Old Packings (Labyrinth Seal)	1.5 hrs	13/10/21 07:15	13/10/21 08:45	887	889
889			Remove Screw	6 hrs	13/10/21 08:45	13/10/21 15:15	888	890
890			Inspect And Replace Bellow If Holed	24 hrs	13/10/21 15:15	16/10/21 07:15	889	891
891			Straighten Bent Flights	8 hrs	16/10/21 07:15	16/10/21 15:45	890	892
892			Install Screw	5 hrs	16/10/21 15:45	17/10/21 09:45	891	893
893			Open & Inspect Bearings,Clean Out & Repack	2 hrs	17/10/21 09:45	17/10/21 11:45	892	894
894			Drain Gearbox Oil & Refill	1 hr	17/10/21 11:45	17/10/21 13:15	893	895
895			Install New Packings	1.5 hrs	17/10/21 13:15	17/10/21 14:45	894	896
896			Clear Permit	0.25 hrs	17/10/21 14:45	17/10/21 15:00	895	
897		29A2GR01	# A CALCINER - Overhaul Calciner Air Cylinders	3.5 hrs	17/10/21 15:00	18/10/21 07:30	885	
898			Make Out Permit	0.25 hrs	17/10/21 15:00	17/10/21 15:15		899
899			Accept Permit	0.25 hrs	17/10/21 15:15	17/10/21 15:30	898	900
900			Carry Out Risk Assesment	0.25 hrs	17/10/21 15:30	17/10/21 15:45	899	901
901			Close Or Isolate Air To The Cylinders	0.25 hrs	17/10/21 15:45	17/10/21 16:00	900	902
902			Disconnect The All Air Pipes	0.5 hrs	17/10/21 16:00	17/10/21 16:30	901	903
903			Remove Anchor Bolts And Cylinders	1.5 hrs	17/10/21 16:30	17/10/21 18:00	902	904
904			Transport Cylinders To The Workshop	0.5 hrs	18/10/21 07:00	18/10/21 07:30	903	
905			Open, Inspect And Replace Damaged Parts(Piston Rings, Seals And Springs) 8 Off Then Close	1.5 hrs	17/10/21 15:00	17/10/21 16:30		
906			Transport Cylinders Back To Plant	0.5 hrs	17/10/21 15:00	17/10/21 15:30		907
907			Reinstall In Position And Secure	1.5 hrs	17/10/21 15:30	17/10/21 17:00	906	908
908			Connect Air Pipes,Open Air To Cylinders And Check For Leaks	0.25 hrs	17/10/21 17:00	17/10/21 17:15	907	909
909			Carry Out Housekeeping	0.25 hrs	17/10/21 17:15	17/10/21 17:30	908	910
910			Sign Off The Permit	0.25 hrs	17/10/21 17:30	17/10/21 17:45	909	911
911			Clear Permit	0.25 hrs	17/10/21 17:45	17/10/21 18:00	910	

ID	Task Mode	Asset Code	Task Name	Duration	Start	Finish	Predecessors	Successor
912		29A2GR01	# A CALCINER - Replace replace All Calciner Belows (4 off)	34.75 hrs	12/10/21 21:45	16/10/21 10:15	763	923
913			Make out permt	0.25 hrs	12/10/21 21:45	12/10/21 22:00		914
914			Accept permit	0.25 hrs	13/10/21 07:00	13/10/21 07:15	913	915
915			Loosen all bolts	8 hrs	13/10/21 07:15	13/10/21 15:45	914	916
916			Remove old bellow	4 hrs	13/10/21 15:45	14/10/21 08:45	915	917
917			Make holes on new bellow	6 hrs	14/10/21 08:45	14/10/21 15:15	916	918
918			Install new bellow	4 hrs	14/10/21 15:15	15/10/21 08:15	917	919
919			Tighten all bolts	8 hrs	15/10/21 08:15	15/10/21 16:45	918	920
920			Box up	4 hrs	15/10/21 16:45	16/10/21 09:45	919	921
921			House keeping	0.25 hrs	16/10/21 09:45	16/10/21 10:00	920	922
922			Clear permit	0.25 hrs	16/10/21 10:00	16/10/21 10:15	921	
923		29A2GR01	# A CALCINER - Drain, Flush And Refill Calciner Gear/Pinion Reservoir	8.25 hrs	16/10/21 10:15	17/10/21 08:00	912	930
924			Make Out Permit	0.25 hrs	16/10/21 10:15	16/10/21 10:30		925
925			Accept Permit	0.25 hrs	16/10/21 10:30	16/10/21 10:45	924	926
926			Drain, Flush Calciner Gear/Pinion Reservoir	4 hrs	16/10/21 10:45	16/10/21 15:15	925	927
927			Refill With New Oil	0.5 hrs	16/10/21 15:15	16/10/21 15:45	926	928
928			Grease Equipment As Required	3 hrs	16/10/21 15:45	17/10/21 07:45	927	929
929			Clear Permit	0.25 hrs	17/10/21 07:45	17/10/21 08:00	928	
930		29A2GR01	# A CALCINER - Inspect Teeth On The Girth And Pinion Gears And Tyre	56.5 hrs	17/10/21 08:00	22/10/21 12:00	923	939
931			Make Out Permit	0.25 hrs	17/10/21 08:00	17/10/21 08:15		932
932			Accept Permit	0.5 hrs	17/10/21 08:15	17/10/21 08:45	931	933
933			Remove Guards	3 hrs	17/10/21 08:45	17/10/21 11:45	932	934
934			Clean Grease On Girthgear Teeth And The Tyre	3 hrs	17/10/21 11:45	17/10/21 15:15	933	935
935			Mark The First Teeth,Rotate Calciner And Dress One Teeth After Another	24 hrs	17/10/21 15:15	20/10/21 07:15	934	936
936			Simultaneously Dress The Tyre	24 hrs	20/10/21 07:15	22/10/21 10:15	935	937
937			Replace Guards	1.5 hrs	22/10/21 10:15	22/10/21 11:45	936	938
938			Clear Permit	0.25 hrs	22/10/21 11:45	22/10/21 12:00	937	
939		29A2GR01	# A CALCINER - Check V-Belts And Pulleys	7.5 hrs	22/10/21 12:00	23/10/21 09:00	930	948
940			Make Out Permit	0.25 hrs	22/10/21 12:00	22/10/21 12:15		941
941			Accept Permit	0.25 hrs	22/10/21 12:30	22/10/21 12:45	940	942
942			Remove Guard	1 hr	22/10/21 12:45	22/10/21 13:45	941	943
943			Remove Vee Belts	1 hr	22/10/21 13:45	22/10/21 14:45	942	944
944			Remove And Replace Both Pulleys	3 hrs	22/10/21 14:45	22/10/21 17:45	943	945
945			Replace Vee Belts	1 hr	22/10/21 17:45	23/10/21 07:45	944	946
946			Replace Guard	1 hr	23/10/21 07:45	23/10/21 08:45	945	947
947			Clear Permit	0.25 hrs	23/10/21 08:45	23/10/21 09:00	946	
948		29A2GK01	# A1 CYCLONE CHAIN STIRRER - Carry out inspection	4.5 hrs	23/10/21 09:00	23/10/21 14:00	939	957,1037
949			Clean prior	0 hrs	23/10/21 09:00	23/10/21 09:00		950
950			Make out permit	0.25 hrs	23/10/21 09:00	23/10/21 09:15	949	951
951			Accept permit	0.25 hrs	23/10/21 09:15	23/10/21 09:30	950	952
952			Carry out risk assessment	0.25 hrs	23/10/21 09:30	23/10/21 09:45	951	953
953			Open inspection covers	1 hr	23/10/21 09:45	23/10/21 10:45	952	954
954			Carry out inspection	2 hrs	23/10/21 10:45	23/10/21 13:15	953	955
955			Box up	0.5 hrs	23/10/21 13:15	23/10/21 13:45	954	956
956			Clear permit	0.25 hrs	23/10/21 13:45	23/10/21 14:00	955	
957		29A2GK02	# A2 CYCLONE CHAIN STIRRER - Carry out inspection	4.5 hrs	23/10/21 14:00	24/10/21 07:30	948	
958			Clean prior	0 hrs	23/10/21 14:00	23/10/21 14:00		959
959			Make out permit	0.25 hrs	23/10/21 14:00	23/10/21 14:15	958	960

ID	Task Mode	Asset Code	Task Name	Duration	Start	Finish	Predecessors	Successor
960			Accept permit	0.25 hrs	23/10/21 14:15	23/10/21 14:30	959	961
961			Carry out risk assessment	0.25 hrs	23/10/21 14:30	23/10/21 14:45	960	962
962			Open inspection covers	1 hr	23/10/21 14:45	23/10/21 15:45	961	963
963			Carry out inspection	2 hrs	23/10/21 15:45	23/10/21 17:45	962	964
964			Box up	0.5 hrs	23/10/21 17:45	24/10/21 07:15	963	965
965			Clear permit	0.25 hrs	24/10/21 07:15	24/10/21 07:30	964	
966		29A2GR01	# A CALCINER - Inspection Deva Segments & Wear Plates	112.75 hrs	12/10/21 21:45	23/10/21 15:15	763	
967			Erect Platform At The Inlet End (Prior)	0 hrs	12/10/21 21:45	12/10/21 21:45		968
968			Make out permit	0.25 hrs	12/10/21 21:45	12/10/21 22:00	967	969
969			Accept permit	0.25 hrs	13/10/21 07:00	13/10/21 07:15	968	970
970			Conduct risk accessment	0.25 hrs	13/10/21 07:15	13/10/21 07:30	969	971
971			Cut Out Bolts On Inlet End	20 hrs	13/10/21 07:30	14/10/21 17:30	970	972
972			Remove And Replace Deva Segments Inlet End	12 hrs	14/10/21 17:30	16/10/21 08:00	971	973
973			Replace Wear Plates Inlet End	12 hrs	16/10/21 08:00	17/10/21 09:30	972	974
974			Replace Ptfе Segments	12 hrs	17/10/21 09:30	18/10/21 11:00	973	975
975			Cut Off Bolts On Discharge End (Stainless Steel)	8 hrs	18/10/21 11:00	19/10/21 08:30	974	976
976			Remove And Replace Inner Deva Segments Discharge End	12 hrs	19/10/21 08:30	20/10/21 10:00	975	977
977			Remove And Replace Inner Wear Plates Discharge End	12 hrs	20/10/21 10:00	21/10/21 11:30	976	978
978			Remove And Replace Outer Deva Segments Discharge End	12 hrs	21/10/21 11:30	22/10/21 13:30	977	979
979			Remove And Replace Outer Wear Plates Discharge End	12 hrs	22/10/21 13:30	23/10/21 15:00	978	980
980			Clear Permit	0.25 hrs	23/10/21 15:00	23/10/21 15:15	979	
981		29A2GR01	# A CALCINER (STEAM HEAD) - Overhaul The Steam Head	121.25 hrs	12/10/21 21:45	24/10/21 13:15	763	999
982			Make Out Permit	0.25 hrs	12/10/21 21:45	12/10/21 22:00		983
983			Accept Permit	0.25 hrs	13/10/21 07:00	13/10/21 07:15	982	984
984			Carry Out Risk Assesment	0.25 hrs	13/10/21 07:15	13/10/21 07:30	983	985
985			Isolate And Lock Out	0.25 hrs	13/10/21 07:30	13/10/21 07:45	984	986
986			Strip Out Steam Head	4 hrs	13/10/21 07:45	13/10/21 11:45	985	987
987			Rig Out And Transport To Workshop	2 hrs	13/10/21 11:45	13/10/21 14:15	986	988
988			Check For Cracks And Repair If Necessary	20 hrs	13/10/21 14:15	15/10/21 13:15	987	989
989			Preheat Weld Area	1 hr	15/10/21 13:15	15/10/21 14:15	988	990
990			Weld Cracks	20 hrs	15/10/21 14:15	17/10/21 13:15	989	991
991			Allow For Cooling	3 hrs	17/10/21 13:15	17/10/21 16:15	990	992
992			Crack Testing	3 hrs	17/10/21 16:15	18/10/21 08:15	991	993
993			Overhaul The Steam Head	60 hrs	18/10/21 08:15	23/10/21 16:15	992	994
994			Transport To Site	1 hr	23/10/21 16:15	23/10/21 17:15	993	995
995			Install	4 hrs	23/10/21 17:15	24/10/21 10:15	994	996
996			Box Up	2 hrs	24/10/21 10:15	24/10/21 12:45	995	997
997			Carry Out House Keeping	0.25 hrs	24/10/21 12:45	24/10/21 13:00	996	998
998			Clear Permit	0.25 hrs	24/10/21 13:00	24/10/21 13:15	997	
999		29A2EA02A	# B1 OIL FILTER - Install New Valves	4.75 hrs	24/10/21 13:15	24/10/21 18:00	981	
1000			Make out permits	0.25 hrs	24/10/21 13:15	24/10/21 13:30		1001
1001			Accept permit to work	0.25 hrs	24/10/21 13:30	24/10/21 13:45	1000	1002
1002			Carry out risk assesment	0.25 hrs	24/10/21 13:45	24/10/21 14:00	1001	1003
1003			Drain oil	0.5 hrs	24/10/21 14:00	24/10/21 14:30	1002	1004
1004			Remove valve	1 hr	24/10/21 14:30	24/10/21 15:30	1003	1005
1005			replace valve	1 hr	24/10/21 15:30	24/10/21 16:30	1004	1006
1006			Refill oil	1 hr	24/10/21 16:30	24/10/21 17:30	1005	1007
1007			house keeping	0.25 hrs	24/10/21 17:30	24/10/21 17:45	1006	1008

ID	Task Mode	Asset Code	Task Name	Duration	Start	Finish	Predecessors	Successor
1008			Clear permit	0.25 hrs	24/10/21 17:45	24/10/21 18:00	1007	
1009		29A2RF02	#A INCLINE CHAIN TROUGH CONVEYOR - Inspect & Replace Chain	122.13 hrs	13/10/21 07:00	24/10/21 14:08	763	
1010			B Incline-Replace Links - B Incline - Replace Chain	60 hrs	13/10/21 07:00	18/10/21 15:00		1011
1011			Make Out Permit	0.25 hrs	18/10/21 15:00	18/10/21 15:15	1010	1012
1012			Accept Permit	0.25 hrs	18/10/21 15:15	18/10/21 15:30	1011	1013
1013			Carry Out Risk Assesment	0.25 hrs	18/10/21 15:30	18/10/21 15:45	1012	1014
1014			Open The Top Covers Next To The Tail End Where The Operation Of Changing Flights Is Going To Take Place	1 hr	18/10/21 15:45	18/10/21 16:45	1013	1015
1015			Run The Chain Conveyor To Identify Damaged Links And Mark Them	1.38 hrs	18/10/21 16:45	19/10/21 07:08	1014	1016
1016			Position A Section Of The Flights To Be Removed	0.5 hrs	19/10/21 07:08	19/10/21 07:38	1015	1017
1017			Isolate The Conveyor And Lock It	0.25 hrs	19/10/21 07:38	19/10/21 07:53	1016	1018
1018			Lift The Counter Weight To Slack The Chain	0.5 hrs	19/10/21 07:53	19/10/21 08:23	1017	1019
1019			Perform Crack Test Using Dye Penetrant Method On The Links 0.25/Link X 422	2 hrs	19/10/21 08:23	19/10/21 10:23	1018	1020
1020			Cut The Pin Coller,Knock Out The Pin And Remove The Link	10 hrs	19/10/21 10:23	20/10/21 09:53	1019	1021
1021			Position The Link,Insert The Pin And Lock It By Welding	20 hrs	20/10/21 09:53	22/10/21 08:53	1020	1022
1022			Drop The Counterweight	0.25 hrs	22/10/21 08:53	22/10/21 09:08	1021	1023
1023			De Isolate The Chain And Run It To Position The Next Batch Of Links To Be Removed	0.5 hrs	22/10/21 09:08	22/10/21 09:38	1022	1024
1024			Repeat Steps,7,8,9,10,11 ,12 And 13 Untill Completion	15.38 hrs	22/10/21 09:38	23/10/21 14:23	1023	1025
1025			Apply Sealant And Close The Covers	1 hr	23/10/21 14:23	23/10/21 15:23	1024	1026
1026			Open Tail Plummer Blocks And Clean Old Grease	1 hr	23/10/21 15:23	23/10/21 16:23	1025	1027
1027			Inspect All The Bearings And Pack With Grease Or Change If Necessary	2 hrs	23/10/21 16:23	24/10/21 07:23	1026	1028
1028			Open The Drive End Bearings,Clean,Inspect,Repack And Change If Necessary	2 hrs	24/10/21 07:23	24/10/21 09:23	1027	1029
1029			Loosen And Remove The Guard For The Drive Unit	0.5 hrs	24/10/21 09:23	24/10/21 09:53	1028	1030
1030			Inspect The Fluid Coupling	0.5 hrs	24/10/21 09:53	24/10/21 10:23	1029	1031
1031			Replace Guard	0.5 hrs	24/10/21 10:23	24/10/21 10:53	1030	1032
1032			Drain Gear Box And Refill With New Oil To The Correct Level	1.5 hrs	24/10/21 10:53	24/10/21 12:53	1031	1033
1033			Carry Out House Keeping	0.25 hrs	24/10/21 12:53	24/10/21 13:08	1032	1034
1034			Sign Off The Permit	0.25 hrs	24/10/21 13:08	24/10/21 13:23	1033	1035
1035			Clear The Permit	0.25 hrs	24/10/21 13:23	24/10/21 13:38	1034	1036
1036			Test Run And Hand Over	0.5 hrs	24/10/21 13:38	24/10/21 14:08	1035	
1037		29A2RM02	# A RECYCLE SODA ASH STAR FEEDER - Overhaul Feeder	9.5 hrs	23/10/21 14:00	24/10/21 13:00	948	
1038			Make Out Permit	0.25 hrs	23/10/21 14:00	23/10/21 14:15		1039
1039			Accept Permit	0.25 hrs	23/10/21 14:15	23/10/21 14:30	1038	1040
1040			Cleaning The Area & Equipment	1 hr	23/10/21 14:30	23/10/21 15:30	1039	1041
1041			Risk Assesment	0.25 hrs	23/10/21 15:30	23/10/21 15:45	1040	1042
1042			Access Permit	0.25 hrs	23/10/21 15:45	23/10/21 16:00	1041	1043
1043			Remove The Guard	0.5 hrs	23/10/21 16:00	23/10/21 16:30	1042	1044
1044			Remove All Bolts	2 hrs	23/10/21 16:30	24/10/21 07:30	1043	1045
1045			Open Side Cover And Inspect Star Feeder	2 hrs	24/10/21 07:30	24/10/21 09:30	1044	1046
1046			Remove The Star Feeder To The Workshop	3 hrs	24/10/21 09:30	24/10/21 13:00	1045	
1047			Inspect And Replace Bellow	6 hrs	23/10/21 14:00	24/10/21 09:00		
1048			Strip And Overhaul	8 hrs	23/10/21 14:00	24/10/21 11:00		
1049			Assemble And Adjust Blades	4 hrs	23/10/21 14:00	23/10/21 18:00		
1050			Transport To Plant And Lift Into Position	2 hrs	23/10/21 14:00	23/10/21 16:00	1120	1051
1051			Install Star Feeder And Fit Coupling	4 hrs	23/10/21 16:00	24/10/21 09:00	1050	1052
1052			Install The Guards	0.25 hrs	24/10/21 09:00	24/10/21 09:15	1051	1053
1053			Box Up	1.5 hrs	24/10/21 09:15	24/10/21 10:45	1052	1054
1054			Clear Permit	0.25 hrs	24/10/21 10:45	24/10/21 11:00	1053	1068
1055		29A2RM03	# A DISCHARGE STAR FEEDER - Overhaul Feeder	125 hrs	12/10/21 21:45	24/10/21 17:00	763	

ID	Task Mode	Asset Code	Task Name	Duration	Start	Finish	Predecessors	Successor
1056			Make Out Permit	0.25 hrs	12/10/21 21:45	12/10/21 22:00		1057
1057			Accept Permit	0.25 hrs	13/10/21 07:00	13/10/21 07:15	1056	1058
1058			Obtain Ptw	0.25 hrs	13/10/21 07:15	13/10/21 07:30	1057	1059
1059			Isolate And Lock Out	0.25 hrs	13/10/21 07:30	13/10/21 07:45	1058	1060
1060			Carry Out Risk Assessment	0.25 hrs	13/10/21 07:45	13/10/21 08:00	1059	1061
1061			Remove Guard	0.25 hrs	13/10/21 08:00	13/10/21 08:15	1060	1062
1062			Open Side Cover And Inspect Star Feeder	2 hrs	13/10/21 08:15	13/10/21 10:15	1061	1063
1063			Undo The Feeder Flanges	2 hrs	13/10/21 10:15	13/10/21 12:45	1062	1064
1064			Rig The Feeder Out	2 hrs	13/10/21 12:45	13/10/21 14:45	1063	1065
1065			Wash The Feeder Prior To Transportation To The W/Shop	2 hrs	13/10/21 14:45	13/10/21 16:45	1064	
1066			Strip And Overhaul	8 hrs	13/10/21 07:00	13/10/21 15:30		
1067			Assemble And Adjust	2 hrs	13/10/21 07:00	13/10/21 09:00		
1068			Transport And Lift Into Position	1 hr	24/10/21 11:00	24/10/21 12:00	1054	1069
1069			Install Star Feeder	3 hrs	24/10/21 12:30	24/10/21 15:30	1068	1070
1070			Box Up	1 hr	24/10/21 15:30	24/10/21 16:30	1069	1071
1071			Clear Permit	0.25 hrs	24/10/21 16:30	24/10/21 16:45	1070	1072
1072			Test Run	0.25 hrs	24/10/21 16:45	24/10/21 17:00	1071	
1073		29A2GL01	# A DOUBLE SHAFT MIXER - Carry Out Inspection on screws and coupling	63 hrs	12/10/21 21:45	18/10/21 18:00	763	1106
1074			Make Out Permit	0.25 hrs	12/10/21 21:45	12/10/21 22:00		1075
1075			Accept Permit	0.25 hrs	13/10/21 07:00	13/10/21 07:15	1074	1076
1076			Carry Out Risk Assessment	0.25 hrs	13/10/21 07:15	13/10/21 07:30	1075	1077
1077			Open The Manhole Cover	0.5 hrs	13/10/21 07:30	13/10/21 08:00	1076	1078
1078			Perform Gas Test	0.25 hrs	13/10/21 08:00	13/10/21 08:15	1077	1079
1079			Enter And Inspect The Screw For Craks,Physical Damage And Deformation(Crack Test To Be Done Using The Dye Penet	6 hrs	13/10/21 08:15	13/10/21 14:45	1078	1080
1080			Check If All Bolts Are In A Proper Position And Not Worn Out Or Brocken(Paddles,Flange And Pedestal Mouting Bolts)	6 hrs	13/10/21 14:45	14/10/21 09:45	1079	1081
1081			Check Deva Bearings For Physical Damage,Wear And Change If Necessary	2 hrs	14/10/21 09:45	14/10/21 11:45	1080	1082
1082			Confirm Clearances Between The Journal And The Bearing(0.5Mm)	2 hrs	14/10/21 11:45	14/10/21 14:15	1081	1083
1083			Disconnect Lube Pipes And Check Pipes For Blockages	2 hrs	14/10/21 14:15	14/10/21 16:15	1082	1084
1084			Clean The Oil Gallery And Blow With Compressed Air	0.5 hrs	14/10/21 16:15	14/10/21 16:45	1083	1085
1085			Connect The Manual Pump To The Supply Port	0.25 hrs	14/10/21 16:45	14/10/21 17:00	1084	1086
1086			Pump Oil Manually And Check If It Flows Out From The Other End,Then Reconnect The Pipes And Pump Again To See If	2 hrs	14/10/21 17:00	15/10/21 08:00	1085	1087
1087			Normalize And Box Up If Ok Or Continue As Follows	1 hr	15/10/21 08:00	15/10/21 09:00	1086	1088
1088			Secure The Shafts Using Chain Block	0.5 hrs	15/10/21 09:00	15/10/21 09:30	1087	1089
1089			Cut The Securing Bolts And Remove The Bottom Shell(Intermediate Shaft)	6 hrs	15/10/21 09:30	15/10/21 16:00	1088	1090
1090			Lower The Shaft To Enable Easy Removal Of The Top Bearing Halves	2 hrs	15/10/21 16:00	15/10/21 18:00	1089	1091
1091			Install New Bearing Halves(Top Bearing)	2 hrs	16/10/21 07:00	16/10/21 09:00	1090	1092
1092			Lift The Shaft(Care Should Be Taken Not To Break The Top Bearing Half.Allow For A 1Mm Clearance	0.5 hrs	16/10/21 09:00	16/10/21 09:30	1091	1093
1093			Position The Bearing Halves On The Bottom Shell And Align Oil Galleries And Mount It,Then Secure With Bolts And Nuts	1 hr	16/10/21 09:30	16/10/21 10:30	1092	1094
1094			Place A 3Mm Shim Between The Shells And Secure Accordingly	1 hr	16/10/21 10:30	16/10/21 11:30	1093	1095
1095			Support The Screw To Allow Easy Removal Of The Inner Bearing	0.5 hrs	16/10/21 11:30	16/10/21 12:00	1094	1096
1096			Disconnect Lube Pipe,Cut The Bolts And Remove Bearing Assembly	6 hrs	16/10/21 12:30	17/10/21 07:30	1095	1097
1097			Inspect The Stub,Remove And Recondition If Worn Out	6 hrs	17/10/21 07:30	17/10/21 14:00	1096	1098
1098			Loosen The Locking Bolt And Remove The Deva Brng From Housing	1 hr	17/10/21 14:00	17/10/21 15:00	1097	1099
1099			Install Pedestal,New Deva Bearing And Secure	1 hr	17/10/21 15:00	17/10/21 16:00	1098	1100
1100			Repeat Step 11,12 & 13 And Connect Lube Pipes	1 hr	17/10/21 16:00	17/10/21 17:00	1099	1101
1101			Weld All Nuts To Lock Them	10 hrs	17/10/21 17:00	18/10/21 16:30	1100	1102
1102			Carry Out Housekeeping And Sign Off The Permit	0.5 hrs	18/10/21 16:30	18/10/21 17:00	1101	1103
1103			Obtain The Test Run Permit,Run And Obverve All Parameters	0.25 hrs	18/10/21 17:00	18/10/21 17:15	1102	1104

ID	Task Mode	Asset Code	Task Name	Duration	Start	Finish	Predecessors	Successor
1104		29A2RM01	Stop And Box Up The Covers,Then Sign Off The Test Permit	0.5 hrs	18/10/21 17:15	18/10/21 17:45	1103	1105
1105			Clear The Permit	0.25 hrs	18/10/21 17:45	18/10/21 18:00	1104	
1106			# A BICARBONATE STAR FEEDER - Remove And Overhaul	5.25 hrs	18/10/21 18:00	19/10/21 12:45	1073	
1107			Make Out Permit	0.25 hrs	18/10/21 18:00	18/10/21 18:15		1108
1108			Accept Permit	0.25 hrs	18/10/21 18:15	18/10/21 18:30	1107	1109
1109			Cleaning The Area & Equipment	1 hr	18/10/21 18:30	18/10/21 19:30	1108	1110
1110			Remove The Geared Unit	1 hr	19/10/21 07:00	19/10/21 08:00	1109	1111
1111			Remove All Bolts	1 hr	19/10/21 08:00	19/10/21 09:00	1110	1112
1112			Remove The Star Feeder To The W/Shop	3 hrs	19/10/21 09:00	19/10/21 12:00	1111	
1113			Drain Oil	1 hr	19/10/21 07:00	19/10/21 08:00		
1114			Remove The Cover	2 hrs	19/10/21 07:00	19/10/21 09:00		
1115			Remove All Gears To Access The Bearing	4 hrs	19/10/21 07:00	19/10/21 11:00		
1116			Remove Bearing For Rotor & Scrapper	4 hrs	19/10/21 07:00	19/10/21 11:00		
1117			Assemble, Put Gen Gear 220	4 hrs	19/10/21 07:00	19/10/21 11:00		
1118		29A2RN01	Transport To The Plant	1 hr	19/10/21 07:00	19/10/21 08:00		1119
1119			Install, Commission	4 hrs	19/10/21 08:00	19/10/21 12:00	1118	1120
1120			Clear The Permit	0.25 hrs	19/10/21 12:30	19/10/21 12:45	1119	1050
1121			# A BICARBONATE INLET CHUTE - Modify Chute	25.75 hrs	12/10/21 21:45	15/10/21 11:45	763	
1122			Fabricate chute prior	0 hrs	12/10/21 21:45	12/10/21 21:45		1123
1123			Make Out Permit	0.25 hrs	12/10/21 21:45	12/10/21 22:00	1122	1124
1124			Accept Permit	0.25 hrs	13/10/21 07:00	13/10/21 07:15	1123	1125
1125			Mark And Cut Plates To Size	3 hrs	13/10/21 07:15	13/10/21 10:15	1124	1126
1126			Remove Existing Conveyor Belt	2 hrs	13/10/21 10:15	13/10/21 12:45	1125	1127
1127			Install New Plates	10 hrs	13/10/21 12:45	14/10/21 11:45	1126	1128
1128			Weld In New Plates	10 hrs	14/10/21 11:45	15/10/21 11:15	1127	1129
1129			Housekeeping	0.25 hrs	15/10/21 11:15	15/10/21 11:30	1128	1130
1130			Clear Permit	0.25 hrs	15/10/21 11:30	15/10/21 11:45	1129	
1131		29A2GA01	DUST COLLECTING SCREWS 3 OFF	50.25 hrs	11/10/21 07:00	15/10/21 15:45		
1132			Install collectfng screw	50 hrs	11/10/21 07:00	15/10/21 15:30		1133
1133			clear	0.25 hrs	15/10/21 15:30	15/10/21 15:45	1132	
1134			BELLOW ON TOP OF RECYCLE STAR FEEDER - Inspect and replace if necessary	50 hrs	11/10/21 07:00	15/10/21 15:30		
1135			Inspect and replace	50 hrs	11/10/21 07:00	15/10/21 15:30		
1136			Clear	0.25 hrs	11/10/21 07:00	11/10/21 07:15		
1137			# A STEAM HEAD OIL PUMP - Services Motor and Panel Components	3.5 hrs	11/10/21 07:00	11/10/21 10:30	1	1150
1138			Make Out Permit	0.25 hrs	11/10/21 07:00	11/10/21 07:15		1139
1139			Accept Permit	0.25 hrs	11/10/21 07:15	11/10/21 07:30	1138	1140
1140			Services Panel Components And Replace Motor	0.25 hrs	11/10/21 07:30	11/10/21 07:45	1139	1141
1141			Carry Out Electrical Isolation	0.25 hrs	11/10/21 07:45	11/10/21 08:00	1140	1142
1142			Check Loose Connections In The Panel	0.25 hrs	11/10/21 08:00	11/10/21 08:15	1141	1143
1143			Check Contactor Contacts	0.25 hrs	11/10/21 08:15	11/10/21 08:30	1142	1144
1144			Service Stop/Start	0.5 hrs	11/10/21 08:30	11/10/21 09:00	1143	1145
1145		29A2GA07	Check Cable Terminal Leads For Over Heating	0.25 hrs	11/10/21 09:00	11/10/21 09:15	1144	1146
1146			Check motor connection	0.5 hrs	11/10/21 09:15	11/10/21 09:45	1145	1147
1147			Seal For Moisture And Dust	0.25 hrs	11/10/21 09:45	11/10/21 10:00	1146	1148
1148			Confirm Correct Protection Settings	0.25 hrs	11/10/21 10:00	11/10/21 10:15	1147	1149
1149			Clear Permit	0.25 hrs	11/10/21 10:15	11/10/21 10:30	1148	
1150			# A DOUBLE SHAFT MIXER LUBE PUMP - Services Motor and Panel Components	3.5 hrs	11/10/21 10:30	11/10/21 14:30	1137	1163
1151			Make Out Permit	0.25 hrs	11/10/21 10:30	11/10/21 10:45		1152

ID	Task Mode	Asset Code	Task Name	Duration	Start	Finish	Predecessor	Successor
1152			Accept Permit	0.25 hrs	11/10/21 10:45	11/10/21 11:00	1151	1153
1153			Services Panel Components And Replace Motor	0.25 hrs	11/10/21 11:00	11/10/21 11:15	1152	1154
1154			Carry Out Electrical Isolation	0.25 hrs	11/10/21 11:15	11/10/21 11:30	1153	1155
1155			Check Loose Connections In The Panel	0.25 hrs	11/10/21 11:30	11/10/21 11:45	1154	1156
1156			Check Contactor Contacts	0.25 hrs	11/10/21 11:45	11/10/21 12:00	1155	1157
1157			Service Stop/Start	0.5 hrs	11/10/21 12:30	11/10/21 13:00	1156	1158
1158			Check Cable Terminal Leads For Over Heating	0.25 hrs	11/10/21 13:00	11/10/21 13:15	1157	1159
1159			Check motor connection	0.5 hrs	11/10/21 13:15	11/10/21 13:45	1158	1160
1160			Seal For Moisture And Dust	0.25 hrs	11/10/21 13:45	11/10/21 14:00	1159	1161
1161			Confirm Correct Protection Settings	0.25 hrs	11/10/21 14:00	11/10/21 14:15	1160	1162
1162			Clear Permit	0.25 hrs	11/10/21 14:15	11/10/21 14:30	1161	
1163		29A2GA03	# A2 CALCINER ROLLER LUBE PUMP - Services Motor and Panel Components	3.5 hrs	11/10/21 14:30	11/10/21 18:00	1150	1176
1164			Make Out Permit	0.25 hrs	11/10/21 14:30	11/10/21 14:45		1165
1165			Accept Permit	0.25 hrs	11/10/21 14:45	11/10/21 15:00	1164	1166
1166			Services Panel Components And Replace Motor	0.25 hrs	11/10/21 15:00	11/10/21 15:15	1165	1167
1167			Carry Out Electrical Isolation	0.25 hrs	11/10/21 15:15	11/10/21 15:30	1166	1168
1168			Check Loose Connections In The Panel	0.25 hrs	11/10/21 15:30	11/10/21 15:45	1167	1169
1169			Check Contactor Contacts	0.25 hrs	11/10/21 15:45	11/10/21 16:00	1168	1170
1170			Service Stop/Start	0.5 hrs	11/10/21 16:00	11/10/21 16:30	1169	1171
1171			Check Cable Terminal Leads For Over Heating	0.25 hrs	11/10/21 16:30	11/10/21 16:45	1170	1172
1172			Check motor connection	0.5 hrs	11/10/21 16:45	11/10/21 17:15	1171	1173
1173			Seal For Moisture And Dust	0.25 hrs	11/10/21 17:15	11/10/21 17:30	1172	1174
1174			Confirm Correct Protection Settings	0.25 hrs	11/10/21 17:30	11/10/21 17:45	1173	1175
1175			Clear Permit	0.25 hrs	11/10/21 17:45	11/10/21 18:00	1174	
1176		29A2GA05	# A1 CALCINER ROLLER LUBE PUMP - Services Motor and Panel Components	3.25 hrs	11/10/21 18:00	12/10/21 10:15	1163	1189
1177			Make Out Permit	0.25 hrs	11/10/21 18:00	11/10/21 18:15		1178
1178			Accept Permit	0.25 hrs	12/10/21 07:00	12/10/21 07:15	1177	1179
1179			Services Panel Components And Replace Motor	0.25 hrs	12/10/21 07:15	12/10/21 07:30	1178	1180
1180			Carry Out Electrical Isolation	0.25 hrs	12/10/21 07:30	12/10/21 07:45	1179	1181
1181			Check Loose Connections In The Panel	0.25 hrs	12/10/21 07:45	12/10/21 08:00	1180	1182
1182			Check Contactor Contacts	0.25 hrs	12/10/21 08:00	12/10/21 08:15	1181	1183
1183			Service Stop/Start	0.5 hrs	12/10/21 08:15	12/10/21 08:45	1182	1184
1184			Check Cable Terminal Leads For Over Heating	0.25 hrs	12/10/21 08:45	12/10/21 09:00	1183	1185
1185			Check motor connection	0.5 hrs	12/10/21 09:00	12/10/21 09:30	1184	1186
1186			Seal For Moisture And Dust	0.25 hrs	12/10/21 09:30	12/10/21 09:45	1185	1187
1187			Confirm Correct Protection Settings	0.25 hrs	12/10/21 09:45	12/10/21 10:00	1186	1188
1188			Clear Permit	0.25 hrs	12/10/21 10:00	12/10/21 10:15	1187	
1189		29A2GR01	# A CALCINER - Services Electric Motor And Panel Components	6 hrs	12/10/21 10:15	12/10/21 16:45	1176	1206
1190			Make Out Permit	0.25 hrs	12/10/21 10:15	12/10/21 10:30		1191
1191			Accept Permit	0.25 hrs	12/10/21 10:30	12/10/21 10:45	1190	1192
1192			B Calciner Main Drive	0.25 hrs	12/10/21 10:45	12/10/21 11:00	1191	1193
1193			Services Electric Motor And Panel Components	0.25 hrs	12/10/21 11:00	12/10/21 11:15	1192	1194
1194			Carry Out Electrical Isolation	0.25 hrs	12/10/21 11:15	12/10/21 11:30	1193	1195
1195			Check Loose Connections In The Panel	0.25 hrs	12/10/21 11:30	12/10/21 11:45	1194	1196
1196			Check Contactor Contacts	0.25 hrs	12/10/21 11:45	12/10/21 12:00	1195	1197
1197			Service under speed circuit	2 hrs	12/10/21 12:30	12/10/21 14:30	1196	1198
1198			Service Main/Auxiliary Interlocking Switch	0.25 hrs	12/10/21 14:30	12/10/21 14:45	1197	1199
1199			Service Stop/Start	0.25 hrs	12/10/21 14:45	12/10/21 15:00	1198	1200

ID	Task Mode	Asset Code	Task Name	Duration	Start	Finish	Predecessor	Successor
1200			Check Fan Condition	0.25 hrs	12/10/21 15:00	12/10/21 15:15	1199	1201
1201			Check Cable Terminal Leads For Over Heating	0.25 hrs	12/10/21 15:15	12/10/21 15:30	1200	1202
1202			Tighten Motor Connections & Gland Integrity	0.5 hrs	12/10/21 15:30	12/10/21 16:00	1201	1203
1203			Seal For Moisture And Dust	0.25 hrs	12/10/21 16:00	12/10/21 16:15	1202	1204
1204			Confirm Correct Protection Settings	0.25 hrs	12/10/21 16:15	12/10/21 16:30	1203	1205
1205			Clear Permit	0.25 hrs	12/10/21 16:30	12/10/21 16:45	1204	
1206		29A2GR01	#A CALCINER GAS COMPRESSOR - Carry out electrical maintenance	11 hrs	12/10/21 16:45	13/10/21 17:15	1189	1218
1207			Make out permit	0.25 hrs	12/10/21 16:45	12/10/21 17:00		1208
1208			Accept permit	0.25 hrs	12/10/21 17:00	12/10/21 17:15	1207	1209
1209			Carry out electrical isolation	0.25 hrs	12/10/21 17:15	12/10/21 17:30	1208	1210
1210			Service control panels	1 hr	12/10/21 17:30	13/10/21 07:30	1209	1211
1211			Replace motor	4 hrs	13/10/21 07:30	13/10/21 11:30	1210	1212
1212			Service Auxiliary drives	3 hrs	13/10/21 11:30	13/10/21 15:00	1211	1213
1213			Reinstate winding temperature monitor circuit	1 hr	13/10/21 15:00	13/10/21 16:00	1212	1214
1214			Ensure Motor winding heater is working	0.5 hrs	13/10/21 16:00	13/10/21 16:30	1213	1215
1215			Seal for Moisture and dust.	0.25 hrs	13/10/21 16:30	13/10/21 16:45	1214	1216
1216			Confirm correct protection settings for all drives	0.25 hrs	13/10/21 16:45	13/10/21 17:00	1215	1217
1217			Clear permit	0.25 hrs	13/10/21 17:00	13/10/21 17:15	1216	
1218		29A2RF01	# A DISCHARGE SCREW CONVEYOR - Services Electric Motor And Panel Components	3.75 hrs	13/10/21 17:15	14/10/21 10:00	1206	1234
1219			Make Out Permit	0.25 hrs	13/10/21 17:15	13/10/21 17:30		1220
1220			Accept Permit	0.25 hrs	13/10/21 17:30	13/10/21 17:45	1219	1221
1221			A Calciner Discharge Screw	0.25 hrs	13/10/21 17:45	13/10/21 18:00	1220	1222
1222			Services Electric Motor And Panel Components	0.25 hrs	14/10/21 07:00	14/10/21 07:15	1221	1223
1223			Carry Out Electrical Isolation	0.25 hrs	14/10/21 07:15	14/10/21 07:30	1222	1224
1224			Check Loose Connections In The Panel	0.25 hrs	14/10/21 07:30	14/10/21 07:45	1223	1225
1225			Check Contactor Contacts	0.25 hrs	14/10/21 07:45	14/10/21 08:00	1224	1226
1226			Service Stop/Start	0.25 hrs	14/10/21 08:00	14/10/21 08:15	1225	1227
1227			Inspect For Possible Gear Box Seal Leak	0.25 hrs	14/10/21 08:15	14/10/21 08:30	1226	1228
1228			Check Cable Terminal Leads For Over Heating	0.25 hrs	14/10/21 08:30	14/10/21 08:45	1227	1229
1229			Tighten Motor Connections & Gland Integrity	0.25 hrs	14/10/21 08:45	14/10/21 09:00	1228	1230
1230			Replace Safe Start Alarm	0.25 hrs	14/10/21 09:00	14/10/21 09:15	1229	1231
1231			Seal For Moisture And Dust	0.25 hrs	14/10/21 09:15	14/10/21 09:30	1230	1232
1232			Confirm Correct Protection Settings	0.25 hrs	14/10/21 09:30	14/10/21 09:45	1231	1233
1233			Clear Permit	0.25 hrs	14/10/21 09:45	14/10/21 10:00	1232	
1234		29A2RF02	# A INCLINED TROUGH CHAIN CONVEYOR - Services Electric Motor And Panel Components	4 hrs	14/10/21 10:00	14/10/21 14:30	1218	1251
1235			Make Out Permit	0.25 hrs	14/10/21 10:00	14/10/21 10:15		1236
1236			Accept Permit	0.25 hrs	14/10/21 10:15	14/10/21 10:30	1235	1237
1237			Services Electric Motor And Panel Components	0.25 hrs	14/10/21 10:30	14/10/21 10:45	1236	1238
1238			Carry Out Electrical Isolation	0.25 hrs	14/10/21 10:45	14/10/21 11:00	1237	1239
1239			Check Loose Connections In The Panel	0.25 hrs	14/10/21 11:00	14/10/21 11:15	1238	1240
1240			Clean Panel Interior	0.25 hrs	14/10/21 11:15	14/10/21 11:30	1239	1241
1241			Check Contactor Contacts	0.25 hrs	14/10/21 11:30	14/10/21 11:45	1240	1242
1242			Service U/S Circuit	0.25 hrs	14/10/21 11:45	14/10/21 12:00	1241	1243
1243			Service Stop/Start	0.25 hrs	14/10/21 12:30	14/10/21 12:45	1242	1244
1244			Check Fan Condition	0.25 hrs	14/10/21 12:45	14/10/21 13:00	1243	1245
1245			Check Cable Terminal Leads For Over Heating	0.25 hrs	14/10/21 13:00	14/10/21 13:15	1244	1246
1246			Tighten Motor Connections & Gland Integrity	0.25 hrs	14/10/21 13:15	14/10/21 13:30	1245	1247
1247			Service chain tension Go Switches And Test Functionality	0.25 hrs	14/10/21 13:30	14/10/21 13:45	1246	1248

ID	Task Mode	Asset Code	Task Name	Duration	Start	Finish	Predecessors	Successor
1248			Seal For Moisture And Dust	0.25 hrs	14/10/21 13:45	14/10/21 14:00	1247	1249
1249			Confirm Correct Protection Settings	0.25 hrs	14/10/21 14:00	14/10/21 14:15	1248	1250
1250			Clear Permit	0.25 hrs	14/10/21 14:15	14/10/21 14:30	1249	
1251		29A2RF03	# A 1 DUST DISCHARGE CONVEYOR - Services Electric Motor And Panel Components	3.5 hrs	14/10/21 14:30	14/10/21 18:00	1234	1266
1252			Make Out Permit	0.25 hrs	14/10/21 14:30	14/10/21 14:45		1253
1253			Accept Permit	0.25 hrs	14/10/21 14:45	14/10/21 15:00	1252	1254
1254			A1 Dust Discharge Conveyor	0.25 hrs	14/10/21 15:00	14/10/21 15:15	1253	1255
1255			Services Electric Motor And Panel Components	0.25 hrs	14/10/21 15:15	14/10/21 15:30	1254	1256
1256			Carry Out Electrical Isolation	0.25 hrs	14/10/21 15:30	14/10/21 15:45	1255	1257
1257			Check Loose Connections In The Panel	0.25 hrs	14/10/21 15:45	14/10/21 16:00	1256	1258
1258			Check Contactor Contacts	0.25 hrs	14/10/21 16:00	14/10/21 16:15	1257	1259
1259			Service Stop/Start	0.25 hrs	14/10/21 16:15	14/10/21 16:30	1258	1260
1260			Inspect For Possible Gear Box Seal Leak	0.25 hrs	14/10/21 16:30	14/10/21 16:45	1259	1261
1261			Check Cable Terminal Leads For Over Heating	0.25 hrs	14/10/21 16:45	14/10/21 17:00	1260	1262
1262			Tighten Motor Connections & Gland Integrity	0.25 hrs	14/10/21 17:00	14/10/21 17:15	1261	1263
1263			Seal For Moisture And Dust	0.25 hrs	14/10/21 17:15	14/10/21 17:30	1262	1264
1264			Confirm Correct Protection Settings	0.25 hrs	14/10/21 17:30	14/10/21 17:45	1263	1265
1265			Clear Permit	0.25 hrs	14/10/21 17:45	14/10/21 18:00	1264	
1266		29A2RF04	# A 2 DUST DISCHARGE CONVEYOR - Services Electric Motor And Panel Components	3.25 hrs	14/10/21 18:00	15/10/21 10:15	1251	1281
1267			Make Out Permit	0.25 hrs	14/10/21 18:00	14/10/21 18:15		1268
1268			Accept Permit	0.25 hrs	15/10/21 07:00	15/10/21 07:15	1267	1269
1269			Services Electric Motor And Panel Components	0.25 hrs	15/10/21 07:15	15/10/21 07:30	1268	1270
1270			Carry Out Electrical Isolation	0.25 hrs	15/10/21 07:30	15/10/21 07:45	1269	1271
1271			Check Loose Connections In The Panel	0.25 hrs	15/10/21 07:45	15/10/21 08:00	1270	1272
1272			Check Contactor Contacts	0.25 hrs	15/10/21 08:00	15/10/21 08:15	1271	1273
1273			Service Stop/Start	0.25 hrs	15/10/21 08:15	15/10/21 08:30	1272	1274
1274			Check Fan Condition	0.25 hrs	15/10/21 08:30	15/10/21 08:45	1273	1275
1275			Inspect For Possible Gear Box Seal Leak	0.25 hrs	15/10/21 08:45	15/10/21 09:00	1274	1276
1276			Check Cable Terminal Leads For Over Heating	0.25 hrs	15/10/21 09:00	15/10/21 09:15	1275	1277
1277			Tighten Motor Connections & Gland Integrity	0.25 hrs	15/10/21 09:15	15/10/21 09:30	1276	1278
1278			Seal For Moisture And Dust	0.25 hrs	15/10/21 09:30	15/10/21 09:45	1277	1279
1279			Confirm Correct Protection Settings	0.25 hrs	15/10/21 09:45	15/10/21 10:00	1278	1280
1280			Clear Permit	0.25 hrs	15/10/21 10:00	15/10/21 10:15	1279	
1281		29A2RF05	# A COLLECTED DUST SCREW CONVEYOR - Services Electric Motor And Panel Components	3.75 hrs	15/10/21 10:15	15/10/21 14:30	1266	1297
1282			Make Out Permit	0.25 hrs	15/10/21 10:15	15/10/21 10:30		1283
1283			Accept Permit	0.25 hrs	15/10/21 10:30	15/10/21 10:45	1282	1284
1284			A Collected Dust Screw Conveyor	0.25 hrs	15/10/21 10:45	15/10/21 11:00	1283	1285
1285			Services Electric Motor And Panel Components	0.25 hrs	15/10/21 11:00	15/10/21 11:15	1284	1286
1286			Carry Out Electrical Isolation	0.25 hrs	15/10/21 11:15	15/10/21 11:30	1285	1287
1287			Check Loose Connections In The Panel	0.25 hrs	15/10/21 11:30	15/10/21 11:45	1286	1288
1288			Check Contactor Contacts	0.25 hrs	15/10/21 11:45	15/10/21 12:00	1287	1289
1289			Service Stop/Start	0.25 hrs	15/10/21 12:30	15/10/21 12:45	1288	1290
1290			Check Fan Condition	0.25 hrs	15/10/21 12:45	15/10/21 13:00	1289	1291
1291			Inspect For Possible Gear Box Seal Leak	0.25 hrs	15/10/21 13:00	15/10/21 13:15	1290	1292
1292			Check Cable Terminal Leads For Over Heating	0.25 hrs	15/10/21 13:15	15/10/21 13:30	1291	1293
1293			Tighten Motor Connections & Gland Integrity	0.25 hrs	15/10/21 13:30	15/10/21 13:45	1292	1294
1294			Seal For Moisture And Dust	0.25 hrs	15/10/21 13:45	15/10/21 14:00	1293	1295
1295			Confirm Correct Protection Settings	0.25 hrs	15/10/21 14:00	15/10/21 14:15	1294	1296

ID	Task Mode	Asset Code	Task Name	Duration	Start	Finish	Predecessors	Successor
1296			Clear Permit	0.25 hrs	15/10/21 14:15	15/10/21 14:30	1295	
1297		29A2RM01	# A BICARBONATE STAR FEEDER - Services Electric Motor And Panel Components	3.75 hrs	15/10/21 14:30	16/10/21 07:15	1281	1313
1298			Make Out Permit	0.25 hrs	15/10/21 14:30	15/10/21 14:45		1299
1299			Accept Permit	0.25 hrs	15/10/21 14:45	15/10/21 15:00	1298	1300
1300			A Bicarbonate Star Feeder	0.25 hrs	15/10/21 15:00	15/10/21 15:15	1299	1301
1301			Services Electric Motor And Panel Components	0.25 hrs	15/10/21 15:15	15/10/21 15:30	1300	1302
1302			Carry Out Electrical Isolation	0.25 hrs	15/10/21 15:30	15/10/21 15:45	1301	1303
1303			Check Loose Connections In The Panel	0.25 hrs	15/10/21 15:45	15/10/21 16:00	1302	1304
1304			Check Contactor Contacts	0.25 hrs	15/10/21 16:00	15/10/21 16:15	1303	1305
1305			Service Stop/Start	0.25 hrs	15/10/21 16:15	15/10/21 16:30	1304	1306
1306			Check Fan Condition	0.25 hrs	15/10/21 16:30	15/10/21 16:45	1305	1307
1307			Inspect For Possible Gear Box Seal Leak	0.25 hrs	15/10/21 16:45	15/10/21 17:00	1306	1308
1308			Check Cable Terminal Leads For Over Heating	0.25 hrs	15/10/21 17:00	15/10/21 17:15	1307	1309
1309			Tighten Motor Connections & Gland Integrity	0.25 hrs	15/10/21 17:15	15/10/21 17:30	1308	1310
1310			Seal For Moisture And Dust	0.25 hrs	15/10/21 17:30	15/10/21 17:45	1309	1311
1311			Confirm Correct Protection Settings	0.25 hrs	15/10/21 17:45	15/10/21 18:00	1310	1312
1312			Clear Permit	0.25 hrs	16/10/21 07:00	16/10/21 07:15	1311	
1313		29A2RM02	# A RECYCLE SODA ASH STAR FEEDER - Services Electric Motor And Panel Components	3.5 hrs	16/10/21 07:15	16/10/21 10:45	1297	1328
1314			Make Out Permit	0.25 hrs	16/10/21 07:15	16/10/21 07:30		1315
1315			Accept Permit	0.25 hrs	16/10/21 07:30	16/10/21 07:45	1314	1316
1316			Services Electric Motor And Panel Components	0.25 hrs	16/10/21 07:45	16/10/21 08:00	1315	1317
1317			Carry Out Electrical Isolation	0.25 hrs	16/10/21 08:00	16/10/21 08:15	1316	1318
1318			Check Loose Connections In The Panel	0.25 hrs	16/10/21 08:15	16/10/21 08:30	1317	1319
1319			Check Contactor Contacts	0.25 hrs	16/10/21 08:30	16/10/21 08:45	1318	1320
1320			Service Stop/Start	0.25 hrs	16/10/21 08:45	16/10/21 09:00	1319	1321
1321			Check Fan Condition	0.25 hrs	16/10/21 09:00	16/10/21 09:15	1320	1322
1322			Inspect For Possible Gear Box Seal Leak	0.25 hrs	16/10/21 09:15	16/10/21 09:30	1321	1323
1323			Check Cable Terminal Leads For Over Heating	0.25 hrs	16/10/21 09:30	16/10/21 09:45	1322	1324
1324			Tighten Motor Connections & Gland Integrity	0.25 hrs	16/10/21 09:45	16/10/21 10:00	1323	1325
1325			Seal For Moisture And Dust	0.25 hrs	16/10/21 10:00	16/10/21 10:15	1324	1326
1326			Confirm Correct Protection Settings	0.25 hrs	16/10/21 10:15	16/10/21 10:30	1325	1327
1327			Clear Permit	0.25 hrs	16/10/21 10:30	16/10/21 10:45	1326	
1328		29A2RM03	# A DISCHARGE STAR FEEDER - Services Electric Motor And Panel Components	3 hrs	16/10/21 10:45	16/10/21 14:15	1313	1341
1329			Make Out Permit	0.25 hrs	16/10/21 10:45	16/10/21 11:00		1330
1330			Accept Permit	0.25 hrs	16/10/21 11:00	16/10/21 11:15	1329	1331
1331			Services Electric Motor And Panel Components	0.25 hrs	16/10/21 11:15	16/10/21 11:30	1330	1332
1332			Carry Out Electrical Isolation	0.25 hrs	16/10/21 11:30	16/10/21 11:45	1331	1333
1333			Check Loose Connections In The Panel	0.25 hrs	16/10/21 11:45	16/10/21 12:00	1332	1334
1334			Check Contactor Contacts	0.25 hrs	16/10/21 12:30	16/10/21 12:45	1333	1335
1335			Service Stop/Start	0.25 hrs	16/10/21 12:45	16/10/21 13:00	1334	1336
1336			Check Fan Condition	0.25 hrs	16/10/21 13:00	16/10/21 13:15	1335	1337
1337			Check Cable Terminal Leads For Over Heating	0.25 hrs	16/10/21 13:15	16/10/21 13:30	1336	1338
1338			Seal For Moisture And Dust	0.25 hrs	16/10/21 13:30	16/10/21 13:45	1337	1339
1339			Confirm Correct Protection Settings	0.25 hrs	16/10/21 13:45	16/10/21 14:00	1338	1340
1340			Clear Permit	0.25 hrs	16/10/21 14:00	16/10/21 14:15	1339	
1341		29A2GL01	A' Double shaft mixer - Motor replacement	3.75 hrs	16/10/21 14:15	16/10/21 18:00	1328	
1342			Make out permit	0.25 hrs	16/10/21 14:15	16/10/21 14:30		1343
1343			Accept permit	0.25 hrs	16/10/21 14:30	16/10/21 14:45	1342	1344

ID	Task Mode	Asset Code	Task Name	Duration	Start	Finish	Predecessor	Successor
1344			Carry out Electrical isolation	0.25 hrs	16/10/21 14:45	16/10/21 15:00	1343	1345
1345			Check loose connections in the panel	0.5 hrs	16/10/21 15:00	16/10/21 15:30	1344	1346
1346			Clean panel interior	0.25 hrs	16/10/21 15:30	16/10/21 15:45	1345	1347
1347			Check Contactor contacts	0.25 hrs	16/10/21 15:45	16/10/21 16:00	1346	1348
1348			Service U/S circuit	0.25 hrs	16/10/21 16:00	16/10/21 16:15	1347	1349
1349			Service Stop/start	0.25 hrs	16/10/21 16:15	16/10/21 16:30	1348	1350
1350			Check fan condition	0.25 hrs	16/10/21 16:30	16/10/21 16:45	1349	1351
1351			Check cable terminal leads for over heating	0.25 hrs	16/10/21 16:45	16/10/21 17:00	1350	1352
1352			Tighten Motor connections & Gland integrity	0.25 hrs	16/10/21 17:00	16/10/21 17:15	1351	1353
1353			Seal for Moisture and dust.	0.25 hrs	16/10/21 17:15	16/10/21 17:30	1352	1354
1354			Confirm correct protection settings	0.25 hrs	16/10/21 17:30	16/10/21 17:45	1353	1355
1355			Clear permit	0.25 hrs	16/10/21 17:45	16/10/21 18:00	1354	
1356		29LC101	# A CONDANSATE COLLECTING TANK - overhaul valve	9 hrs	11/10/21 07:00	11/10/21 16:30	1	
1357			Make out permit	0.25 hrs	11/10/21 07:00	11/10/21 07:15		1358
1358			Accept permit	0.25 hrs	11/10/21 07:15	11/10/21 07:30	1357	1359
1359			Disconnect instruments	1 hr	11/10/21 07:30	11/10/21 08:30	1358	1360
1360			Remove valve	2 hrs	11/10/21 08:30	11/10/21 10:30	1359	1361
1361			Overhaul valve	3 hrs	11/10/21 10:30	11/10/21 14:00	1360	1362
1362			Install valve	2 hrs	11/10/21 14:00	11/10/21 16:00	1361	1363
1363			Stroke check valve	0.25 hrs	11/10/21 16:00	11/10/21 16:15	1362	1364
1364			Clear permit	0.25 hrs	11/10/21 16:15	11/10/21 16:30	1363	
1365			# A CO2 COMPRESSOR DISCHARGE SHUT-OFF VALVE - Overhaul	13.25 hrs	11/10/21 07:00	12/10/21 09:45		1374
1366			Make out permit	0.25 hrs	11/10/21 07:00	11/10/21 07:15		1367
1367			Accept permit	0.25 hrs	11/10/21 07:15	11/10/21 07:30	1366	1368
1368			Disconnect instruments	1 hr	11/10/21 07:30	11/10/21 08:30	1367	1369
1369			Remove valve	3 hrs	11/10/21 08:30	11/10/21 11:30	1368	1370
1370			Overhaul valve	4 hrs	11/10/21 11:30	11/10/21 16:00	1369	1371
1371			Install valve	4 hrs	11/10/21 16:00	12/10/21 09:00	1370	1372
1372			Stroke check valve	0.5 hrs	12/10/21 09:00	12/10/21 09:30	1371	1373
1373			Clear permit	0.25 hrs	12/10/21 09:30	12/10/21 09:45	1372	
1374			# A CO2 COMPRESSOR PRESSURE GAUGES - calibrate & mark	10.75 hrs	12/10/21 09:45	13/10/21 10:00	1365	1381
1375			Make out permit	0.25 hrs	12/10/21 09:45	12/10/21 10:00		1376
1376			Accept permit	0.25 hrs	12/10/21 10:00	12/10/21 10:15	1375	1377
1377			Remove gauges	2 hrs	12/10/21 10:15	12/10/21 12:45	1376	1378
1378			Calibrate & mark gauges	5 hrs	12/10/21 12:45	12/10/21 17:45	1377	1379
1379			Replace gauges	3 hrs	12/10/21 17:45	13/10/21 09:45	1378	1380
1380			Clear permit	0.25 hrs	13/10/21 09:45	13/10/21 10:00	1379	
1381		29PC103	# A CALCINER PRESSURE CONTROL VALVE - overhaul valve	13.25 hrs	13/10/21 10:00	14/10/21 13:15	1374	1390
1382			Make out permit	0.25 hrs	13/10/21 10:00	13/10/21 10:15		1383
1383			Accept permit	0.25 hrs	13/10/21 10:15	13/10/21 10:30	1382	1384
1384			Disconnect instruments	1 hr	13/10/21 10:30	13/10/21 11:30	1383	1385
1385			Remove valve	3 hrs	13/10/21 11:30	13/10/21 15:00	1384	1386
1386			Overhaul valve	5 hrs	13/10/21 15:00	14/10/21 09:00	1385	1387
1387			Install valve	3 hrs	14/10/21 09:00	14/10/21 12:00	1386	1388
1388			Stroke check valve	0.5 hrs	14/10/21 12:30	14/10/21 13:00	1387	1389
1389			Clear permit	0.25 hrs	14/10/21 13:00	14/10/21 13:15	1388	
1390		29LC106	# A SCRUBBER LEVEL CONTROL VALVE - overhaul valve	12.25 hrs	14/10/21 13:15	15/10/21 15:00	1381	1399
1391			Make out permit	0.25 hrs	14/10/21 13:15	14/10/21 13:30		1392

ID	Task Mode	Asset Code	Task Name	Duration	Start	Finish	Predecessor	Successor
1392			Accept permit	0.25 hrs	14/10/21 13:30	14/10/21 13:45	1391	1393
1393			Disconnect instruments	1 hr	14/10/21 13:45	14/10/21 14:45	1392	1394
1394			Remove valve	3 hrs	14/10/21 14:45	14/10/21 17:45	1393	1395
1395			Overhaul valve	4 hrs	14/10/21 17:45	15/10/21 10:45	1394	1396
1396			Install valve	3 hrs	15/10/21 10:45	15/10/21 14:15	1395	1397
1397			Stroke check valve	0.5 hrs	15/10/21 14:15	15/10/21 14:45	1396	1398
1398			Clear permit	0.25 hrs	15/10/21 14:45	15/10/21 15:00	1397	
1399		29LC111A	# A CO2 COMPRESSOR CONDENSATE RECEIVER LEVEL - overhaul valve	10.25 hrs	15/10/21 15:00	16/10/21 14:45	1390	1408
1400			Make out permit	0.25 hrs	15/10/21 15:00	15/10/21 15:15		1401
1401			Accept permit	0.25 hrs	15/10/21 15:15	15/10/21 15:30	1400	1402
1402			Disconnect instruments	1 hr	15/10/21 15:30	15/10/21 16:30	1401	1403
1403			Remove valve	2 hrs	15/10/21 16:30	16/10/21 07:30	1402	1404
1404			Overhaul valve	4 hrs	16/10/21 07:30	16/10/21 11:30	1403	1405
1405			Install valve	2 hrs	16/10/21 11:30	16/10/21 14:00	1404	1406
1406			Stroke check valve	0.5 hrs	16/10/21 14:00	16/10/21 14:30	1405	1407
1407			Clear permit	0.25 hrs	16/10/21 14:30	16/10/21 14:45	1406	
1408		29LC111B	# CO2 COMPRESSOR CONDENSATE RECEIVER LEVEL - overhaul valve	10.25 hrs	16/10/21 14:45	17/10/21 14:30	1399	1417
1409			Make out permit	0.25 hrs	16/10/21 14:45	16/10/21 15:00		1410
1410			Accept permit	0.25 hrs	16/10/21 15:00	16/10/21 15:15	1409	1411
1411			Disconnect instruments	1 hr	16/10/21 15:15	16/10/21 16:15	1410	1412
1412			Remove valve	2 hrs	16/10/21 16:15	17/10/21 07:15	1411	1413
1413			Overhaul valve	4 hrs	17/10/21 07:15	17/10/21 11:15	1412	1414
1414			Install valve	2 hrs	17/10/21 11:15	17/10/21 13:45	1413	1415
1415			Stroke check valve	0.5 hrs	17/10/21 13:45	17/10/21 14:15	1414	1416
1416			Clear permit	0.25 hrs	17/10/21 14:15	17/10/21 14:30	1415	
1417		29LC110	# CO2 COMPRESSOR SEAL WATER RECEIVER LEVEL - overhaul valve	10.25 hrs	17/10/21 14:30	18/10/21 14:15	1408	1426
1418			Make out permit	0.25 hrs	17/10/21 14:30	17/10/21 14:45		1419
1419			Accept permit	0.25 hrs	17/10/21 14:45	17/10/21 15:00	1418	1420
1420			Disconnect instruments	1 hr	17/10/21 15:00	17/10/21 16:00	1419	1421
1421			Remove valve	2 hrs	17/10/21 16:00	17/10/21 18:00	1420	1422
1422			Overhaul valve	4 hrs	18/10/21 07:00	18/10/21 11:00	1421	1423
1423			Install valve	2 hrs	18/10/21 11:00	18/10/21 13:30	1422	1424
1424			Stroke check valve	0.5 hrs	18/10/21 13:30	18/10/21 14:00	1423	1425
1425			Clear permit	0.25 hrs	18/10/21 14:00	18/10/21 14:15	1424	
1426		29ZI 101	# A CO2 COMPRESSOR - Inspect thrust bearing position monitoring system	2.75 hrs	18/10/21 14:15	18/10/21 17:00	1417	1431
1427			Make out permit	0.25 hrs	18/10/21 14:15	18/10/21 14:30		1428
1428			Accept permit	0.25 hrs	18/10/21 14:30	18/10/21 14:45	1427	1429
1429			Inspect the system	2 hrs	18/10/21 14:45	18/10/21 16:45	1428	1430
1430			Clear permit	0.25 hrs	18/10/21 16:45	18/10/21 17:00	1429	
1431		29ZI 102	# A CO2 COMPRESSOR - Inspect thrust bearing position monitoring system	2.75 hrs	18/10/21 17:00	19/10/21 08:45	1426	1436
1432			Make out permit	0.25 hrs	18/10/21 17:00	18/10/21 17:15		1433
1433			Accept permit	0.25 hrs	18/10/21 17:15	18/10/21 17:30	1432	1434
1434			Inspect the system	2 hrs	18/10/21 17:30	19/10/21 08:30	1433	1435
1435			Clear permit	0.25 hrs	19/10/21 08:30	19/10/21 08:45	1434	
1436			# A CO2 COMPRESSOR - Calibrate instruments	12.75 hrs	19/10/21 08:45	20/10/21 11:00	1431	
1437			Make out permit	0.25 hrs	19/10/21 08:45	19/10/21 09:00		1438
1438			Accept permit	0.25 hrs	19/10/21 09:00	19/10/21 09:15	1437	1439
1439			Disconnect instruments	1 hr	19/10/21 09:15	19/10/21 10:15	1438	1440

ID	Task Mode	Asset Code	Task Name	Duration	Start	Finish	Predecessors	Successor
1440			Calibrate instruments	8 hrs	19/10/21 10:15	20/10/21 07:45	1439	1441
1441			Reconnect instruments	3 hrs	20/10/21 07:45	20/10/21 10:45	1440	1442
1442			Clear permit	0.25 hrs	20/10/21 10:45	20/10/21 11:00	1441	
1443		Area 29B	Calcliner Gas Treatment - A Line	98.25 hrs	12/10/21 21:45	22/10/21 10:45		
1444		Area 29B	Maintenance	98.25 hrs	12/10/21 21:45	22/10/21 10:45		
1445		29B2EA01	# A SCRUBBER CONDENSATE COOLER - Clean Cooler & inspect	18.75 hrs	12/10/21 21:45	14/10/21 15:45	763	1463
1446			Clean the area (prior)	0.25 hrs	12/10/21 21:45	12/10/21 22:00		1447
1447			Make out permits	0.25 hrs	12/10/21 22:00	12/10/21 22:15	1446	1448
1448			Accept permit to work	0.25 hrs	13/10/21 07:00	13/10/21 07:15	1447	1449
1449			Carry out risk assesment	0.25 hrs	13/10/21 07:15	13/10/21 07:30	1448	1450
1450			Remove the Denso tape	0.25 hrs	13/10/21 07:30	13/10/21 07:45	1449	1451
1451			Loosen and remove tie rods following the correct sequence to avoid twisting and bending of the plates	2 hrs	13/10/21 07:45	13/10/21 09:45	1450	1452
1452			Pull back the plate follower using a using a lever hoist to allow easy removal of the plates	0.5 hrs	13/10/21 09:45	13/10/21 10:15	1451	1453
1453			Spread the plates along the cross beam to for easy washing	0.5 hrs	13/10/21 10:15	13/10/21 10:45	1452	1454
1454			Wash all the plates while hanging on the cross beam	0.5 hrs	13/10/21 10:45	13/10/21 11:15	1453	1455
1455			Remove the plates and stack them on the pallets according to their pattern	2 hrs	13/10/21 11:15	13/10/21 13:45	1454	1456
1456			Wash and inspect thoroughly each plate and gasket for cracks,wear,holes and deformation,then repack the plates back o	8 hrs	13/10/21 13:45	14/10/21 10:45	1455	1457
1457			Reposition the follower and tie rods	0.25 hrs	14/10/21 10:45	14/10/21 11:00	1456	1458
1458			Tighten the tie rods following a correct sequence so that the back plate moves and compresses the plates squarely	0.5 hrs	14/10/21 11:00	14/10/21 11:30	1457	1459
1459			Pressure test	2 hrs	14/10/21 11:30	14/10/21 14:00	1458	1460
1460			Apply anti seize to the tie rods and wrap with denso after completion	1 hr	14/10/21 14:00	14/10/21 15:00	1459	1461
1461			Carry out housekeeping	0.5 hrs	14/10/21 15:00	14/10/21 15:30	1460	1462
1462			Clear permit	0.25 hrs	14/10/21 15:30	14/10/21 15:45	1461	
1463		29B2GB01	# A CALCINER GAS COMPRESSOR - Clean Air Vents	10.75 hrs	14/10/21 15:45	15/10/21 16:00	1445	
1464			Make Out Permit	0.25 hrs	14/10/21 15:45	14/10/21 16:00		1465
1465			Accept Permit	0.25 hrs	14/10/21 16:00	14/10/21 16:15	1464	1466
1466			Loosen & Remove End Covers	1 hr	14/10/21 16:15	14/10/21 17:15	1465	1467
1467			Clean Air Vents	6 hrs	14/10/21 17:15	15/10/21 12:45	1466	1468
1468			Open & Inspect Bearing	2 hrs	15/10/21 12:45	15/10/21 14:45	1467	1469
1469			Replace & Box Up End Cover	1 hr	15/10/21 14:45	15/10/21 15:45	1468	1470
1470			Clear Permit	0.25 hrs	15/10/21 15:45	15/10/21 16:00	1469	
1471		29B2GA01A	#A SCRUBBER PUMPS - Repair Bases & Modify Discharge Pipes	73.25 hrs	12/10/21 21:45	19/10/21 17:45	763	
1472			Fabricate pipes prior	0 hrs	12/10/21 21:45	12/10/21 21:45		1473
1473			Make out permit	0.25 hrs	13/10/21 07:00	13/10/21 07:15	1472	1474
1474			Accept permit	0.25 hrs	13/10/21 07:15	13/10/21 07:30	1473	1475
1475			Risk asesment	0.25 hrs	13/10/21 07:30	13/10/21 07:45	1474	1476
1476			Reposition base	24 hrs	13/10/21 07:45	15/10/21 10:45	1475	1477
1477			Modify pipes	24 hrs	15/10/21 10:45	17/10/21 14:15	1476	1478
1478			Install new pipes & weld pipes	24 hrs	17/10/21 14:15	19/10/21 17:15	1477	1479
1479			house keeping	0.25 hrs	19/10/21 17:15	19/10/21 17:30	1478	1480
1480			Clear permit	0.25 hrs	19/10/21 17:30	19/10/21 17:45	1479	
1481		29B2GA01B	#A SCRUBBER PUMPS - Repair Bases & Modify Discharge Pipes	73.25 hrs	12/10/21 21:45	19/10/21 17:45	763	1491
1482			Fabricate pipes prior	0 hrs	12/10/21 21:45	12/10/21 21:45		1483
1483			Make out permit	0.25 hrs	13/10/21 07:00	13/10/21 07:15	1482	1484
1484			Accept permit	0.25 hrs	13/10/21 07:15	13/10/21 07:30	1483	1485
1485			Risk asesment	0.25 hrs	13/10/21 07:30	13/10/21 07:45	1484	1486
1486			Reposition base	24 hrs	13/10/21 07:45	15/10/21 10:45	1485	1487
1487			Modify pipes	24 hrs	15/10/21 10:45	17/10/21 14:15	1486	1488

ID	Task Mode	Asset Code	Task Name	Duration	Start	Finish	Predecessors	Successor
1488			Install new pipes & weld pipes	24 hrs	17/10/21 14:15	19/10/21 17:15	1487	1489
1489			house keeping	0.25 hrs	19/10/21 17:15	19/10/21 17:30	1488	1490
1490			Clear permit	0.25 hrs	19/10/21 17:30	19/10/21 17:45	1489	
1491		29B2GA01	# A1 SCRUBBER CIRCULATION PUMP - Install New Bellows And Reposition Flash Points	4.5 hrs	19/10/21 17:45	20/10/21 11:15	1481	1501
1492			Make out permit	0.25 hrs	19/10/21 17:45	19/10/21 18:00		1493
1493			Accept permit	0.25 hrs	20/10/21 07:00	20/10/21 07:15	1492	1494
1494			Carry out risk assesment	0.25 hrs	20/10/21 07:15	20/10/21 07:30	1493	1495
1495			Loosen and remove one bellow to be replaced with a spool piece	1 hr	20/10/21 07:30	20/10/21 08:30	1494	1496
1496			Install a spool piece	1 hr	20/10/21 08:30	20/10/21 09:30	1495	1497
1497			Install column to support the discharge pipe	1 hr	20/10/21 09:30	20/10/21 10:30	1496	1498
1498			Carry out housekeeping	0.25 hrs	20/10/21 10:30	20/10/21 10:45	1497	1499
1499			Sign off the permit	0.25 hrs	20/10/21 10:45	20/10/21 11:00	1498	1500
1500			Clear permit	0.25 hrs	20/10/21 11:00	20/10/21 11:15	1499	
1501		29B2GA01A	# A1 SCRUBBER CIRCULATION PUMP - Carry out inspection	10.25 hrs	20/10/21 11:15	21/10/21 11:00	1491	1515
1502			Make Out Permit	0.25 hrs	20/10/21 11:15	20/10/21 11:30		1503
1503			Accept Permit	0.25 hrs	20/10/21 11:30	20/10/21 11:45	1502	1504
1504			Remove Guard	0.5 hrs	20/10/21 11:45	20/10/21 12:45	1503	1505
1505			Inspect Coupling	1 hr	20/10/21 12:45	20/10/21 13:45	1504	1506
1506			Check all mounting bolts	0.5 hrs	20/10/21 13:45	20/10/21 14:15	1505	1507
1507			Check condition of the base	1 hr	20/10/21 14:15	20/10/21 15:15	1506	1508
1508			Check all flanges both discharge & suction	0.5 hrs	20/10/21 15:15	20/10/21 15:45	1507	1509
1509			Inspect all belows	1 hr	20/10/21 15:45	20/10/21 16:45	1508	1510
1510			Drain & Refill Oil	1.5 hrs	20/10/21 16:45	21/10/21 07:15	1509	1511
1511			Repack glands	1 hr	21/10/21 07:15	21/10/21 08:15	1510	1512
1512			Carry Out or cross check Laser Alignment	2 hrs	21/10/21 08:15	21/10/21 10:15	1511	1513
1513			Replace Guard	0.5 hrs	21/10/21 10:15	21/10/21 10:45	1512	1514
1514			Clear Permit	0.25 hrs	21/10/21 10:45	21/10/21 11:00	1513	
1515		29B2GA01B	# A2 SCRUBBER CIRCULATION PUMP - Carry out inspection	10.25 hrs	21/10/21 11:00	22/10/21 10:45	1501	
1516			Make Out Permit	0.25 hrs	21/10/21 11:00	21/10/21 11:15		1517
1517			Accept Permit	0.25 hrs	21/10/21 11:15	21/10/21 11:30	1516	1518
1518			Remove Guard	0.5 hrs	21/10/21 11:30	21/10/21 12:00	1517	1519
1519			Inspect Coupling	1 hr	21/10/21 12:30	21/10/21 13:30	1518	1520
1520			Check all mounting bolts	0.5 hrs	21/10/21 13:30	21/10/21 14:00	1519	1521
1521			Check condition of the base	1 hr	21/10/21 14:00	21/10/21 15:00	1520	1522
1522			Check all flanges both discharge & suction	0.5 hrs	21/10/21 15:00	21/10/21 15:30	1521	1523
1523			Inspect all belows	1 hr	21/10/21 15:30	21/10/21 16:30	1522	1524
1524			Drain & Refill Oil	1.5 hrs	21/10/21 16:30	21/10/21 18:00	1523	1525
1525			Repack glands	1 hr	22/10/21 07:00	22/10/21 08:00	1524	1526
1526			Carry Out or cross check Laser Alignment	2 hrs	22/10/21 08:00	22/10/21 10:00	1525	1527
1527			Replace Guard	0.5 hrs	22/10/21 10:00	22/10/21 10:30	1526	1528
1528			Clear Permit	0.25 hrs	22/10/21 10:30	22/10/21 10:45	1527	
1529		Area 29C	Compacting - A Line	145.25 hrs	11/10/21 07:00	24/10/21 16:15		
1530			Operations	67.25 hrs	11/10/21 07:00	17/10/21 11:15		
1531		29C2GP01	#A Compaction Cleaning	10.5 hrs	11/10/21 07:00	12/10/21 04:30	1	2603,1545
1532			Organize Hoses,	0 hrs	11/10/21 07:00	11/10/21 07:00		1533
1533			Run System Empty(Hoppers & Bag House)	1.5 hrs	11/10/21 07:00	11/10/21 08:30	1532	1534
1534			Issue Permit (Electrician To Remove Drive Units Under Speed Sensors And Cover Motors,Instruments To Isolate And Proc	0.5 hrs	11/10/21 08:30	11/10/21 09:00	1533	1535
1535			Remove all screen meshes	2 hrs	11/10/21 09:00	11/10/21 11:00	1534	1536

ID	Task Mode	Asset Code	Task Name	Duration	Start	Finish	Predecessors	Successor
1536			Isolate and protect nuclear sources	1 hr	11/10/21 11:00	11/10/21 12:00	1535	1537
1537			Cover All Electrical Motors With Plastic & remove under speed sensors	0.5 hrs	11/10/21 12:00	11/10/21 12:30	1536	1538
1538			Clean Compaction Plant	0.75 hrs	11/10/21 12:30	11/10/21 13:15	1537	1539
1539			Allow Natural Drying	1 hr	11/10/21 13:15	11/10/21 14:15	1538	1540
1540			Put Back Under Speed Sensors	1 hr	11/10/21 14:15	11/10/21 15:15	1539	1541
1541			Put back screen meshes	13 hrs	11/10/21 15:15	12/10/21 04:15	1540	1542
1542			Cancel Permit	0.25 hrs	12/10/21 04:15	12/10/21 04:30	1541	
1543		29C2GP01	A Compaction Dust Extraction System - Clear Dust Extraction System	52.5 hrs	11/10/21 07:00	15/10/21 21:15	1	
1544			Break pipes	20 hrs	11/10/21 07:00	12/10/21 03:00		1545
1545			Clear build up in pipes	20 hrs	12/10/21 03:00	12/10/21 23:00	1544	1546
1546			Identify leaks and seal them	20 hrs	12/10/21 23:00	13/10/21 19:00	1545	1547
1547			Re install pipes	50 hrs	13/10/21 19:00	15/10/21 21:00	1546	1548
1548			House keeping	0.25 hrs	15/10/21 21:00	15/10/21 21:15	1547	
1549		29C2GP01	Compaction Screens - Remove All Meshes For Cleaning	10.5 hrs	11/10/21 07:00	11/10/21 19:45	1531SS	
1550			Make out permit	0.25 hrs	11/10/21 07:00	11/10/21 07:15		1551
1551			Accept permit	0.25 hrs	11/10/21 07:15	11/10/21 07:30	1550	1552
1552			Remove all meshes for cleaning on all Compaction screens	12 hrs	11/10/21 07:30	11/10/21 19:30	1551	1553
1553			Clear permit	0.25 hrs	11/10/21 19:30	11/10/21 19:45	1552	
1554		29C2GP01	# A Dust Filter (Compactor Baghouse) – Re-bagging Baghouse	56.75 hrs	12/10/21 04:30	17/10/21 11:15	1531	
1555			Erect scaffolding prior for lagging	0 hrs	12/10/21 04:30	12/10/21 04:30		1556
1556			Make out permit	0.25 hrs	12/10/21 04:30	12/10/21 04:45	1555	1557
1557			Accept permit	0.25 hrs	12/10/21 07:00	12/10/21 07:15	1556	1558
1558			Replace all air hoses and clamps	8 hrs	12/10/21 07:15	12/10/21 15:45	1557	1559
1559			Baghouse rebagging	48 hrs	12/10/21 15:45	14/10/21 15:45	1558	1560
1560			Replace lagging	27 hrs	14/10/21 15:45	17/10/21 10:45	1559	1561
1561			House keeping	0.25 hrs	17/10/21 10:45	17/10/21 11:00	1560	1562
1562			Clear permit	0.25 hrs	17/10/21 11:00	17/10/21 11:15	1561	
1563		Area 29C	Maintenance	145.25 hrs	11/10/21 07:00	24/10/21 16:15		
1564		29C2GP01	# A COMPACTOR - Compactor Inspection	11.25 hrs	12/10/21 04:30	13/10/21 07:45	1531	1577
1565			Make Out Permit	0.25 hrs	12/10/21 04:30	12/10/21 04:45		1566
1566			Accept Permit	0.25 hrs	12/10/21 07:00	12/10/21 07:15	1565	1567
1567			Inspect compactor shims for wear and damage	2 hrs	12/10/21 07:15	12/10/21 09:15	1566	1568
1568			Check for oil leaks on Hydraulic Cylinders and fittings, Top up use Engen	1 hr	12/10/21 09:15	12/10/21 10:15	1567	1569
1569			Inspect hydraulic hoses for leaks and damage	1.5 hrs	12/10/21 10:15	12/10/21 11:45	1568	1570
1570			Compactor Cardan Shafts	2 hrs	12/10/21 11:45	12/10/21 14:15	1569	1571
1571			Clean and inspect carden shafts for cracks and loose flange bolts	1 hr	12/10/21 14:15	12/10/21 15:15	1570	1572
1572			Inspect bolts for wear, damage, looseness and missing ones - retorque if	1 hr	12/10/21 15:15	12/10/21 16:15	1571	1573
1573			Grease Cardan Shaft Universals both joints until grease leaks from all 8	1 hr	12/10/21 16:15	12/10/21 17:15	1572	1574
1574			Grease Cardan Shaft splines 5 pumps of grease use EP22 grease	1 hr	12/10/21 17:15	13/10/21 07:15	1573	1575
1575			House keeping	0.25 hrs	13/10/21 07:15	13/10/21 07:30	1574	1576
1576			Clear permit	0.25 hrs	13/10/21 07:30	13/10/21 07:45	1575	
1577		29C2GP01	#A COMPACTOR - Inspect Gearbox	34.05 hrs	13/10/21 07:45	16/10/21 10:18	1564	1611
1578			Make out permit	0.25 hrs	13/10/21 07:45	13/10/21 08:00		1579
1579			Accept permit	0.25 hrs	13/10/21 08:00	13/10/21 08:15	1578	1580
1580			Carry out risk assesment	0.25 hrs	13/10/21 08:15	13/10/21 08:30	1579	1581
1581			Remove guards for the drive chain	0.5 hrs	13/10/21 08:30	13/10/21 09:00	1580	1582
1582			Organise an empty drum and a manual pump	0 hrs	13/10/21 09:00	13/10/21 09:00	1581	1583
1583			Remove guards (cardan shaft and v belts guard)	2 hrs	13/10/21 09:00	13/10/21 11:00	1582	1584

ID	Task Mode	Asset Code	Task Name	Duration	Start	Finish	Predecessors	Successor
1584			Disconnect the motor and mark the terminals	1 hr	13/10/21 11:00	13/10/21 12:00	1583	1585
1585			Slack the v belts and remove them	0.5 hrs	13/10/21 12:30	13/10/21 13:00	1584	1586
1586			Slack the chain	0.5 hrs	13/10/21 13:00	13/10/21 13:30	1585	1587
1587			Loosen and remove the back cover for the coil	0.5 hrs	13/10/21 13:30	13/10/21 14:00	1586	1588
1588			Support the motor with an overhead crane	0.3 hrs	13/10/21 14:00	13/10/21 14:18	1587	1589
1589			Loosen the motor mounting bolts and rig out the motor	1 hr	13/10/21 14:18	13/10/21 15:18	1588	1590
1590			Remove the input shaft pulley and the back plate for the guard	1 hr	13/10/21 15:18	13/10/21 16:18	1589	1591
1591			Support the top cardan shaft with an overhead crane	0.25 hrs	13/10/21 16:18	13/10/21 16:33	1590	1592
1592			Remove all bolts and rig out the top cardan shaft	2 hrs	13/10/21 16:33	14/10/21 07:33	1591	1593
1593			De isolate,switch on and repeat step No 6,7,8,9,10,11,12&13 until completion of the task	3.5 hrs	14/10/21 07:33	14/10/21 11:03	1592	1594
1594			Drain oil to lower level below the top cover to be removed	0.5 hrs	14/10/21 11:03	14/10/21 11:33	1593	1595
1595			Loosen and remove the gearbox top cover mounting bolts with a hytorc machine	3 hrs	14/10/21 11:33	14/10/21 15:03	1594	1596
1596			Lift the top cover to expose the gears and move it to the side	1 hr	14/10/21 15:03	14/10/21 16:03	1595	1597
1597			Inspect gears and repair or replace if necessary	1 hr	14/10/21 16:03	14/10/21 17:03	1596	1598
1598			Clean the mating surfaces and apply sealing compound,and replace all leaking seal	0.5 hrs	14/10/21 17:03	14/10/21 17:33	1597	1599
1599			Lower the top cover and secure with bolts,then tighten to specifications	3 hrs	14/10/21 17:33	15/10/21 09:33	1598	1600
1600			Install the top cardan shaft and fasten	2 hrs	15/10/21 09:33	15/10/21 11:33	1599	1601
1601			Replace the back cover plate for the v belts guard and install input shaft pulley	1 hr	15/10/21 11:33	15/10/21 13:03	1600	1602
1602			Replace the motor and align pulleys	1.5 hrs	15/10/21 13:03	15/10/21 14:33	1601	1603
1603			Reconnect the motor	1.5 hrs	15/10/21 14:33	15/10/21 16:03	1602	1604
1604			Install v belts SPC 22NX4000 and tension to the correct force and deflection as per the standard chart	1 hr	15/10/21 16:03	15/10/21 17:03	1603	1605
1605			Replace all guards	2 hrs	15/10/21 17:03	16/10/21 08:03	1604	1606
1606			Open the inspection and refill to the correct level	1 hr	16/10/21 08:03	16/10/21 09:03	1605	1607
1607			Close the inspection cover	0.5 hrs	16/10/21 09:03	16/10/21 09:33	1606	1608
1608			Carry out housekeeping	0.25 hrs	16/10/21 09:33	16/10/21 09:48	1607	1609
1609			Sign off the permit	0.25 hrs	16/10/21 09:48	16/10/21 10:03	1608	1610
1610			Clear the permit	0.25 hrs	16/10/21 10:03	16/10/21 10:18	1609	
1611		29C2GP01	# A COMPACTOR (TRANSFER SCREW) - Carry out inspection	3.5 hrs	16/10/21 10:18	16/10/21 14:18	1577	1620
1612			Accept permit	0.25 hrs	16/10/21 10:18	16/10/21 10:33		1613
1613			Carry out risk assesment	0.25 hrs	16/10/21 10:33	16/10/21 10:48	1612	1614
1614			Remove top covers	0.5 hrs	16/10/21 10:48	16/10/21 11:18	1613	1615
1615			Inspect screw for wear,physical damage and deformation	0.5 hrs	16/10/21 11:18	16/10/21 11:48	1614	1616
1616			Apply sealant and replace top covers	0.5 hrs	16/10/21 11:48	16/10/21 12:48	1615	1617
1617			Inspect flange bearings,lubricate with grease and replace if necessary	1 hr	16/10/21 12:48	16/10/21 13:48	1616	1618
1618			Sign off permit	0.25 hrs	16/10/21 13:48	16/10/21 14:03	1617	1619
1619			Clear permit	0.25 hrs	16/10/21 14:03	16/10/21 14:18	1618	
1620		29C2GP01	# A COMPACTOR - (distribution screw) Carry out inspection	4.5 hrs	16/10/21 14:18	17/10/21 07:48	1611	1639
1621			Make out permit	0.25 hrs	16/10/21 14:18	16/10/21 14:33		1622
1622			Accept permit	0.25 hrs	16/10/21 14:33	16/10/21 14:48	1621	1623
1623			Carry out risk assesment	0.25 hrs	16/10/21 14:48	16/10/21 15:03	1622	1624
1624			Remove top covers(Hood)	0.25 hrs	16/10/21 15:03	16/10/21 15:18	1623	1625
1625			Diconnect motor and mark the terminals	0.25 hrs	16/10/21 15:18	16/10/21 15:33	1624	1626
1626			Remove oversize pipe	0.25 hrs	16/10/21 15:33	16/10/21 15:48	1625	1627
1627			Loosen mounting bolts and rig out the screw	0.25 hrs	16/10/21 15:48	16/10/21 16:03	1626	1628
1628			Wash screw thoroughly and transport to the workshop	0.25 hrs	16/10/21 16:03	16/10/21 16:18	1627	1629
1629			Open the top cover and inspect the screw for wear,physical damage and deformation	0.25 hrs	16/10/21 16:18	16/10/21 16:33	1628	1630
1630			Remove gearbox and change bearings	0.25 hrs	16/10/21 16:33	16/10/21 16:48	1629	1631
1631			Replace gearbox with a new one	0.25 hrs	16/10/21 16:48	16/10/21 17:03	1630	1632

ID	Task Mode	Asset Code	Task Name	Duration	Start	Finish	Predecessors	Successor
1632			Transport to the site	0.25 hrs	16/10/21 17:03	16/10/21 17:18	1631	1633
1633			Rig in position	0.25 hrs	16/10/21 17:18	16/10/21 17:33	1632	1634
1634			Reconnect the motor and check direction	0.25 hrs	16/10/21 17:33	16/10/21 17:48	1633	1635
1635			Replace oversize pipe	0.25 hrs	16/10/21 17:48	17/10/21 07:03	1634	1636
1636			Replace the covers(Hood)	0.25 hrs	17/10/21 07:03	17/10/21 07:18	1635	1637
1637			Sign of the permit	0.25 hrs	17/10/21 07:18	17/10/21 07:33	1636	1638
1638			Clear permit	0.25 hrs	17/10/21 07:33	17/10/21 07:48	1637	
1639		29C2GB01	#A EXHAUST FAN - Carry Out Inspection And Replace V Belts	14.5 hrs	17/10/21 07:48	18/10/21 11:48	1620	1648
1640			Make Out Permit	0.25 hrs	17/10/21 07:48	17/10/21 08:03		1641
1641			Accept Permit	0.25 hrs	17/10/21 08:03	17/10/21 08:18	1640	1642
1642			Clean The Impeller	0.25 hrs	17/10/21 08:18	17/10/21 08:33	1641	1643
1643			Inspect Bearing And Grease	4 hrs	17/10/21 08:33	17/10/21 13:03	1642	1644
1644			Inspect V-Belt And Pulley, Change If Necessary	3.5 hrs	17/10/21 13:03	17/10/21 16:33	1643	1645
1645			Carry Out Laser Alignment	3.5 hrs	17/10/21 16:33	18/10/21 09:03	1644	1646
1646			Box Up	2.5 hrs	18/10/21 09:03	18/10/21 11:33	1645	1647
1647			Clear Permit	0.25 hrs	18/10/21 11:33	18/10/21 11:48	1646	
1648		29C2GK01	# A FEED HOPPER WITH STIRRERS - Carry out inspection	13.7 hrs	18/10/21 11:48	19/10/21 15:30	1639	
1649			Make Out Permit	0.25 hrs	18/10/21 11:48	18/10/21 12:03		1650
1650			Accept Permit	0.25 hrs	18/10/21 12:30	18/10/21 12:45	1649	1651
1651			Carry Out Risk Assesment	0.25 hrs	18/10/21 12:45	18/10/21 13:00	1650	1652
1652			Open all covers	0.5 hrs	18/10/21 13:00	18/10/21 13:30	1651	1653
1653			Loosen mounting bolts for geared unit	2 hrs	18/10/21 13:30	18/10/21 15:30	1652	1654
1654			Uncouple stirrer from gear unit	1.5 hrs	18/10/21 15:30	18/10/21 17:00	1653	1655
1655			Support stirrer with chain block	0.5 hrs	18/10/21 17:00	18/10/21 17:30	1654	1656
1656			Rig out gear unit	0.5 hrs	18/10/21 17:30	18/10/21 18:00	1655	1657
1657			Remove the dearator plate	1 hr	19/10/21 07:00	19/10/21 08:00	1656	1658
1658			Rig out stirrer	1 hr	19/10/21 08:00	19/10/21 09:00	1657	1659
1659			Rig in new stirrer	1 hr	19/10/21 09:00	19/10/21 10:00	1658	1660
1660			Install dearator plate	2 hrs	19/10/21 10:00	19/10/21 12:00	1659	1661
1661			Rig in gear unit	1 hr	19/10/21 12:30	19/10/21 13:30	1660	1662
1662			Couple gear unit and stirrer	1.5 hrs	19/10/21 13:30	19/10/21 15:00	1661	1663
1663			House keeping	0.25 hrs	19/10/21 15:00	19/10/21 15:15	1662	1664
1664			Clear permit	0.25 hrs	19/10/21 15:15	19/10/21 15:30	1663	
1665		29C2RL02	# A SCREW FEEDER - Ovehaul Screw Feeder	73 hrs	12/10/21 21:45	19/10/21 17:30	763	
1666			Make Out Permit	0.25 hrs	12/10/21 21:45	12/10/21 22:00		1667
1667			Accept Permit	0.25 hrs	13/10/21 07:00	13/10/21 07:15	1666	1668
1668			Carry Out Risk Assesment	0.25 hrs	13/10/21 07:15	13/10/21 07:30	1667	1669
1669			Remove Guards For The Drive Chain	0.5 hrs	13/10/21 07:30	13/10/21 08:00	1668	1670
1670			Remove Guards For The V Belts	0.5 hrs	13/10/21 08:00	13/10/21 08:30	1669	1671
1671			Slack And Remove The V Belts	1 hr	13/10/21 08:30	13/10/21 09:30	1670	1672
1672			Remove The Screw Feeder Guards And Uncouple Screws From The Gearbox	3 hrs	13/10/21 09:30	13/10/21 13:00	1671	1673
1673			Loosen And Remove The Gearbox Mouting Bolts,Then Rig Out The Screw Feeder Gearbox	4 hrs	13/10/21 13:00	13/10/21 17:00	1672	1674
1674			Loosen And Remove All Mounting Bolts For The Screw Feeder	0.5 hrs	13/10/21 17:00	13/10/21 17:30	1673	1675
1675			Lift And Support The Feed Hopper To Create Clearance	1 hr	13/10/21 17:30	14/10/21 07:30	1674	1676
1676			Rig Out The Screw Feeder And Transport To The Workshop After Washing	3 hrs	14/10/21 07:30	14/10/21 10:30	1675	1677
1677			Remove The Stuffing Box,Clean And Inspect For Wear,Then Replace	0.5 hrs	14/10/21 10:30	14/10/21 11:00	1676	1678
1678			De Isolate,Switch On And Repeat Step No 6,7,8,9,10,11,12&13 Until Completion Of The Task	3.75 hrs	14/10/21 11:00	14/10/21 15:15	1677	1679
1679			Replace The Screws And inspect Housing For Wear	4.5 hrs	14/10/21 15:15	15/10/21 08:45	1678	1680

ID	Task Mode	Asset Code	Task Name	Duration	Start	Finish	Predecessors	Successor
1680			Remove stuffing boxes and machine	16 hrs	15/10/21 08:45	16/10/21 14:45	1679	1681
1681			Repack The Stuffing Boxes And Replace The Gland Follower	1 hr	16/10/21 14:45	16/10/21 15:45	1680	1682
1682			Inspect The Seal Plate Mounting Holes And Recondition	3 hrs	16/10/21 15:45	17/10/21 07:45	1681	1683
1683			Align The Screws Such That The Key Ways Lie On The Same Plane(Timing Of Screws)	0.5 hrs	17/10/21 07:45	17/10/21 08:15	1682	1684
1684			Tag Weld The Flat Bar On The Drive Side To Prevent Movement Of Screws During Transportation And Installation Nb,The Flat Bar Must Be Be Removed Once The Screw Feeder Is In Its Position	0.5 hrs	17/10/21 08:15	17/10/21 08:45	1683	1685
1685			Transport To Site And Rig In Position And Secure	3 hrs	17/10/21 08:45	17/10/21 11:45	1684	1686
1686			Lower The Hopper And Secure	0.5 hrs	17/10/21 11:45	17/10/21 12:45	1685	1687
1687			Drain Oil In The Gearbox	1 hr	17/10/21 12:45	17/10/21 13:45	1686	1688
1688			Replace Oil Seals	1 hr	17/10/21 13:45	17/10/21 14:45	1687	1689
1689			Install The Gearbox And Align To The Screw Feeder Shafts,Then Secure	1 hr	17/10/21 14:45	17/10/21 15:45	1688	1690
1690			Cut Off The Flat Bar And Couple The Gearbox To The Screw	20 hrs	17/10/21 15:45	19/10/21 14:45	1689	1691
1691			Replace The Screw Guards	0.5 hrs	19/10/21 14:45	19/10/21 15:15	1690	1692
1692			Align The Gearbox And Motor Pulleys	0.5 hrs	19/10/21 15:15	19/10/21 15:45	1691	1693
1693			Install V Belts And Tension To The Correct Force And Deflection	0.5 hrs	19/10/21 15:45	19/10/21 16:15	1692	1694
1694			Install V Belts Guard	0.5 hrs	19/10/21 16:15	19/10/21 16:45	1693	1695
1695			Carry Out Housekeeping	0.25 hrs	19/10/21 16:45	19/10/21 17:00	1694	1696
1696			Sign Off The Permit	0.25 hrs	19/10/21 17:00	19/10/21 17:15	1695	1697
1697			Clear Permit	0.25 hrs	19/10/21 17:15	19/10/21 17:30	1696	
1698		29C2GU01	# A LUBRICATION UNIT - Service Lubrication Unit And Repair Oil Leaks	20.25 hrs	12/10/21 21:45	14/10/21 17:15	763	1722
1699			Make out permit	0.25 hrs	12/10/21 21:45	12/10/21 22:00		1700
1700			Accept permit	0.25 hrs	13/10/21 07:00	13/10/21 07:15	1699	1701
1701			Carry out risk assement	0.25 hrs	13/10/21 07:15	13/10/21 07:30	1700	1702
1702			Disconnect motor	1 hr	13/10/21 07:30	13/10/21 08:30	1701	1703
1703			Rig out motor	0.5 hrs	13/10/21 08:30	13/10/21 09:00	1702	1704
1704			Drain oil	1 hr	13/10/21 09:00	13/10/21 10:00	1703	1705
1705			Disconnect discharge pipe	1.5 hrs	13/10/21 10:00	13/10/21 11:30	1704	1706
1706			Open top cover	0.5 hrs	13/10/21 11:30	13/10/21 12:00	1705	1707
1707			Clean tank	3 hrs	13/10/21 12:30	13/10/21 15:30	1706	1708
1708			Change lube oil pump	3 hrs	13/10/21 15:30	14/10/21 07:30	1707	1709
1709			Box up	1 hr	14/10/21 07:30	14/10/21 08:30	1708	1710
1710			Mount motor	0.5 hrs	14/10/21 08:30	14/10/21 09:00	1709	1711
1711			Connect motor	1 hr	14/10/21 09:00	14/10/21 10:00	1710	1712
1712			Fill oil	1.5 hrs	14/10/21 10:00	14/10/21 11:30	1711	1713
1713			Check direction	0.25 hrs	14/10/21 11:30	14/10/21 11:45	1712	1714
1714			Flash system	2 hrs	14/10/21 11:45	14/10/21 14:15	1713	1715
1715			Re clean sytem and top up oil	2 hrs	14/10/21 14:15	14/10/21 16:15	1714	1716
1716			house keeping	0.5 hrs	14/10/21 16:15	14/10/21 16:45	1715	1717
1717			Clear permit	0.25 hrs	14/10/21 16:45	14/10/21 17:00	1716	1718
1718			Clear test run permit	0.25 hrs	14/10/21 17:00	14/10/21 17:15	1717	
1719		29C2GU01	# A LUBRICATION UNITHEAT EXCHANGER - Open And inspect	50.25 hrs	11/10/21 07:00	15/10/21 15:45		2222
1720			Open and inspect	50 hrs	11/10/21 07:00	15/10/21 15:30		1721
1721			Clear permit	0.25 hrs	15/10/21 15:30	15/10/21 15:45	1720	
1722		29C2PF01	# A HYDRAULIC UNIT - Service Lubrication Unit And Repair Oil Leaks	14.25 hrs	14/10/21 17:15	16/10/21 10:00	1698	
1723			Make out permit	0.25 hrs	14/10/21 17:15	14/10/21 17:30		1724
1724			Accept permit	0.25 hrs	14/10/21 17:30	14/10/21 17:45	1723	1725
1725			Carry out risk assement	0.25 hrs	14/10/21 17:45	14/10/21 18:00	1724	1726
1726			Disconnect motors	1 hr	15/10/21 07:00	15/10/21 08:00	1725	1727
1727			Rig out motors	0.5 hrs	15/10/21 08:00	15/10/21 08:30	1726	1728

ID	Task Mode	Asset Code	Task Name	Duration	Start	Finish	Predecessors	Successor
1728			Drain oil	1.5 hrs	15/10/21 08:30	15/10/21 10:00	1727	1729
1729			Disconnect discharge pipe	1 hr	15/10/21 10:00	15/10/21 11:00	1728	1730
1730			Open top cover	0.5 hrs	15/10/21 11:00	15/10/21 11:30	1729	1731
1731			Clean tank	2 hrs	15/10/21 11:30	15/10/21 14:00	1730	1732
1732			Change hydraulic pumps	1.5 hrs	15/10/21 14:00	15/10/21 15:30	1731	1733
1733			Box up	1 hr	15/10/21 15:30	15/10/21 16:30	1732	1734
1734			Mount motors	1 hr	15/10/21 16:30	15/10/21 17:30	1733	1735
1735			Connect motors	1 hr	15/10/21 17:30	16/10/21 07:30	1734	1736
1736			Fill oil	1.5 hrs	16/10/21 07:30	16/10/21 09:00	1735	1737
1737			house keeping	0.25 hrs	16/10/21 09:00	16/10/21 09:15	1736	1738
1738			Check direction	0.25 hrs	16/10/21 09:15	16/10/21 09:30	1737	1739
1739			Clear permit	0.25 hrs	16/10/21 09:30	16/10/21 09:45	1738	1740
1740			Clear test run permit	0.25 hrs	16/10/21 09:45	16/10/21 10:00	1739	
1741		29C2GF07	# A1 FINE ROLLER CRUSHER - Carry out inspection	44.25 hrs	12/10/21 04:30	16/10/21 09:15	1531	1800
1742			Make Out Permit	0.25 hrs	12/10/21 04:30	12/10/21 04:45		1743
1743			Accept Permit	0.25 hrs	12/10/21 07:00	12/10/21 07:15	1742	1744
1744			Carry Out Risk Assesment	0.25 hrs	12/10/21 07:15	12/10/21 07:30	1743	1745
1745			Loosen And Remove The Vibrating Feeder Rubber Bellows	1 hr	12/10/21 07:30	12/10/21 08:30	1744	1746
1746			Support The Vibrating Feeder With A Chain Block	1 hr	12/10/21 08:30	12/10/21 09:30	1745	1747
1747			Loosen And Remove The Mounting Bolts For The Feeder	0.5 hrs	12/10/21 09:30	12/10/21 10:00	1746	1748
1748			Lift A Vibrating Feeder To Create Clearance Between The Feeder And The Chute	0.5 hrs	12/10/21 10:00	12/10/21 10:30	1747	1749
1749			Disconnect Underspeed Sensors And Proximity Switches	0.5 hrs	12/10/21 10:30	12/10/21 11:00	1748	1750
1750			Remove The Mounting Bolts For The Chute And Rig It Out.	1 hr	12/10/21 11:00	12/10/21 12:00	1749	1751
1751			Remove The V Belts Guard	0.25 hrs	12/10/21 12:30	12/10/21 12:45	1750	1752
1752			Slack The Motor And Remove The V Belts	0.25 hrs	12/10/21 12:45	12/10/21 13:00	1751	1753
1753			Support The Motor With A Chain Block And Remove The Motor Mounting Bolts	1 hr	12/10/21 13:00	12/10/21 14:00	1752	1754
1754			Lower The Motor To Suitable Position	0.25 hrs	12/10/21 14:00	12/10/21 14:15	1753	1755
1755			Isolate Air To The Cylinder And Disconnect The Pipes	0.25 hrs	12/10/21 14:15	12/10/21 14:30	1754	1756
1756			Remove The Crusher Mounting Bolts	0.5 hrs	12/10/21 14:30	12/10/21 15:00	1755	1757
1757			Rig Out The Crusher Then Take It The Washing Bay,Clean And Transport To The Workshop	2 hrs	12/10/21 15:00	12/10/21 17:00	1756	1758
1758			Prepare A Work Bench For Carrying Out Overhaul	0.25 hrs	12/10/21 17:00	12/10/21 17:15	1757	1759
1759			Remove The Roll Pack From The Frame And Drain Oil	2 hrs	12/10/21 17:15	13/10/21 08:15	1758	1760
1760			Remove The Front Panel Of The Wheel Guard	0.25 hrs	13/10/21 08:15	13/10/21 08:30	1759	1761
1761			Pull Out The Gears	2 hrs	13/10/21 08:30	13/10/21 10:30	1760	1762
1762			Remove The Clamping Strip From The Bellow On The Loose Roll	0.5 hrs	13/10/21 10:30	13/10/21 11:00	1761	1763
1763			Loosen The Nuts Of The Wheel Guard Support Bolts	0.5 hrs	13/10/21 11:00	13/10/21 11:30	1762	1764
1764			Carefully Withdraw The Wheel Guard From The Shaft Of The Of The Working Roll	0.25 hrs	13/10/21 11:30	13/10/21 11:45	1763	1765
1765			Remove The V Belt Pulleys	1 hr	13/10/21 11:45	13/10/21 13:15	1764	1766
1766			Remove The Bearings Using The Detaching Device And Hydraulic Pump(4Off)	2 hrs	13/10/21 13:15	13/10/21 15:15	1765	1767
1767			Loosen The Disc From The Accentric Shaft On The Side Opposite The Compressed Air Cylinder And Withdraw The Pull	0.5 hrs	13/10/21 15:15	13/10/21 15:45	1766	1768
1768			Remove Sideways The Bearing Casing,Inner Bearing Cover,Sealing Ring And Filling Sheets	2 hrs	13/10/21 15:45	13/10/21 17:45	1767	1769
1769			Clean All The Components And Inspect,Then Replace If Necessary	1 hr	13/10/21 17:45	14/10/21 07:45	1768	1770
1770			Ensure That The Flutes Are In The Correct Position	0.5 hrs	14/10/21 07:45	14/10/21 08:15	1769	1771
1771			Position The Filling Covers On The Rolls	0.25 hrs	14/10/21 08:15	14/10/21 08:30	1770	1772
1772			Install The Sealing Ring	0.25 hrs	14/10/21 08:30	14/10/21 08:45	1771	1773
1773			Inset The Inner Bearing Cover	0.25 hrs	14/10/21 08:45	14/10/21 09:00	1772	1774
1774			Mount Locating Ring	0.25 hrs	14/10/21 09:00	14/10/21 09:15	1773	1775
1775			Install Bearings Both Sides And Set Clearance Between 0.03-0.05 On The Drive Side And Lock Nut(4 0Ff)	2 hrs	14/10/21 09:15	14/10/21 11:15	1774	1776

ID	Task Mode	Asset Code	Task Name	Duration	Start	Finish	Predecessors	Successor
1776			Replace Bearing Housing Ensuring That Grease Points Are Inline	1 hr	14/10/21 11:15	14/10/21 12:45	1775	1777
1777			Replace The End Covers And Box	1 hr	14/10/21 12:45	14/10/21 13:45	1776	1778
1778			Replace O Ring In The Sleeves And Slide Sleeves On The Shaft	1 hr	14/10/21 13:45	14/10/21 14:45	1777	1779
1779			Replace The Oil Tank And Secure	1 hr	14/10/21 14:45	14/10/21 15:45	1778	1780
1780			Install Gears And Lock Them	1 hr	14/10/21 15:45	14/10/21 16:45	1779	1781
1781			Close The Reservoir	0.5 hrs	14/10/21 16:45	14/10/21 17:15	1780	1782
1782			Replace The Drive Pulley And Lock It,Then Install The Underspeed Actuator	1 hr	14/10/21 17:15	15/10/21 07:15	1781	1783
1783			Install Eccentric Shaft	1 hr	15/10/21 07:15	15/10/21 08:15	1782	1784
1784			Replace Adjusting Mechanism	1 hr	15/10/21 08:15	15/10/21 09:15	1783	1785
1785			Install Pneumatic Cylinder And Set The Crusher Gap When The Cylinder Is In A Retracted Position	0.5 hrs	15/10/21 09:15	15/10/21 09:45	1784	1786
1786			Install The Roll Assembly In The Frame	1.5 hrs	15/10/21 09:45	15/10/21 11:15	1785	1787
1787			Install Scraper And Adjust	0.5 hrs	15/10/21 11:15	15/10/21 11:45	1786	1788
1788			Transport To The Plant And Rig In Position And Secure	2.5 hrs	15/10/21 11:45	15/10/21 14:45	1787	1789
1789			Install The Chute And Secure	1 hr	15/10/21 14:45	15/10/21 15:45	1788	1790
1790			Lower The Vibrating Feeder And Secure	0.5 hrs	15/10/21 15:45	15/10/21 16:15	1789	1791
1791			Install The Motor And Align The Pulleys	1 hr	15/10/21 16:15	15/10/21 17:15	1790	1792
1792			Replace V Belts Spb 16Nx2530 Tension To The Correct Force And Deflection(5 Off)	0.5 hrs	15/10/21 17:15	15/10/21 17:45	1791	1793
1793			Replace The Guard	0.25 hrs	15/10/21 17:45	15/10/21 18:00	1792	1794
1794			Connect Under Speed Sensors	0.5 hrs	16/10/21 07:00	16/10/21 07:30	1793	1795
1795			Box Up The Crusher	0.5 hrs	16/10/21 07:30	16/10/21 08:00	1794	1796
1796			Refill To The Correct Level Gen Gear 680	0.5 hrs	16/10/21 08:00	16/10/21 08:30	1795	1797
1797			Carry House Keeping	0.25 hrs	16/10/21 08:30	16/10/21 08:45	1796	1798
1798			Sign Off The Permit	0.25 hrs	16/10/21 08:45	16/10/21 09:00	1797	1799
1799			Clear Permit	0.25 hrs	16/10/21 09:00	16/10/21 09:15	1798	
1800		29C2GF08	# A2 FINE ROLLER CRUSHER - Carry out inspection	44.5 hrs	16/10/21 09:15	20/10/21 11:45	1741	1859
1801			Make Out Permit	0.25 hrs	16/10/21 09:15	16/10/21 09:30		1802
1802			Accept Permit	0.25 hrs	16/10/21 09:30	16/10/21 09:45	1801	1803
1803			Carry Out Risk Assessment	0.25 hrs	16/10/21 09:45	16/10/21 10:00	1802	1804
1804			Loosen And Remove The Vibrating Feeder Rubber Bellows	1 hr	16/10/21 10:00	16/10/21 11:00	1803	1805
1805			Support The Vibrating Feeder With A Chain Block	1 hr	16/10/21 11:00	16/10/21 12:00	1804	1806
1806			Loosen And Remove The Mounting Bolts For The Feeder	0.5 hrs	16/10/21 12:30	16/10/21 13:00	1805	1807
1807			Lift A Vibrating Feeder To Create Clearance Between The Feeder And The Chute	0.5 hrs	16/10/21 13:00	16/10/21 13:30	1806	1808
1808			Disconnect Underspeed Sensors And Proximity Switches	0.5 hrs	16/10/21 13:30	16/10/21 14:00	1807	1809
1809			Remove The Mounting Bolts For The Chute And Rig It Out.	1 hr	16/10/21 14:00	16/10/21 15:00	1808	1810
1810			Remove The V Belts Guard	0.25 hrs	16/10/21 15:00	16/10/21 15:15	1809	1811
1811			Slack The Motor And Remove The V Belts	0.25 hrs	16/10/21 15:15	16/10/21 15:30	1810	1812
1812			Support The Motor With A Chain Block And Remove The Motor Mounting Bolts	1 hr	16/10/21 15:30	16/10/21 16:30	1811	1813
1813			Lower The Motor To Suitable Position	0.25 hrs	16/10/21 16:30	16/10/21 16:45	1812	1814
1814			Isolate Air To The Cylinder And Disconnect The Pipes	0.25 hrs	16/10/21 16:45	16/10/21 17:00	1813	1815
1815			Remove The Crusher Mounting Bolts	0.5 hrs	16/10/21 17:00	16/10/21 17:30	1814	1816
1816			Rig Out The Crusher Then Take It The Washing Bay,Clean And Transport To The Workshop	2 hrs	16/10/21 17:30	17/10/21 08:30	1815	1817
1817			Prepare A Work Bench For Carrying Out Overhaul	0.25 hrs	17/10/21 08:30	17/10/21 08:45	1816	1818
1818			Remove The Roll Pack From The Frame And Drain Oil	2 hrs	17/10/21 08:45	17/10/21 10:45	1817	1819
1819			Remove The Front Panel Of The Wheel Guard	0.25 hrs	17/10/21 10:45	17/10/21 11:00	1818	1820
1820			Pull Out The Gears	2 hrs	17/10/21 11:00	17/10/21 13:30	1819	1821
1821			Remove The Clamping Strip From The Bellow On The Loose Roll	0.5 hrs	17/10/21 13:30	17/10/21 14:00	1820	1822
1822			Loosen The Nuts Of The Wheel Guard Support Bolts	0.5 hrs	17/10/21 14:00	17/10/21 14:30	1821	1823
1823			Carefully Withdraw The Wheel Guard From The Shaft Of The Of The Working Roll	0.25 hrs	17/10/21 14:30	17/10/21 14:45	1822	1824

ID	Task Mode	Asset Code	Task Name	Duration	Start	Finish	Predecessors	Successor
1824			Remove The V Belt Pulleys	1 hr	17/10/21 14:45	17/10/21 15:45	1823	1825
1825			Remove The Bearings Using The Detaching Device And Hydraulic Pump(4Off)	2 hrs	17/10/21 15:45	17/10/21 17:45	1824	1826
1826			Loosen The Disc From The Accentric Shaft On The Side Opposite The Compressed Air Cylinder And Withdraw The Pull	0.5 hrs	17/10/21 17:45	18/10/21 07:15	1825	1827
1827			Remove Sideways The Bearing Casing,Inner Bearing Cover,Sealing Ring And Filling Sheets	2 hrs	18/10/21 07:15	18/10/21 09:15	1826	1828
1828			Clean All The Components And Inspect,Then Replace If Necessary	1 hr	18/10/21 09:15	18/10/21 10:15	1827	1829
1829			Ensure That The Flutes Are In The Correct Position	0.5 hrs	18/10/21 10:15	18/10/21 10:45	1828	1830
1830			Position The Filling Covers On The Rolls	0.25 hrs	18/10/21 10:45	18/10/21 11:00	1829	1831
1831			Install The Sealing Ring	0.25 hrs	18/10/21 11:00	18/10/21 11:15	1830	1832
1832			Inset The Inner Bearing Cover	0.25 hrs	18/10/21 11:15	18/10/21 11:30	1831	1833
1833			Mount Locating Ring	0.25 hrs	18/10/21 11:30	18/10/21 11:45	1832	1834
1834			Install Bearings Both Sides And Set Clearance Between 0.03-0.05 On The Drive Side And Lock Nut(4 0Ff)	2 hrs	18/10/21 11:45	18/10/21 14:15	1833	1835
1835			Replace Bearing Housing Ensuring That Grease Points Are Inline	1 hr	18/10/21 14:15	18/10/21 15:15	1834	1836
1836			Replace The End Covers And Box	1 hr	18/10/21 15:15	18/10/21 16:15	1835	1837
1837			Replace O Ring In The Sleeves And Slide Sleeves On The Shaft	1 hr	18/10/21 16:15	18/10/21 17:15	1836	1838
1838			Replace The Oil Tank And Secure	1 hr	18/10/21 17:15	19/10/21 07:15	1837	1839
1839			Install Gears And Lock Them	1 hr	19/10/21 07:15	19/10/21 08:15	1838	1840
1840			Close The Reservoir	0.5 hrs	19/10/21 08:15	19/10/21 08:45	1839	1841
1841			Replace The Drive Pulley And Lock It,Then Install The Underspeed Actuator	1 hr	19/10/21 08:45	19/10/21 09:45	1840	1842
1842			Install Eccentric Shaft	1 hr	19/10/21 09:45	19/10/21 10:45	1841	1843
1843			Replace Adjusting Mechanism	1 hr	19/10/21 10:45	19/10/21 11:45	1842	1844
1844			Install Pneumatic Cylinder And Set The Crusher Gap When The Cylinder Is In A Retracted Position	0.5 hrs	19/10/21 11:45	19/10/21 12:45	1843	1845
1845			Install The Roll Assembly In The Frame	1.5 hrs	19/10/21 12:45	19/10/21 14:15	1844	1846
1846			Install Scraper And Adjust	0.5 hrs	19/10/21 14:15	19/10/21 14:45	1845	1847
1847			Transport To The Plant And Rig In Position And Secure	2.5 hrs	19/10/21 14:45	19/10/21 17:15	1846	1848
1848			Install The Chute And Secure	1 hr	19/10/21 17:15	20/10/21 07:15	1847	1849
1849			Lower The Vibrating Feeder And Secure	0.5 hrs	20/10/21 07:15	20/10/21 07:45	1848	1850
1850			Install The Motor And Align The Pulleys	1 hr	20/10/21 07:45	20/10/21 08:45	1849	1851
1851			Replace V Belts Spb 16Nx2530 Tension To The Correct Force And Deflection(5 Off)	0.5 hrs	20/10/21 08:45	20/10/21 09:15	1850	1852
1852			Replace The Guard	0.25 hrs	20/10/21 09:15	20/10/21 09:30	1851	1853
1853			Connect Under Speed Sensors	0.5 hrs	20/10/21 09:30	20/10/21 10:00	1852	1854
1854			Box Up The Crusher	0.5 hrs	20/10/21 10:00	20/10/21 10:30	1853	1855
1855			Refill To The Correct Level Gen Gear 680	0.5 hrs	20/10/21 10:30	20/10/21 11:00	1854	1856
1856			Carry House Keeping	0.25 hrs	20/10/21 11:00	20/10/21 11:15	1855	1857
1857			Sign Off The Permit	0.25 hrs	20/10/21 11:15	20/10/21 11:30	1856	1858
1858			Clear Permit	0.25 hrs	20/10/21 11:30	20/10/21 11:45	1857	
1859		29C2GF01	# A FLAKE CRUSHER - Carry Out Inspection And Service	7.5 hrs	20/10/21 11:45	21/10/21 08:45	1800	1870
1860			Make Out Permit	0.25 hrs	20/10/21 11:45	20/10/21 12:00		1861
1861			Accept Permit	0.25 hrs	20/10/21 12:30	20/10/21 12:45	1860	1862
1862			Carry Out Risk Assesment	0.25 hrs	20/10/21 12:45	20/10/21 13:00	1861	1863
1863			Loosen Mouting Bolts For The Guards And Check The Condition Of Coupling	0.5 hrs	20/10/21 13:00	20/10/21 13:30	1862	1864
1864			Inspect Labyrinth Seals For Wear And Damage	2 hrs	20/10/21 13:30	20/10/21 15:30	1863	1865
1865			Open The Plummer Blocks And Clean Old Grease	1.5 hrs	20/10/21 15:30	20/10/21 17:00	1864	1866
1866			Inspect Bearings And Repack With New Grease	0.5 hrs	20/10/21 17:00	20/10/21 17:30	1865	1867
1867			Close The Plummer Blocks	1 hr	20/10/21 17:30	21/10/21 07:30	1866	1868
1868			Sign Off Permit	1 hr	21/10/21 07:30	21/10/21 08:30	1867	1869
1869			Clear Permit	0.25 hrs	21/10/21 08:30	21/10/21 08:45	1868	
1870		29C2GF02	# A PRE CRUSHER - Carry Out Inspection And Service	17 hrs	21/10/21 08:45	22/10/21 15:45	1859	
1871			Make Out Permit	0.25 hrs	21/10/21 08:45	21/10/21 09:00		1872

ID	Task Mode	Asset Code	Task Name	Duration	Start	Finish	Predecessors	Successor
1872			Accept Permit	0.25 hrs	21/10/21 09:00	21/10/21 09:15	1871	1873
1873			Carry Out Risk Assessment	0.25 hrs	21/10/21 09:15	21/10/21 09:30	1872	1874
1874			Remove Guards And Inspect Condition Of The Coupling	2 hrs	21/10/21 09:30	21/10/21 11:30	1873	1875
1875			Open Bearing Covers,Clean And Repack With New Grease,Then Close Covers	3.5 hrs	21/10/21 11:30	21/10/21 15:30	1874	1876
1876			Open Side Covers And Inspect Discs For Wear And Damage	3 hrs	21/10/21 15:30	22/10/21 07:30	1875	1877
1877			Inspect The Scraper For Wear And Damage	2 hrs	22/10/21 07:30	22/10/21 09:30	1876	1878
1878			Apply Sealant And Replace Side Covers	2.5 hrs	22/10/21 09:30	22/10/21 12:00	1877	1879
1879			Drain Gearbox Oil And Refill With New Oil(Gengear 220)	2.5 hrs	22/10/21 12:30	22/10/21 15:00	1878	1880
1880			Replace Guards	0.25 hrs	22/10/21 15:00	22/10/21 15:15	1879	1881
1881			Sign Off Permit	0.25 hrs	22/10/21 15:15	22/10/21 15:30	1880	1882
1882			Clear Permit	0.25 hrs	22/10/21 15:30	22/10/21 15:45	1881	
1883		29C2GF03	# A1 PRE - Roller Crusher - Carry out inspection	44.25 hrs	12/10/21 04:30	16/10/21 09:15	1531	1942
1884			Make Out Permit	0.25 hrs	12/10/21 04:30	12/10/21 04:45		1885
1885			Accept Permit	0.25 hrs	12/10/21 07:00	12/10/21 07:15	1884	1886
1886			Carry Out Risk Assessment	0.25 hrs	12/10/21 07:15	12/10/21 07:30	1885	1887
1887			Loosen And Remove The Vibrating Feeder Rubber Bellows	1 hr	12/10/21 07:30	12/10/21 08:30	1886	1888
1888			Support The Vibrating Feeder With A Chain Block	1 hr	12/10/21 08:30	12/10/21 09:30	1887	1889
1889			Loosen And Remove The Mounting Bolts For The Feeder	0.5 hrs	12/10/21 09:30	12/10/21 10:00	1888	1890
1890			Lift A Vibrating Feeder To Create Clearance Between The Feeder And The Chute	0.5 hrs	12/10/21 10:00	12/10/21 10:30	1889	1891
1891			Disconnect Underspeed Sensors And Proximity Switches	0.5 hrs	12/10/21 10:30	12/10/21 11:00	1890	1892
1892			Remove The Mounting Bolts For The Chute And Rig It Out.	1 hr	12/10/21 11:00	12/10/21 12:00	1891	1893
1893			Remove The V Belts Guard	0.25 hrs	12/10/21 12:30	12/10/21 12:45	1892	1894
1894			Slack The Motor And Remove The V Belts	0.25 hrs	12/10/21 12:45	12/10/21 13:00	1893	1895
1895			Support The Motor With A Chain Block And Remove The Motor Mounting Bolts	1 hr	12/10/21 13:00	12/10/21 14:00	1894	1896
1896			Lower The Motor To Suitable Position	0.25 hrs	12/10/21 14:00	12/10/21 14:15	1895	1897
1897			Isolate Air To The Cylinder And Disconnect The Pipes	0.25 hrs	12/10/21 14:15	12/10/21 14:30	1896	1898
1898			Remove The Crusher Mounting Bolts	0.5 hrs	12/10/21 14:30	12/10/21 15:00	1897	1899
1899			Rig Out The Crusher Then Take It The Washing Bay,Clean And Transport To The Workshop	2 hrs	12/10/21 15:00	12/10/21 17:00	1898	1900
1900			Prepare A Work Bench For Carrying Out Overhaul	0.25 hrs	12/10/21 17:00	12/10/21 17:15	1899	1901
1901			Remove The Roll Pack From The Frame And Drain Oil	2 hrs	12/10/21 17:15	13/10/21 08:15	1900	1902
1902			Remove The Front Panel Of The Wheel Guard	0.25 hrs	13/10/21 08:15	13/10/21 08:30	1901	1903
1903			Pull Out The Gears	2 hrs	13/10/21 08:30	13/10/21 10:30	1902	1904
1904			Remove The Clamping Strip From The Bellow On The Loose Roll	0.5 hrs	13/10/21 10:30	13/10/21 11:00	1903	1905
1905			Loosen The Nuts Of The Wheel Guard Support Bolts	0.5 hrs	13/10/21 11:00	13/10/21 11:30	1904	1906
1906			Carefully Withdraw The Wheel Guard From The Shaft Of The Of The Working Roll	0.25 hrs	13/10/21 11:30	13/10/21 11:45	1905	1907
1907			Remove The V Belt Pulleys	1 hr	13/10/21 11:45	13/10/21 13:15	1906	1908
1908			Remove The Bearings Using The Detaching Device And Hydraulic Pump(4Off)	2 hrs	13/10/21 13:15	13/10/21 15:15	1907	1909
1909			Loosen The Disc From The Accentric Shaft On The Side Opposite The Compressed Air Cylinder And Withdraw The Pull	0.5 hrs	13/10/21 15:15	13/10/21 15:45	1908	1910
1910			Remove Sideways The Bearing Casing,Inner Bearing Cover,Sealing Ring And Filling Sheets	2 hrs	13/10/21 15:45	13/10/21 17:45	1909	1911
1911			Clean All The Components And Inspect,Then Replace If Necessary	1 hr	13/10/21 17:45	14/10/21 07:45	1910	1912
1912			Ensure That The Flutes Are In The Correct Position	0.5 hrs	14/10/21 07:45	14/10/21 08:15	1911	1913
1913			Position The Filling Covers On The Rolls	0.25 hrs	14/10/21 08:15	14/10/21 08:30	1912	1914
1914			Install The Sealing Ring	0.25 hrs	14/10/21 08:30	14/10/21 08:45	1913	1915
1915			Inset The Inner Bearing Cover	0.25 hrs	14/10/21 08:45	14/10/21 09:00	1914	1916
1916			Mount Locating Ring	0.25 hrs	14/10/21 09:00	14/10/21 09:15	1915	1917
1917			Install Bearings Both Sides And Set Clearance Between 0.03-0.05 On The Drive Side And Lock Nut(4 0Ff)	2 hrs	14/10/21 09:15	14/10/21 11:15	1916	1918
1918			Replace Bearing Housing Ensuring That Grease Points Are Inline	1 hr	14/10/21 11:15	14/10/21 12:45	1917	1919
1919			Replace The End Covers And Box	1 hr	14/10/21 12:45	14/10/21 13:45	1918	1920

ID	Task Mode	Asset Code	Task Name	Duration	Start	Finish	Predecessors	Successor
1920			Replace O Ring In The Sleeves And Slide Sleeves On The Shaft	1 hr	14/10/21 13:45	14/10/21 14:45	1919	1921
1921			Replace The Oil Tank And Secure	1 hr	14/10/21 14:45	14/10/21 15:45	1920	1922
1922			Install Gears And Lock Them	1 hr	14/10/21 15:45	14/10/21 16:45	1921	1923
1923			Close The Reservoir	0.5 hrs	14/10/21 16:45	14/10/21 17:15	1922	1924
1924			Replace The Drive Pulley And Lock It,Then Install The Underspeed Actuator	1 hr	14/10/21 17:15	15/10/21 07:15	1923	1925
1925			Install Eccentric Shaft	1 hr	15/10/21 07:15	15/10/21 08:15	1924	1926
1926			Replace Adjusting Mechanism	1 hr	15/10/21 08:15	15/10/21 09:15	1925	1927
1927			Install Pneumatic Cylinder And Set The Crusher Gap When The Cylinder Is In A Retracted Position	0.5 hrs	15/10/21 09:15	15/10/21 09:45	1926	1928
1928			Install The Roll Assembly In The Frame	1.5 hrs	15/10/21 09:45	15/10/21 11:15	1927	1929
1929			Install Scraper And Adjust	0.5 hrs	15/10/21 11:15	15/10/21 11:45	1928	1930
1930			Transport To The Plant And Rig In Position And Secure	2.5 hrs	15/10/21 11:45	15/10/21 14:45	1929	1931
1931			Install The Chute And Secure	1 hr	15/10/21 14:45	15/10/21 15:45	1930	1932
1932			Lower The Vibrating Feeder And Secure	0.5 hrs	15/10/21 15:45	15/10/21 16:15	1931	1933
1933			Install The Motor And Align The Pulleys	1 hr	15/10/21 16:15	15/10/21 17:15	1932	1934
1934			Replace V Belts Spb 16Nx2530 Tension To The Correct Force And Deflection(5 Off)	0.5 hrs	15/10/21 17:15	15/10/21 17:45	1933	1935
1935			Replace The Guard	0.25 hrs	15/10/21 17:45	15/10/21 18:00	1934	1936
1936			Connect Under Speed Sensors	0.5 hrs	16/10/21 07:00	16/10/21 07:30	1935	1937
1937			Box Up The Crusher	0.5 hrs	16/10/21 07:30	16/10/21 08:00	1936	1938
1938			Refill To The Correct Level Gen Gear 680	0.5 hrs	16/10/21 08:00	16/10/21 08:30	1937	1939
1939			Carry House Keeping	0.25 hrs	16/10/21 08:30	16/10/21 08:45	1938	1940
1940			Sign Off The Permit	0.25 hrs	16/10/21 08:45	16/10/21 09:00	1939	1941
1941			Clear Permit	0.25 hrs	16/10/21 09:00	16/10/21 09:15	1940	
1942		29C2GF04	# A2 PRE - Roller Crusher Carry Out Inspection And Service	13 hrs	16/10/21 09:15	17/10/21 11:45	1883	1965
1943			Make Out Permit	0.25 hrs	16/10/21 09:15	16/10/21 09:30		1944
1944			Accept Permit	0.25 hrs	16/10/21 09:30	16/10/21 09:45	1943	1945
1945			Carry Out Risk Assesment	0.25 hrs	16/10/21 09:45	16/10/21 10:00	1944	1946
1946			Remove Covers	0.5 hrs	16/10/21 10:00	16/10/21 10:30	1945	1947
1947			Drain Gearbox Oil	0.5 hrs	16/10/21 10:30	16/10/21 11:00	1946	1948
1948			Open The Gearbox Cover And Clean The Gears With Degreaser	1 hr	16/10/21 11:00	16/10/21 12:00	1947	1949
1949			Inspect Gears For Wear And Damage,Also Check The Key And Keyway For Wear And Damage,Replace If Necessary	0.5 hrs	16/10/21 12:30	16/10/21 13:00	1948	1950
1950			Replace Cover Seal And Close The Reservoir	0.5 hrs	16/10/21 13:00	16/10/21 13:30	1949	1951
1951			Remove The Pressure Spring And Knife Edge Block(Wedges),Check For Wear And Deformation Of Profiles On Wedges	1 hr	16/10/21 13:30	16/10/21 14:30	1950	1952
1952			Check The Bush Bearings For Wear,Damage And Lubricate	0.5 hrs	16/10/21 14:30	16/10/21 15:00	1951	1953
1953			Inspect The Threads On The Tensioning Shaft And Replace If Necessary	0.5 hrs	16/10/21 15:00	16/10/21 15:30	1952	1954
1954			Grease All Bearings	1 hr	16/10/21 15:30	16/10/21 16:30	1953	1955
1955			Check The Condition Of The Roller Flutes(Wear,Chipped And Direction)	0.5 hrs	16/10/21 16:30	16/10/21 17:00	1954	1956
1956			Replace The Springs And Wedges,Then Set The Gap To 1.8Mm	2 hrs	16/10/21 17:00	17/10/21 08:00	1955	1957
1957			Check The Condition Of The Scraper And Deflector Plates	0.5 hrs	17/10/21 08:00	17/10/21 08:30	1956	1958
1958			Inspect The V Belts And Pulleys For Wear And Cracks,Then Replace If Necessary And Align	1 hr	17/10/21 08:30	17/10/21 09:30	1957	1959
1959			Check The Air Cylinders For Leaks And Malfunction	0.5 hrs	17/10/21 09:30	17/10/21 10:00	1958	1960
1960			Refill Oil To The Correct Level(Gengear 680)	0.5 hrs	17/10/21 10:00	17/10/21 10:30	1959	1961
1961			Apply Sealant And Close All Side Covers	0.5 hrs	17/10/21 10:30	17/10/21 11:00	1960	1962
1962			Carry Out Housekeeping	0.25 hrs	17/10/21 11:00	17/10/21 11:15	1961	1963
1963			Sign Off The Permit	0.25 hrs	17/10/21 11:15	17/10/21 11:30	1962	1964
1964			Clear The Permit	0.25 hrs	17/10/21 11:30	17/10/21 11:45	1963	
1965		29C2GF05	# A3 PRE - Roller Crusher Carry Out Inspection And Service	13 hrs	17/10/21 11:45	18/10/21 14:45	1942	1988
1966			Make Out Permit	0.25 hrs	17/10/21 11:45	17/10/21 12:00		1967
1967			Accept Permit	0.25 hrs	17/10/21 12:30	17/10/21 12:45	1966	1968

ID	Task Mode	Asset Code	Task Name	Duration	Start	Finish	Predecessors	Successor
1968			Carry Out Risk Assessment	0.25 hrs	17/10/21 12:45	17/10/21 13:00	1967	1969
1969			Remove Covers	0.5 hrs	17/10/21 13:00	17/10/21 13:30	1968	1970
1970			Drain Gearbox Oil	0.5 hrs	17/10/21 13:30	17/10/21 14:00	1969	1971
1971			Open The Gearbox Cover And Clean The Gears With Degreaser	1 hr	17/10/21 14:00	17/10/21 15:00	1970	1972
1972			Inspect Gears For Wear And Damage,Also Check The Key And Keyway For Wear And Damage,Replace If Necessary	0.5 hrs	17/10/21 15:00	17/10/21 15:30	1971	1973
1973			Replace Cover Seal And Close The Reservoir	0.5 hrs	17/10/21 15:30	17/10/21 16:00	1972	1974
1974			Remove The Pressure Spring And Knife Edge Block(Wedges),Check For Wear And Deformation Of Profiles On Wedges	1 hr	17/10/21 16:00	17/10/21 17:00	1973	1975
1975			Check The Bush Bearings For Wear,Damage And Lubricate	0.5 hrs	17/10/21 17:00	17/10/21 17:30	1974	1976
1976			Inspect The Threads On The Tensioning Shaft And Replace If Necessary	0.5 hrs	17/10/21 17:30	17/10/21 18:00	1975	1977
1977			Grease All Bearings	1 hr	18/10/21 07:00	18/10/21 08:00	1976	1978
1978			Check The Condition Of The Roller Flutes(Wear,Chipped And Direction)	0.5 hrs	18/10/21 08:00	18/10/21 08:30	1977	1979
1979			Replace The Springs And Wedges,Then Set The Gap To 1.8Mm	2 hrs	18/10/21 08:30	18/10/21 10:30	1978	1980
1980			Check The Condition Of The Scraper And Deflector Plates	0.5 hrs	18/10/21 10:30	18/10/21 11:00	1979	1981
1981			Inspect The V Belts And Pulleys For Wear And Cracks,Then Replace If Necessary And Align	1 hr	18/10/21 11:00	18/10/21 12:00	1980	1982
1982			Check The Air Cylinders For Leaks And Malfunction	0.5 hrs	18/10/21 12:30	18/10/21 13:00	1981	1983
1983			Refill Oil To The Correct Level(Gengear 680)	0.5 hrs	18/10/21 13:00	18/10/21 13:30	1982	1984
1984			Apply Sealant And Close All Side Covers	0.5 hrs	18/10/21 13:30	18/10/21 14:00	1983	1985
1985			Carry Out Housekeeping	0.25 hrs	18/10/21 14:00	18/10/21 14:15	1984	1986
1986			Sign Off The Permit	0.25 hrs	18/10/21 14:15	18/10/21 14:30	1985	1987
1987			Clear The Permit	0.25 hrs	18/10/21 14:30	18/10/21 14:45	1986	
1988		29C2GF06	# A4 PRE - Roller Crusher - Carry out inspection	44.5 hrs	18/10/21 14:45	22/10/21 17:15	1965	
1989			Make Out Permit	0.25 hrs	18/10/21 14:45	18/10/21 15:00		1990
1990			Accept Permit	0.25 hrs	18/10/21 15:00	18/10/21 15:15	1989	1991
1991			Carry Out Risk Assessment	0.25 hrs	18/10/21 15:15	18/10/21 15:30	1990	1992
1992			Loosen And Remove The Vibrating Feeder Rubber Bellows	1 hr	18/10/21 15:30	18/10/21 16:30	1991	1993
1993			Support The Vibrating Feeder With A Chain Block	1 hr	18/10/21 16:30	18/10/21 17:30	1992	1994
1994			Loosen And Remove The Mounting Bolts For The Feeder	0.5 hrs	18/10/21 17:30	18/10/21 18:00	1993	1995
1995			Lift A Vibrating Feeder To Create Clearance Between The Feeder And The Chute	0.5 hrs	19/10/21 07:00	19/10/21 07:30	1994	1996
1996			Disconnect Underspeed Sensors And Proximity Switches	0.5 hrs	19/10/21 07:30	19/10/21 08:00	1995	1997
1997			Remove The Mounting Bolts For The Chute And Rig It Out.	1 hr	19/10/21 08:00	19/10/21 09:00	1996	1998
1998			Remove The V Belts Guard	0.25 hrs	19/10/21 09:00	19/10/21 09:15	1997	1999
1999			Slack The Motor And Remove The V Belts	0.25 hrs	19/10/21 09:15	19/10/21 09:30	1998	2000
2000			Support The Motor With A Chain Block And Remove The Motor Mounting Bolts	1 hr	19/10/21 09:30	19/10/21 10:30	1999	2001
2001			Lower The Motor To Suitable Position	0.25 hrs	19/10/21 10:30	19/10/21 10:45	2000	2002
2002			Isolate Air To The Cylinder And Disconnect The Pipes	0.25 hrs	19/10/21 10:45	19/10/21 11:00	2001	2003
2003			Remove The Crusher Mounting Bolts	0.5 hrs	19/10/21 11:00	19/10/21 11:30	2002	2004
2004			Rig Out The Crusher Then Take It The Washing Bay,Clean And Transport To The Workshop	2 hrs	19/10/21 11:30	19/10/21 14:00	2003	2005
2005			Prepare A Work Bench For Carrying Out Overhaul	0.25 hrs	19/10/21 14:00	19/10/21 14:15	2004	2006
2006			Remove The Roll Pack From The Frame And Drain Oil	2 hrs	19/10/21 14:15	19/10/21 16:15	2005	2007
2007			Remove The Front Panel Of The Wheel Guard	0.25 hrs	19/10/21 16:15	19/10/21 16:30	2006	2008
2008			Pull Out The Gears	2 hrs	19/10/21 16:30	20/10/21 07:30	2007	2009
2009			Remove The Clamping Strip From The Bellow On The Loose Roll	0.5 hrs	20/10/21 07:30	20/10/21 08:00	2008	2010
2010			Loosen The Nuts Of The Wheel Guard Support Bolts	0.5 hrs	20/10/21 08:00	20/10/21 08:30	2009	2011
2011			Carefully Withdraw The Wheel Guard From The Shaft Of The Of The Working Roll	0.25 hrs	20/10/21 08:30	20/10/21 08:45	2010	2012
2012			Remove The V Belt Pulleys	1 hr	20/10/21 08:45	20/10/21 09:45	2011	2013
2013			Remove The Bearings Using The Detaching Device And Hydraulic Pump(4Off)	2 hrs	20/10/21 09:45	20/10/21 11:45	2012	2014
2014			Loosen The Disc From The Accentric Shaft On The Side Opposite The Compressed Air Cylinder And Withdraw The Pull	0.5 hrs	20/10/21 11:45	20/10/21 12:45	2013	2015
2015			Remove Sideways The Bearing Casing,Inner Bearing Cover,Sealing Ring And Filling Sheets	2 hrs	20/10/21 12:45	20/10/21 14:45	2014	2016

ID	Task Mode	Asset Code	Task Name	Duration	Start	Finish	Predecessors	Successor
2016			Clean All The Components And Inspect,Then Replace If Necessary	1 hr	20/10/21 14:45	20/10/21 15:45	2015	2017
2017			Ensure That The Flutes Are In The Correct Position	0.5 hrs	20/10/21 15:45	20/10/21 16:15	2016	2018
2018			Position The Filling Covers On The Rolls	0.25 hrs	20/10/21 16:15	20/10/21 16:30	2017	2019
2019			Install The Sealing Ring	0.25 hrs	20/10/21 16:30	20/10/21 16:45	2018	2020
2020			Inset The Inner Bearing Cover	0.25 hrs	20/10/21 16:45	20/10/21 17:00	2019	2021
2021			Mount Locating Ring	0.25 hrs	20/10/21 17:00	20/10/21 17:15	2020	2022
2022			Install Bearings Both Sides And Set Clearance Between 0.03-0.05 On The Drive Side And Lock Nut(4 0Ff)	2 hrs	20/10/21 17:15	21/10/21 08:15	2021	2023
2023			Replace Bearing Housing Ensuring That Grease Points Are Inline	1 hr	21/10/21 08:15	21/10/21 09:15	2022	2024
2024			Replace The End Covers And Box	1 hr	21/10/21 09:15	21/10/21 10:15	2023	2025
2025			Replace O Ring In The Sleeves And Slide Sleeves On The Shaft	1 hr	21/10/21 10:15	21/10/21 11:15	2024	2026
2026			Replace The Oil Tank And Secure	1 hr	21/10/21 11:15	21/10/21 12:45	2025	2027
2027			Install Gears And Lock Them	1 hr	21/10/21 12:45	21/10/21 13:45	2026	2028
2028			Close The Reservoir	0.5 hrs	21/10/21 13:45	21/10/21 14:15	2027	2029
2029			Replace The Drive Pulley And Lock It,Then Install The Underspeed Actuator	1 hr	21/10/21 14:15	21/10/21 15:15	2028	2030
2030			Install Eccentric Shaft	1 hr	21/10/21 15:15	21/10/21 16:15	2029	2031
2031			Replace Adjusting Mechanism	1 hr	21/10/21 16:15	21/10/21 17:15	2030	2032
2032			Install Pneumatic Cylinder And Set The Crusher Gap When The Cylinder Is In A Retracted Position	0.5 hrs	21/10/21 17:15	21/10/21 17:45	2031	2033
2033			Install The Roll Assembly In The Frame	1.5 hrs	21/10/21 17:45	22/10/21 08:15	2032	2034
2034			Install Scraper And Adjust	0.5 hrs	22/10/21 08:15	22/10/21 08:45	2033	2035
2035			Transport To The Plant And Rig In Position And Secure	2.5 hrs	22/10/21 08:45	22/10/21 11:15	2034	2036
2036			Install The Chute And Secure	1 hr	22/10/21 11:15	22/10/21 12:45	2035	2037
2037			Lower The Vibrating Feeder And Secure	0.5 hrs	22/10/21 12:45	22/10/21 13:15	2036	2038
2038			Install The Motor And Align The Pulleys	1 hr	22/10/21 13:15	22/10/21 14:15	2037	2039
2039			Replace V Belts Spb 16Nx2530 Tension To The Correct Force And Deflection(5 Off)	0.5 hrs	22/10/21 14:15	22/10/21 14:45	2038	2040
2040			Replace The Guard	0.25 hrs	22/10/21 14:45	22/10/21 15:00	2039	2041
2041			Connect Under Speed Sensors	0.5 hrs	22/10/21 15:00	22/10/21 15:30	2040	2042
2042			Box Up The Crusher	0.5 hrs	22/10/21 15:30	22/10/21 16:00	2041	2043
2043			Refill To The Correct Level Gen Gear 680	0.5 hrs	22/10/21 16:00	22/10/21 16:30	2042	2044
2044			Carry House Keeping	0.25 hrs	22/10/21 16:30	22/10/21 16:45	2043	2045
2045			Sign Off The Permit	0.25 hrs	22/10/21 16:45	22/10/21 17:00	2044	2046
2046			Clear Permit	0.25 hrs	22/10/21 17:00	22/10/21 17:15	2045	
2047		29C2GN01	# A1 PRIMARY VIBRATING SCREEN - Carry Out Inspection And Service	13.25 hrs	12/10/21 04:30	13/10/21 09:45	1531	2068
2048			Make Out Permit	0.25 hrs	12/10/21 04:30	12/10/21 04:45		2049
2049			Accept Permit	0.25 hrs	12/10/21 07:00	12/10/21 07:15	2048	2050
2050			Carry Out Risk Assesment	0.25 hrs	12/10/21 07:15	12/10/21 07:30	2049	2051
2051			Remove Guards For The Drive Chain	0.5 hrs	12/10/21 07:30	12/10/21 08:00	2050	2052
2052			Open The Bonnets And Front Cover	0.5 hrs	12/10/21 08:00	12/10/21 08:30	2051	2053
2053			Open The Rear Cover And Clean The Screen With Compressed Air	0.5 hrs	12/10/21 08:30	12/10/21 09:00	2052	2054
2054			Inspect The Screen Mesh For Holes And Physical Damage	1 hr	12/10/21 09:00	12/10/21 10:00	2053	2055
2055			Slack The Chain	0.5 hrs	12/10/21 10:00	12/10/21 10:30	2054	2056
2056			Check The Profile Ledges And Replace If Necessary	1 hr	12/10/21 10:30	12/10/21 11:30	2055	2057
2057			Replace The Tensioning Ledges And Secure	1 hr	12/10/21 11:30	12/10/21 13:00	2056	2058
2058			Inspect The Ultra Bushes For Cracks,Hardness And Loosenes	0.5 hrs	12/10/21 13:00	12/10/21 13:30	2057	2059
2059			Check Beater Bars For Wear On The Journals	0.5 hrs	12/10/21 13:30	12/10/21 14:00	2058	2060
2060			De Isolate,Switch On And Repeat Step No 6,7,8,9,10,11,12&13 Until Completion Of The Task	3.75 hrs	12/10/21 14:00	12/10/21 17:45	2059	2061
2061			Check If The Chains Are Missing Or Broken And Replace If Necessary	0.5 hrs	12/10/21 17:45	13/10/21 07:15	2060	2062
2062			Check The Cleaning Drive Bushes For Wear	0.5 hrs	13/10/21 07:15	13/10/21 07:45	2061	2063
2063			Close The Rear Cover	0.5 hrs	13/10/21 07:45	13/10/21 08:15	2062	2064

ID	Task Mode	Asset Code	Task Name	Duration	Start	Finish	Predecessor	Successor
2064			Close The Front Cover	0.5 hrs	13/10/21 08:15	13/10/21 08:45	2063	2065
2065			Test Run The Screen And Check The Vibration And Cleaning Drive Cycle	0.5 hrs	13/10/21 08:45	13/10/21 09:15	2064	2066
2066			Stop The Screen And Colse All Covers	0.5 hrs	13/10/21 09:15	13/10/21 09:45	2065	
2067			Clear Permit	0.25 hrs	12/10/21 07:00	12/10/21 07:15		
2068		29C2GN02	# A2 PRIMARY VIBRATING SCREEN - Carry Out Inspection And Service	14 hrs	13/10/21 09:45	14/10/21 13:45	2047	2090
2069			Make Out Permit	0.25 hrs	13/10/21 09:45	13/10/21 10:00		2070
2070			Accept Permit	0.25 hrs	13/10/21 10:00	13/10/21 10:15	2069	2071
2071			Carry Out Risk Assesment	0.25 hrs	13/10/21 10:15	13/10/21 10:30	2070	2072
2072			Remove Guards For The Drive Chain	0.5 hrs	13/10/21 10:30	13/10/21 11:00	2071	2073
2073			Open The Bonnets And Front Cover	0.5 hrs	13/10/21 11:00	13/10/21 11:30	2072	2074
2074			Open The Rear Cover And Clean The Screen With Compressed Air	0.5 hrs	13/10/21 11:30	13/10/21 12:00	2073	2075
2075			Inspect The Screen Mesh For Holes And Physical Damage	1 hr	13/10/21 12:30	13/10/21 13:30	2074	2076
2076			Slack The Chain	0.5 hrs	13/10/21 13:30	13/10/21 14:00	2075	2077
2077			Check The Profile Ledges And Replace If Ncessary	1 hr	13/10/21 14:00	13/10/21 15:00	2076	2078
2078			Replace The Tensioning Ledges And Secure	1 hr	13/10/21 15:00	13/10/21 16:00	2077	2079
2079			Inspect The Ultra Bushes For Cracks,Hardness And Loosenes	0.5 hrs	13/10/21 16:00	13/10/21 16:30	2078	2080
2080			Check Beater Bars For Wear On The Journals	0.5 hrs	13/10/21 16:30	13/10/21 17:00	2079	2081
2081			De Isolate,Switch On And Repeat Step No 6,7,8,9,10,11,12&13 Until Completion Of The Task	3.75 hrs	13/10/21 17:00	14/10/21 09:45	2080	2082
2082			Check If The Chains Are Missing Or Broken And Replace If Necessary	0.5 hrs	14/10/21 09:45	14/10/21 10:15	2081	2083
2083			Check The Cleaning Drive Bushes For Wear	0.5 hrs	14/10/21 10:15	14/10/21 10:45	2082	2084
2084			Close The Rear Cover	0.5 hrs	14/10/21 10:45	14/10/21 11:15	2083	2085
2085			Close The Front Cover	0.5 hrs	14/10/21 11:15	14/10/21 11:45	2084	2086
2086			Test Run The Screen And Check The Vibration And Cleaning Drive Cycle	0.5 hrs	14/10/21 11:45	14/10/21 12:45	2085	2087
2087			Stop The Screen And Colse All Covers	0.5 hrs	14/10/21 12:45	14/10/21 13:15	2086	2088
2088			Sign Off The Permit	0.25 hrs	14/10/21 13:15	14/10/21 13:30	2087	2089
2089			Clear Permit	0.25 hrs	14/10/21 13:30	14/10/21 13:45	2088	
2090		29C2GN03	# A3 PRIMARY VIBRATING SCREEN - Carry Out Inspection And Service	14 hrs	14/10/21 13:45	15/10/21 17:15	2068	2112
2091			Make Out Permit	0.25 hrs	14/10/21 13:45	14/10/21 14:00		2092
2092			Accept Permit	0.25 hrs	14/10/21 14:00	14/10/21 14:15	2091	2093
2093			Carry Out Risk Assesment	0.25 hrs	14/10/21 14:15	14/10/21 14:30	2092	2094
2094			Remove Guards For The Drive Chain	0.5 hrs	14/10/21 14:30	14/10/21 15:00	2093	2095
2095			Open The Bonnets And Front Cover	0.5 hrs	14/10/21 15:00	14/10/21 15:30	2094	2096
2096			Open The Rear Cover And Clean The Screen With Compressed Air	0.5 hrs	14/10/21 15:30	14/10/21 16:00	2095	2097
2097			Inspect The Screen Mesh For Holes And Physical Damage	1 hr	14/10/21 16:00	14/10/21 17:00	2096	2098
2098			Slack The Chain	0.5 hrs	14/10/21 17:00	14/10/21 17:30	2097	2099
2099			Check The Profile Ledges And Replace If Ncessary	1 hr	14/10/21 17:30	15/10/21 07:30	2098	2100
2100			Replace The Tensioning Ledges And Secure	1 hr	15/10/21 07:30	15/10/21 08:30	2099	2101
2101			Inspect The Ultra Bushes For Cracks,Hardness And Loosenes	0.5 hrs	15/10/21 08:30	15/10/21 09:00	2100	2102
2102			Check Beater Bars For Wear On The Journals	0.5 hrs	15/10/21 09:00	15/10/21 09:30	2101	2103
2103			De Isolate,Switch On And Repeat Step No 6,7,8,9,10,11,12&13 Until Completion Of The Task	3.75 hrs	15/10/21 09:30	15/10/21 13:45	2102	2104
2104			Check If The Chains Are Missing Or Broken And Replace If Necessary	0.5 hrs	15/10/21 13:45	15/10/21 14:15	2103	2105
2105			Check The Cleaning Drive Bushes For Wear	0.5 hrs	15/10/21 14:15	15/10/21 14:45	2104	2106
2106			Close The Rear Cover	0.5 hrs	15/10/21 14:45	15/10/21 15:15	2105	2107
2107			Close The Front Cover	0.5 hrs	15/10/21 15:15	15/10/21 15:45	2106	2108
2108			Test Run The Screen And Check The Vibration And Cleaning Drive Cycle	0.5 hrs	15/10/21 15:45	15/10/21 16:15	2107	2109
2109			Stop The Screen And Colse All Covers	0.5 hrs	15/10/21 16:15	15/10/21 16:45	2108	2110
2110			Sign Off The Permit	0.25 hrs	15/10/21 16:45	15/10/21 17:00	2109	2111
2111			Clear Permit	0.25 hrs	15/10/21 17:00	15/10/21 17:15	2110	

ID	Task Mode	Asset Code	Task Name	Duration	Start	Finish	Predecessor	Successor
2112		29C2GN04	# A4 PRIMARY VIBRATING SCREEN - Carry Out Inspection And Service	14 hrs	15/10/21 17:15	17/10/21 09:45	2090	2134
2113			Make Out Permit	0.25 hrs	15/10/21 17:15	15/10/21 17:30		2114
2114			Accept Permit	0.25 hrs	15/10/21 17:30	15/10/21 17:45	2113	2115
2115			Carry Out Risk Assessment	0.25 hrs	15/10/21 17:45	15/10/21 18:00	2114	2116
2116			Remove Guards For The Drive Chain	0.5 hrs	16/10/21 07:00	16/10/21 07:30	2115	2117
2117			Open The Bonnets And Front Cover	0.5 hrs	16/10/21 07:30	16/10/21 08:00	2116	2118
2118			Open The Rear Cover And Clean The Screen With Compressed Air	0.5 hrs	16/10/21 08:00	16/10/21 08:30	2117	2119
2119			Inspect The Screen Mesh For Holes And Physical Damage	1 hr	16/10/21 08:30	16/10/21 09:30	2118	2120
2120			Slack The Chain	0.5 hrs	16/10/21 09:30	16/10/21 10:00	2119	2121
2121			Check The Profile Ledges And Replace If Necessary	1 hr	16/10/21 10:00	16/10/21 11:00	2120	2122
2122			Replace The Tensioning Ledges And Secure	1 hr	16/10/21 11:00	16/10/21 12:00	2121	2123
2123			Inspect The Ultra Bushes For Cracks,Hardness And Loosenes	0.5 hrs	16/10/21 12:30	16/10/21 13:00	2122	2124
2124			Check Beater Bars For Wear On The Journals	0.5 hrs	16/10/21 13:00	16/10/21 13:30	2123	2125
2125			De Isolate,Switch On And Repeat Step No 6,7,8,9,10,11,12&13 Until Completion Of The Task	3.75 hrs	16/10/21 13:30	16/10/21 17:15	2124	2126
2126			Check If The Chains Are Missing Or Broken And Replace If Necessary	0.5 hrs	16/10/21 17:15	16/10/21 17:45	2125	2127
2127			Check The Cleaning Drive Bushes For Wear	0.5 hrs	16/10/21 17:45	17/10/21 07:15	2126	2128
2128			Close The Rear Cover	0.5 hrs	17/10/21 07:15	17/10/21 07:45	2127	2129
2129			Close The Front Cover	0.5 hrs	17/10/21 07:45	17/10/21 08:15	2128	2130
2130			Test Run The Screen And Check The Vibration And Cleaning Drive Cycle	0.5 hrs	17/10/21 08:15	17/10/21 08:45	2129	2131
2131			Stop The Screen And Colse All Covers	0.5 hrs	17/10/21 08:45	17/10/21 09:15	2130	2132
2132			Sign Off The Permit	0.25 hrs	17/10/21 09:15	17/10/21 09:30	2131	2133
2133			Clear Permit	0.25 hrs	17/10/21 09:30	17/10/21 09:45	2132	
2134		29C2GN05	# A1 SECONDARY VIBRATING SCREEN - Overhaul Bottom Deck	48.5 hrs	17/10/21 09:45	21/10/21 16:45	2112	
2135		29C2GN05	Make Out Permit	0.25 hrs	17/10/21 09:45	17/10/21 10:00		2136
2136			Accept Permit	0.25 hrs	17/10/21 10:00	17/10/21 10:15	2135	2137
2137			Carry Out Risk Assessment	0.25 hrs	17/10/21 10:15	17/10/21 10:30	2136	2138
2138			Disconnect All Coils(0.25/Headx14 Off)	3.5 hrs	17/10/21 10:30	17/10/21 14:30	2137	2139
2139			Loosen And Remove The Crank Arms To Uncouple The Head And The Beater Bar(0.25/Head X 14)	3.5 hrs	17/10/21 14:30	17/10/21 18:00	2138	2140
2140			Loosen And Remove The Square Bush (0.25/Head X 14)	3.5 hrs	18/10/21 07:00	18/10/21 10:30	2139	2141
2141			Remove The Coil And Put It Aside(0.25/Head X 14)	3.5 hrs	18/10/21 10:30	18/10/21 14:30	2140	2142
2142			Remove The Vibrating Heads(0.25/Head X 14)	3.5 hrs	18/10/21 14:30	18/10/21 18:00	2141	2143
2143			Clean The Vibrating Heads And Transport To Workshop	0.25 hrs	19/10/21 07:00	19/10/21 07:15	2142	2144
2144			Separate The Hammer Assembly From The Housing And Clean The Old Grease(0.25/Head X 14)	3.5 hrs	19/10/21 07:15	19/10/21 10:45	2143	2145
2145			Wash All The Components In Csd And Inspect The Hammer,Spring Assembly,Spring Support And Stem For Cracks,Wear And Physical Damage,Then Replace If Necessary	0.5 hrs	19/10/21 10:45	19/10/21 11:15	2144	2146
2146			Place The Housing On A Flat Surface	4 hrs	19/10/21 11:15	19/10/21 15:45	2145	2147
2147			Install The Hammer Assembly On The Housing	3.5 hrs	19/10/21 15:45	20/10/21 08:15	2146	2148
2148			Align The Hammer Using A Profile Gauge So That The Clearances Are Also Achieved At The Same Time,Then Secure The Hammer Assembly To The Base(0.25/Head X 14)	3.5 hrs	20/10/21 08:15	20/10/21 11:45	2147	2149
2149			Pack With Grease And Replace The Gasket And Stem Seal(0.25/Head X 14)	3.5 hrs	20/10/21 11:45	20/10/21 15:45	2148	2150
2150			Transport To The Plant And Install Back In Position And Secure	3.5 hrs	20/10/21 15:45	21/10/21 08:15	2149	2151
2151			Connect The Vibrating Head To The Beater Bar Using Crank Arm At Correct Angle Of 90 Degrees	3.5 hrs	21/10/21 08:15	21/10/21 11:45	2150	2152
2152			Reconnect The Coils	3.5 hrs	21/10/21 11:45	21/10/21 15:45	2151	2153
2153			Sign Off The Permit	0.25 hrs	21/10/21 15:45	21/10/21 16:00	2152	2154
2154			Obtain Test Run Permi And Test The Screen	0.25 hrs	21/10/21 16:00	21/10/21 16:15	2153	2155
2155			Sign Off The Permit	0.25 hrs	21/10/21 16:15	21/10/21 16:30	2154	2156
2156			Clear Permit	0.25 hrs	21/10/21 16:30	21/10/21 16:45	2155	
2157		29C2GN06	# A2 SECONDARY VIBRATING SCREEN - Overhaul Bottom Deck	48 hrs	12/10/21 04:30	16/10/21 13:30	1531	2179
2158			Make Out Permit	0.25 hrs	12/10/21 04:30	12/10/21 04:45		2159

ID	Task Mode	Asset Code	Task Name	Duration	Start	Finish	Predecessors	Successor
2159			Accept Permit	0.25 hrs	12/10/21 07:00	12/10/21 07:15	2158	2160
2160			Carry Out Risk Assessment	0.25 hrs	12/10/21 07:15	12/10/21 07:30	2159	2161
2161			Disconnect All Coils(0.25/Headx14 Off)	3.5 hrs	12/10/21 07:30	12/10/21 11:00	2160	2162
2162			Loosen And Remove The Crank Arms To Uncouple The Head And The Beater Bar(0.25/Head X 14)	3.5 hrs	12/10/21 11:00	12/10/21 15:00	2161	2163
2163			Loosen And Remove The Square Bush (0.25/Head X 14)	3.5 hrs	12/10/21 15:00	13/10/21 07:30	2162	2164
2164			Remove The Coil And Put It Aside(0.25/Head X 14)	3.5 hrs	13/10/21 07:30	13/10/21 11:00	2163	2165
2165			Remove The Vibrating Heads(0.25/Head X 14)	3.5 hrs	13/10/21 11:00	13/10/21 15:00	2164	2166
2166			Clean The Vibrating Heads And Transport To Workshop	0.25 hrs	13/10/21 15:00	13/10/21 15:15	2165	2167
2167			Separate The Hammer Assembly From The Housing And Clean The Old Grease(0.25/Head X 14)	3.5 hrs	13/10/21 15:15	14/10/21 07:45	2166	2168
2168			Wash All The Components In Csd And Inspect The Hammer,Spring Assembly,Spring Support And Stem For Cracks,Wear And Physical Damage,Then Replace If Necessary	0.5 hrs	14/10/21 07:45	14/10/21 08:15	2167	2169
2169			Place The Housing On A Flat Surface	4 hrs	14/10/21 08:15	14/10/21 12:45	2168	2170
2170			Install The Hammer Assembly On The Housing	3.5 hrs	14/10/21 12:45	14/10/21 16:15	2169	2171
2171			Align The Hammer Using A Profile Gauge So That The Clearances Are Also Achieved At The Same Time,Then Secure The Hammer Assembly To The Base(0.25/Head X 14)	3.5 hrs	14/10/21 16:15	15/10/21 08:45	2170	2172
2172			Pack With Grease And Replace The Gasket And Stem Seal(0.25/Head X 14)	3.5 hrs	15/10/21 08:45	15/10/21 12:45	2171	2173
2173			Transport To The Plant And Install Back In Position And Secure	3.5 hrs	15/10/21 12:45	15/10/21 16:15	2172	2174
2174			Connect The Vibrating Head To The Beater Bar Using Crank Arm At Correct Angle Of 90 Degrees	3.5 hrs	15/10/21 16:15	16/10/21 08:45	2173	2175
2175			Reconnect The Coils	3.5 hrs	16/10/21 08:45	16/10/21 12:45	2174	2176
2176			Sign Off The Permit	0.25 hrs	16/10/21 12:45	16/10/21 13:00	2175	2177
2177			Obtain Test Run Permi And Test The Screen	0.25 hrs	16/10/21 13:00	16/10/21 13:15	2176	2178
2178			Clear Permit	0.25 hrs	16/10/21 13:15	16/10/21 13:30	2177	
2179		29C2RF01	# A1 CHAIN CONVEYOR - Install Dust Seals	19.75 hrs	16/10/21 13:30	18/10/21 11:45	2157	2198
2180			Make Out Permit	0.25 hrs	16/10/21 13:30	16/10/21 13:45		2181
2181			Accept Permit	0.25 hrs	16/10/21 13:45	16/10/21 14:00	2180	2182
2182			Carry Out Risk Assessment	0.25 hrs	16/10/21 14:00	16/10/21 14:15	2181	2183
2183			Remove all covers	2 hrs	16/10/21 14:15	16/10/21 16:15	2182	2184
2184			Remove drive chain and sprocket	2 hrs	16/10/21 16:15	17/10/21 07:15	2183	2185
2185			Rig out casing with the shaft	1 hr	17/10/21 07:15	17/10/21 08:15	2184	2186
2186			Remove bearings	1.5 hrs	17/10/21 08:15	17/10/21 09:45	2185	2187
2187			Remove shaft from casing	1 hr	17/10/21 09:45	17/10/21 10:45	2186	2188
2188			Clean shaft	0.5 hrs	17/10/21 10:45	17/10/21 11:15	2187	2189
2189			Install dust seals	2 hrs	17/10/21 11:15	17/10/21 13:45	2188	2190
2190			Put back shaft into casing	2 hrs	17/10/21 13:45	17/10/21 15:45	2189	2191
2191			Install bearings	2 hrs	17/10/21 15:45	17/10/21 17:45	2190	2192
2192			Rig back casing and shaft into position	1.5 hrs	17/10/21 17:45	18/10/21 08:15	2191	2193
2193			Put back sprocket	1 hr	18/10/21 08:15	18/10/21 09:15	2192	2194
2194			Install drive chain	1.5 hrs	18/10/21 09:15	18/10/21 10:45	2193	2195
2195			Install guard	0.5 hrs	18/10/21 10:45	18/10/21 11:15	2194	2196
2196			House keeping	0.25 hrs	18/10/21 11:15	18/10/21 11:30	2195	2197
2197			Clear permit	0.25 hrs	18/10/21 11:30	18/10/21 11:45	2196	
2198		29C2RE01	# A1 BELT CONVEYOR - Replace And Perform Hot Splice	15.5 hrs	18/10/21 11:45	19/10/21 17:15	2179	
2199			Make Out Permit	0.25 hrs	18/10/21 11:45	18/10/21 12:00		2200
2200			Accept Permit	0.25 hrs	18/10/21 12:30	18/10/21 12:45	2199	2201
2201			Carry Out Risk Assessment	0.25 hrs	18/10/21 12:45	18/10/21 13:00	2200	2202
2202			Remove The Guards	0.5 hrs	18/10/21 13:00	18/10/21 13:30	2201	2203
2203			Slack The Conveyor Until The Slack Is Complete	0.5 hrs	18/10/21 13:30	18/10/21 14:00	2202	2204
2204			Cut The Old Conveyor And Join One End To The New Conveyor(Ensure The Position Of The Conveyor Is Correct)	0.5 hrs	18/10/21 14:00	18/10/21 14:30	2203	2205
2205			Pull Out The Old Conveyor To Install The New Conveyor During The Process Until The Correct Length Has Been Installed	1 hr	18/10/21 14:30	18/10/21 15:30	2204	2206

ID	Task Mode	Asset Code	Task Name	Duration	Start	Finish	Predecessors	Successor
2206			Remove The Fasteners And Roll The Old Conveyor Nicely.	0.5 hrs	18/10/21 15:30	18/10/21 16:00	2205	2207
2207			Remove Idler Frames To Position The Splicing Machine	0.5 hrs	18/10/21 16:00	18/10/21 16:30	2206	2208
2208			Replace All Defective Idlers	1 hr	18/10/21 16:30	18/10/21 17:30	2207	2209
2209			Perform Hot Splicing	3 hrs	18/10/21 17:30	19/10/21 09:30	2208	2210
2210			Open Plummer Blocks,Clean Old Grease,Inspect Bearings And Repack With New Grease Or Replace If Necessary	2 hrs	19/10/21 09:30	19/10/21 11:30	2209	2211
2211			Inspect Lagging On The Pulleys And Replace If Necessary	0.5 hrs	19/10/21 11:30	19/10/21 12:00	2210	2212
2212			Replace Idler Frames After Splicing Is Done	0.5 hrs	19/10/21 12:30	19/10/21 13:00	2211	2213
2213			Tension The Conveyor	0.5 hrs	19/10/21 13:00	19/10/21 13:30	2212	2214
2214			Check The Condition Of The Scraper And Adjust Or Replace If Necessary	0.5 hrs	19/10/21 13:30	19/10/21 14:00	2213	2215
2215			Check The Condition Of The Skirting And Adjust Accordingly	0.5 hrs	19/10/21 14:00	19/10/21 14:30	2214	2216
2216			Clear The Permit And Obtain Test Run Permit	0.5 hrs	19/10/21 14:30	19/10/21 15:00	2215	2217
2217			Run The Conveyor And Track It	1 hr	19/10/21 15:00	19/10/21 16:00	2216	2218
2218			Sign Off The Test Run Permit And Isolate The Conveyor	0.25 hrs	19/10/21 16:00	19/10/21 16:15	2217	2219
2219			Obtain A Permit To Work And Replace Guards	0.5 hrs	19/10/21 16:15	19/10/21 16:45	2218	2220
2220			Carry Out Housekeeping	0.25 hrs	19/10/21 16:45	19/10/21 17:00	2219	2221
2221			Clear Permit	0.25 hrs	19/10/21 17:00	19/10/21 17:15	2220	
2222		29C2RF04	# A4 CHAIN CONVEYOR - Thorough Inspection And Repairs	14.5 hrs	15/10/21 15:45	17/10/21 08:45	1719	
2223			Make Out Permit	0.25 hrs	15/10/21 15:45	15/10/21 16:00		2224
2224			Accept Permit	0.25 hrs	15/10/21 16:00	15/10/21 16:15	2223	2225
2225			Carry Out Risk Assesment	0.25 hrs	15/10/21 16:15	15/10/21 16:30	2224	2226
2226			Loosen And Remove Top Covers To Access Chain Links	0.5 hrs	15/10/21 16:30	15/10/21 17:00	2225	2227
2227			Run The Chain To Identify Damaged Links And Mark Them	0.5 hrs	15/10/21 17:00	15/10/21 17:30	2226	2228
2228			Run The Chain To Position The Flights That Are To Be Removed	0.5 hrs	15/10/21 17:30	15/10/21 18:00	2227	2229
2229			Isolate The Chain And Lock It, (Local Isolation)	0.25 hrs	16/10/21 07:00	16/10/21 07:15	2228	2230
2230			Slack The Chain	0.5 hrs	16/10/21 07:15	16/10/21 07:45	2229	2231
2231			Check For Cracks Link By Lin Using Dye Penetrant Method	0.5 hrs	16/10/21 07:45	16/10/21 08:15	2230	2232
2232			Remove The Locking Circlip,Knock Out The Pin And Remove The Damaged Link	0.5 hrs	16/10/21 08:15	16/10/21 08:45	2231	2233
2233			Position The New Link,Connect It With A Pin And Lock It With A Circlip	0.5 hrs	16/10/21 08:45	16/10/21 09:15	2232	2234
2234			Tension The Drag Chain	0.5 hrs	16/10/21 09:15	16/10/21 09:45	2233	2235
2235			De Isolate,Switch On And Repeat Step No 6,7,8,9,10,11,&12 Until Completion Of The Task	3.25 hrs	16/10/21 09:45	16/10/21 13:30	2234	2236
2236			Apply Sealant And Close The Top Covers	1 hr	16/10/21 13:30	16/10/21 14:30	2235	2237
2237			Open Plummer Blocks And Clean Old Grease	1 hr	16/10/21 14:30	16/10/21 15:30	2236	2238
2238			Inspect The Bearings And Pack With New Grease Or Change If Necessary	1 hr	16/10/21 15:30	16/10/21 16:30	2237	2239
2239			Loosen And Remove The Guard For The Drive Unit	0.5 hrs	16/10/21 16:30	16/10/21 17:00	2238	2240
2240			Slack The V Belts And Replace With New Spb 1900X3	1 hr	16/10/21 17:00	16/10/21 18:00	2239	2241
2241			Tension To The Correct Force And Deflection	0.5 hrs	17/10/21 07:00	17/10/21 07:30	2240	2242
2242			Replace Guard And Secure	0.5 hrs	17/10/21 07:30	17/10/21 08:00	2241	2243
2243			Carry Out Housekeeping	0.25 hrs	17/10/21 08:00	17/10/21 08:15	2242	2244
2244			Sign Off The Permit	0.25 hrs	17/10/21 08:15	17/10/21 08:30	2243	2245
2245			Clear Permit	0.25 hrs	17/10/21 08:30	17/10/21 08:45	2244	
2246		29C2RH01	# A1 VIBRATING DISTRIBUTOR - Inspection And Repairs(Slings,Shackles,Eye Bolts Etc)	22.25 hrs	12/10/21 04:30	14/10/21 08:15	1531	2262
2247			Make Out Permit	0.25 hrs	12/10/21 04:30	12/10/21 04:45		2248
2248			Accept Permit	0.25 hrs	12/10/21 07:00	12/10/21 07:15	2247	2249
2249			Carry Out Risk Assesment	0.25 hrs	12/10/21 07:15	12/10/21 07:30	2248	2250
2250			Loosen Clamps And Remove Torn Rubber Bellows	6 hrs	12/10/21 07:30	12/10/21 14:00	2249	2251
2251			Measure New Rubber Bellows,Cut To Size And Install	5.5 hrs	12/10/21 14:00	13/10/21 08:30	2250	2252
2252			Inspect Front Suspesion Springs,Bow Tie Slings,Eyebolts And Shackles For Wear And Replace If Necessary	2 hrs	13/10/21 08:30	13/10/21 10:30	2251	2253
2253			Inspect Rear Suspension Springs,Slings,Eyebolts And Shackles For Wear And Replace If Necessary	2 hrs	13/10/21 10:30	13/10/21 13:00	2252	2254

ID	Task Mode	Asset Code	Task Name	Duration	Start	Finish	Predecessors	Successor
2254			Check And Set The Angle Of Inclination Between 4-7 Degrees	2 hrs	13/10/21 13:00	13/10/21 15:00	2253	2255
2255			Check For Cracks On The Tray And Repair Accordinly	1 hr	13/10/21 15:00	13/10/21 16:00	2254	2256
2256			Loosen And Remove The Back Cover For The Coil	1 hr	13/10/21 16:00	13/10/21 17:00	2255	2257
2257			Check The Springs For The Coil And Replace If Necessary	1 hr	13/10/21 17:00	13/10/21 18:00	2256	2258
2258			Replace The Back Cover And Secure	0.5 hrs	14/10/21 07:00	14/10/21 07:30	2257	2259
2259			Carry Out House Keeping	0.25 hrs	14/10/21 07:30	14/10/21 07:45	2258	2260
2260			Sign Of The Permit	0.25 hrs	14/10/21 07:45	14/10/21 08:00	2259	2261
2261			Clear Permit	0.25 hrs	14/10/21 08:00	14/10/21 08:15	2260	
2262		29C2RH02	# A2 VIBRATING DISTRIBUTOR - Inspection And Repairs(Slings,Shackles,Eye Bolts Etc)	22.5 hrs	14/10/21 08:15	16/10/21 09:45	2246	2278
2263			Make Out Permit	0.25 hrs	14/10/21 08:15	14/10/21 08:30		2264
2264			Accept Permit	0.25 hrs	14/10/21 08:30	14/10/21 08:45	2263	2265
2265			Carry Out Risk Assesment	0.25 hrs	14/10/21 08:45	14/10/21 09:00	2264	2266
2266			Loosen Clamps And Remove Torn Rubber Bellows	6 hrs	14/10/21 09:00	14/10/21 15:30	2265	2267
2267			Measure New Rubber Bellows,Cut To Size And Install	5.5 hrs	14/10/21 15:30	15/10/21 10:00	2266	2268
2268			Inspect Front Suspesion Springs,Bow Tie Slings,Eyebolts And Shackles For Wear And Replace If Necessary	2 hrs	15/10/21 10:00	15/10/21 12:00	2267	2269
2269			Inspect Rear Suspension Springs,Slings,Eyebolts And Shackles For Wear And Replace If Necessary	2 hrs	15/10/21 12:30	15/10/21 14:30	2268	2270
2270			Check And Set The Angle Of Inclination Between 4-7 Degrees	2 hrs	15/10/21 14:30	15/10/21 16:30	2269	2271
2271			Check For Cracks On The Tray And Repair Accordinly	1 hr	15/10/21 16:30	15/10/21 17:30	2270	2272
2272			Loosen And Remove The Back Cover For The Coil	1 hr	15/10/21 17:30	16/10/21 07:30	2271	2273
2273			Check The Springs For The Coil And Replace If Necessary	1 hr	16/10/21 07:30	16/10/21 08:30	2272	2274
2274			Replace The Back Cover And Secure	0.5 hrs	16/10/21 08:30	16/10/21 09:00	2273	2275
2275			Carry Out House Keeping	0.25 hrs	16/10/21 09:00	16/10/21 09:15	2274	2276
2276			Sign Of The Permit	0.25 hrs	16/10/21 09:15	16/10/21 09:30	2275	2277
2277			Clear Permit	0.25 hrs	16/10/21 09:30	16/10/21 09:45	2276	
2278		29C2RH03	# A3 VIBRATING DISTRIBUTOR - Inspection And Repairs(Slings,Shackles,Eye Bolts Etc)	22.5 hrs	16/10/21 09:45	18/10/21 11:15	2262	2294
2279			Make Out Permit	0.25 hrs	16/10/21 09:45	16/10/21 10:00		2280
2280			Accept Permit	0.25 hrs	16/10/21 10:00	16/10/21 10:15	2279	2281
2281			Carry Out Risk Assesment	0.25 hrs	16/10/21 10:15	16/10/21 10:30	2280	2282
2282			Loosen Clamps And Remove Torn Rubber Bellows	6 hrs	16/10/21 10:30	16/10/21 17:00	2281	2283
2283			Measure New Rubber Bellows,Cut To Size And Install	5.5 hrs	16/10/21 17:00	17/10/21 11:30	2282	2284
2284			Inspect Front Suspesion Springs,Bow Tie Slings,Eyebolts And Shackles For Wear And Replace If Necessary	2 hrs	17/10/21 11:30	17/10/21 14:00	2283	2285
2285			Inspect Rear Suspension Springs,Slings,Eyebolts And Shackles For Wear And Replace If Necessary	2 hrs	17/10/21 14:00	17/10/21 16:00	2284	2286
2286			Check And Set The Angle Of Inclination Between 4-7 Degrees	2 hrs	17/10/21 16:00	17/10/21 18:00	2285	2287
2287			Check For Cracks On The Tray And Repair Accordinly	1 hr	18/10/21 07:00	18/10/21 08:00	2286	2288
2288			Loosen And Remove The Back Cover For The Coil	1 hr	18/10/21 08:00	18/10/21 09:00	2287	2289
2289			Check The Springs For The Coil And Replace If Necessary	1 hr	18/10/21 09:00	18/10/21 10:00	2288	2290
2290			Replace The Back Cover And Secure	0.5 hrs	18/10/21 10:00	18/10/21 10:30	2289	2291
2291			Carry Out House Keeping	0.25 hrs	18/10/21 10:30	18/10/21 10:45	2290	2292
2292			Sign Of The Permit	0.25 hrs	18/10/21 10:45	18/10/21 11:00	2291	2293
2293			Clear Permit	0.25 hrs	18/10/21 11:00	18/10/21 11:15	2292	
2294		29C2RH04	# A4 VIBRATING DISTRIBUTOR - Inspection And Repairs(Slings,Shackles,Eye Bolts Etc)	22.5 hrs	18/10/21 11:15	20/10/21 13:15	2278	2310
2295			Make Out Permit	0.25 hrs	18/10/21 11:15	18/10/21 11:30		2296
2296			Accept Permit	0.25 hrs	18/10/21 11:30	18/10/21 11:45	2295	2297
2297			Carry Out Risk Assesment	0.25 hrs	18/10/21 11:45	18/10/21 12:00	2296	2298
2298			Loosen Clamps And Remove Torn Rubber Bellows	6 hrs	18/10/21 12:30	19/10/21 07:30	2297	2299
2299			Measure New Rubber Bellows,Cut To Size And Install	5.5 hrs	19/10/21 07:30	19/10/21 13:30	2298	2300
2300			Inspect Front Suspesion Springs,Bow Tie Slings,Eyebolts And Shackles For Wear And Replace If Necessary	2 hrs	19/10/21 13:30	19/10/21 15:30	2299	2301
2301			Inspect Rear Suspension Springs,Slings,Eyebolts And Shackles For Wear And Replace If Necessary	2 hrs	19/10/21 15:30	19/10/21 17:30	2300	2302

ID	Task Mode	Asset Code	Task Name	Duration	Start	Finish	Predecessors	Successor
2302			Check And Set The Angle Of Inclination Between 4-7 Degrees	2 hrs	19/10/21 17:30	20/10/21 08:30	2301	2303
2303			Check For Cracks On The Tray And Repair Accordinly	1 hr	20/10/21 08:30	20/10/21 09:30	2302	2304
2304			Loosen And Remove The Back Cover For The Coil	1 hr	20/10/21 09:30	20/10/21 10:30	2303	2305
2305			Check The Springs For The Coil And Replace If Necessary	1 hr	20/10/21 10:30	20/10/21 11:30	2304	2306
2306			Replace The Back Cover And Secure	0.5 hrs	20/10/21 11:30	20/10/21 12:00	2305	2307
2307			Carry Out House Keeping	0.25 hrs	20/10/21 12:30	20/10/21 12:45	2306	2308
2308			Sign Of The Permit	0.25 hrs	20/10/21 12:45	20/10/21 13:00	2307	2309
2309			Clear Permit	0.25 hrs	20/10/21 13:00	20/10/21 13:15	2308	
2310		29C2RM01	# A1 STAR FEEDER - Carry Out Inspection And Service	17.75 hrs	20/10/21 13:15	22/10/21 09:30	2294	2335
2311			Rm01 Star Feeder-Inspection	6 hrs	20/10/21 13:15	21/10/21 08:15		2312
2312			Make Out Permit	0.25 hrs	21/10/21 08:15	21/10/21 08:30	2311	2313
2313			Accept Permit	0.25 hrs	21/10/21 08:30	21/10/21 08:45	2312	2314
2314			Carry Out Risk Assesment	0.25 hrs	21/10/21 08:45	21/10/21 09:00	2313	2315
2315			Remove Guards For The Drive Chain	0.5 hrs	21/10/21 09:00	21/10/21 09:30	2314	2316
2316			Loosen Mounting Bolts For The Geared Unit	0.5 hrs	21/10/21 09:30	21/10/21 10:00	2315	2317
2317			Slack The Drive And Remove It	0.5 hrs	21/10/21 10:00	21/10/21 10:30	2316	2318
2318			Clean The Drive Chain And Sprockets With Csd And Wire Brush	0.5 hrs	21/10/21 10:30	21/10/21 11:00	2317	2319
2319			Check The Drive Chain For Evidence Of Wear And Flexibility	0.25 hrs	21/10/21 11:00	21/10/21 11:15	2318	2320
2320			Check The Drive Chain For Enlongation(Stretch Should Not Be Greater Than 3% Of Its Original Length	0.25 hrs	21/10/21 11:15	21/10/21 11:30	2319	2321
2321			Inspect For Physical Damage Such As,Cracks,Loose Pins Or Bushings And Corrosion	0.25 hrs	21/10/21 11:30	21/10/21 11:45	2320	2322
2322			Inspect Sprockets For Wear On The Sides Indicating Possible Alignment Problem	0.25 hrs	21/10/21 11:45	21/10/21 12:00	2321	2323
2323			Check The Teeth For Signs Of Normal Wear Indicated By Hooked Shapes	0.25 hrs	21/10/21 12:30	21/10/21 12:45	2322	2324
2324			Check Sprockets Physical Damage Such As Brocken Or Chipped Teeth	0.25 hrs	21/10/21 12:45	21/10/21 13:00	2323	2325
2325			De Isolate,Switch On And Repeat Step No 6,7,8,9,10,11,12&13 Until Completion Of The Task	3.75 hrs	21/10/21 13:00	21/10/21 16:45	2324	2326
2326			Check The Sprocket Run Out On The Shaft And Inspect The Key And Key Ways For Wear And Damage	0.25 hrs	21/10/21 16:45	21/10/21 17:00	2325	2327
2327			Replace With New Parts If Necessary Or Re Install The Drive Chain And Align Sprockets	1 hr	21/10/21 17:00	21/10/21 18:00	2326	2328
2328			Tension To The Correct Force And Deflection	0.5 hrs	22/10/21 07:00	22/10/21 07:30	2327	2329
2329			Lubricate Drive Chain With 601&715 Lubricant	0.25 hrs	22/10/21 07:30	22/10/21 07:45	2328	2330
2330			Inspect All The Flange Bearings,Grease Or Replace Where Necessary	0.5 hrs	22/10/21 07:45	22/10/21 08:15	2329	2331
2331			Replace Guard And Secure	0.5 hrs	22/10/21 08:15	22/10/21 08:45	2330	2332
2332			Carry Out Housekeeping	0.25 hrs	22/10/21 08:45	22/10/21 09:00	2331	2333
2333			Sign Off Permit	0.25 hrs	22/10/21 09:00	22/10/21 09:15	2332	2334
2334			Clear Permit	0.25 hrs	22/10/21 09:15	22/10/21 09:30	2333	
2335		29C2RM03	# A2 STAR FEEDER - Carry Out Inspection And Service	11.75 hrs	22/10/21 09:30	23/10/21 10:45	2310	2359
2336			Make Out Permit	0.25 hrs	22/10/21 09:30	22/10/21 09:45		2337
2337			Accept Permit	0.25 hrs	22/10/21 09:45	22/10/21 10:00	2336	2338
2338			Carry Out Risk Assesment	0.25 hrs	22/10/21 10:00	22/10/21 10:15	2337	2339
2339			Remove Guards For The Drive Chain	0.5 hrs	22/10/21 10:15	22/10/21 10:45	2338	2340
2340			Loosen Mounting Bolts For The Geared Unit	0.5 hrs	22/10/21 10:45	22/10/21 11:15	2339	2341
2341			Slack The Drive And Remove It	0.5 hrs	22/10/21 11:15	22/10/21 11:45	2340	2342
2342			Clean The Drive Chain And Sprockets With Csd And Wire Brush	0.5 hrs	22/10/21 11:45	22/10/21 12:45	2341	2343
2343			Check The Drive Chain For Evidence Of Wear And Flexibility	0.25 hrs	22/10/21 12:45	22/10/21 13:00	2342	2344
2344			Check The Drive Chain For Enlongation(Stretch Should Not Be Greater Than 3% Of Its Original Length	0.25 hrs	22/10/21 13:00	22/10/21 13:15	2343	2345
2345			Inspect For Physical Damage Such As,Cracks,Loose Pins Or Bushings And Corrosion	0.25 hrs	22/10/21 13:15	22/10/21 13:30	2344	2346
2346			Inspect Sprockets For Wear On The Sides Indicating Possible Alignment Problem	0.25 hrs	22/10/21 13:30	22/10/21 13:45	2345	2347
2347			Check The Teeth For Signs Of Normal Wear Indicated By Hooked Shapes	0.25 hrs	22/10/21 13:45	22/10/21 14:00	2346	2348
2348			Check Sprockets Physical Damage Such As Brocken Or Chipped Teeth	0.25 hrs	22/10/21 14:00	22/10/21 14:15	2347	2349
2349			De Isolate,Switch On And Repeat Step No 6,7,8,9,10,11,12&13 Until Completion Of The Task	3.75 hrs	22/10/21 14:15	22/10/21 18:00	2348	2350

ID	Task Mode	Asset Code	Task Name	Duration	Start	Finish	Predecessor	Successor
2350			Check The Sprocket Run Out On The Shaft And Inspect The Key And Key Ways For Wear And Damage	0.25 hrs	23/10/21 07:00	23/10/21 07:15	2349	2351
2351			Replace With New Parts If Necessary Or Re Install The Drive Chain And Align Sprockets	1 hr	23/10/21 07:15	23/10/21 08:15	2350	2352
2352			Tension To The Correct Force And Deflection	0.5 hrs	23/10/21 08:15	23/10/21 08:45	2351	2353
2353			Lubricate Drive Chain With 601&715 Lubricant	0.25 hrs	23/10/21 08:45	23/10/21 09:00	2352	2354
2354			Inspect All The Flange Bearings,Grease Or Replace Where Necessary	0.5 hrs	23/10/21 09:00	23/10/21 09:30	2353	2355
2355			Replace Guard And Secure	0.5 hrs	23/10/21 09:30	23/10/21 10:00	2354	2356
2356			Carry Out Housekeeping	0.25 hrs	23/10/21 10:00	23/10/21 10:15	2355	2357
2357			Sign Off Permit	0.25 hrs	23/10/21 10:15	23/10/21 10:30	2356	2358
2358			Clear Permit	0.25 hrs	23/10/21 10:30	23/10/21 10:45	2357	
2359		29C2RE02	# A2 BELT CONVEYOR - Replace And Perform Hot Splice	15.5 hrs	23/10/21 10:45	24/10/21 16:15	2335	
2360			Make Out Permit	0.25 hrs	23/10/21 10:45	23/10/21 11:00		2361
2361			Accept Permit	0.25 hrs	23/10/21 11:00	23/10/21 11:15	2360	2362
2362			Carry Out Risk Assesment	0.25 hrs	23/10/21 11:15	23/10/21 11:30	2361	2363
2363			Remove The Guards	0.5 hrs	23/10/21 11:30	23/10/21 12:00	2362	2364
2364			Slack The Conveyor Until The Slack Is Complete	0.5 hrs	23/10/21 12:30	23/10/21 13:00	2363	2365
2365			Cut The Old Conveyor And Join One End To The New Conveyor(Ensure The Position Of The Conveyor Is Correct)	0.5 hrs	23/10/21 13:00	23/10/21 13:30	2364	2366
2366			Pull Out The Old Conveyor To Install The New Conveyor During The Process Until The Correct Length Has Been Installed	1 hr	23/10/21 13:30	23/10/21 14:30	2365	2367
2367			Remove The Fasteners And Roll The Old Conveyor Nicely.	0.5 hrs	23/10/21 14:30	23/10/21 15:00	2366	2368
2368			Remove Idler Frames To Position The Splicing Machine	0.5 hrs	23/10/21 15:00	23/10/21 15:30	2367	2369
2369			Replace All Defective Idlers	1 hr	23/10/21 15:30	23/10/21 16:30	2368	2370
2370			Perform Hot Splicing	3 hrs	23/10/21 16:30	24/10/21 08:30	2369	2371
2371			Open Plummer Blocks,Clean Old Grease,Inspect Bearings And Repack With New Grease Or Replace If Necessary	2 hrs	24/10/21 08:30	24/10/21 10:30	2370	2372
2372			Inspect Lagging On The Pulleys And Replace If Necessary	0.5 hrs	24/10/21 10:30	24/10/21 11:00	2371	2373
2373			Replace Idler Frames After Splicing Is Done	0.5 hrs	24/10/21 11:00	24/10/21 11:30	2372	2374
2374			Tension The Conveyor	0.5 hrs	24/10/21 11:30	24/10/21 12:00	2373	2375
2375			Check The Condition Of The Scraper And Adjust Or Replace If Necessary	0.5 hrs	24/10/21 12:30	24/10/21 13:00	2374	2376
2376			Check The Condition Of The Skirting And Adjust Accordingly	0.5 hrs	24/10/21 13:00	24/10/21 13:30	2375	2377
2377			Clear The Permit And Obtain Test Run Permit	0.5 hrs	24/10/21 13:30	24/10/21 14:00	2376	2378
2378			Run The Conveyor And Track It	1 hr	24/10/21 14:00	24/10/21 15:00	2377	2379
2379			Sign Off The Test Run Permit And Isolate The Conveyor	0.25 hrs	24/10/21 15:00	24/10/21 15:15	2378	2380
2380			Obtain A Permit To Work And Replace Guards	0.5 hrs	24/10/21 15:15	24/10/21 15:45	2379	2381
2381			Carry Out Housekeeping	0.25 hrs	24/10/21 15:45	24/10/21 16:00	2380	2382
2382			Clear Permit	0.25 hrs	24/10/21 16:00	24/10/21 16:15	2381	
2383		29C2RF01	# A1 CHAIN CONVEYOR - Thorough Inspection And Repairs	14.25 hrs	12/10/21 21:45	14/10/21 10:45	763	
2384			Make Out Permit	0.25 hrs	12/10/21 21:45	12/10/21 22:00		2385
2385			Accept Permit	0.25 hrs	13/10/21 07:00	13/10/21 07:15	2384	2386
2386			Carry Out Risk Assesment	0.25 hrs	13/10/21 07:15	13/10/21 07:30	2385	2387
2387			Loosen And Remove Top Covers To Access Chain Links	0.5 hrs	13/10/21 07:30	13/10/21 08:00	2386	2388
2388			Run The Chain To Identify Damaged Links And Mark Them	0.5 hrs	13/10/21 08:00	13/10/21 08:30	2387	2389
2389			Run The Chain To Position The Flights That Are To Be Removed	0.5 hrs	13/10/21 08:30	13/10/21 09:00	2388	2390
2390			Isolate The Chain And Lock It, (Local Isolation)	0.25 hrs	13/10/21 09:00	13/10/21 09:15	2389	2391
2391			Slack The Chain	0.5 hrs	13/10/21 09:15	13/10/21 09:45	2390	2392
2392			Check For Cracks Link By Lin Using Dye Penetrant Method	0.5 hrs	13/10/21 09:45	13/10/21 10:15	2391	2393
2393			Remove The Locking Circlip,Knock Out The Pin And Remove The Damaged Link	0.5 hrs	13/10/21 10:15	13/10/21 10:45	2392	2394
2394			Position The New Link,Connect It With A Pin And Lock It With A Circlip	0.5 hrs	13/10/21 10:45	13/10/21 11:15	2393	2395
2395			Tension The Drag Chain	0.5 hrs	13/10/21 11:15	13/10/21 11:45	2394	2396
2396			De Isolate,Switch On And Repeat Step No 6,7,8,9,10,11,&12 Until Completion Of The Task	3.25 hrs	13/10/21 11:45	13/10/21 15:30	2395	2397
2397			Apply Sealant And Close The Top Covers	1 hr	13/10/21 15:30	13/10/21 16:30	2396	2398

ID	Task Mode	Asset Code	Task Name	Duration	Start	Finish	Predecessors	Successor
2398			Open Plummer Blocks And Clean Old Grease	1 hr	13/10/21 16:30	13/10/21 17:30	2397	2399
2399			Inspect The Bearings And Pack With New Grease Or Change If Necessary	1 hr	13/10/21 17:30	14/10/21 07:30	2398	2400
2400			Loosen And Remove The Guard For The Drive Unit	0.5 hrs	14/10/21 07:30	14/10/21 08:00	2399	2401
2401			Slack The V Belts And Replace With New Spb 1900X3	1 hr	14/10/21 08:00	14/10/21 09:00	2400	2402
2402			Tension To The Correct Force And Deflection	0.5 hrs	14/10/21 09:00	14/10/21 09:30	2401	2403
2403			Replace Guard And Secure	0.5 hrs	14/10/21 09:30	14/10/21 10:00	2402	2404
2404			Carry Out Housekeeping	0.25 hrs	14/10/21 10:00	14/10/21 10:15	2403	2405
2405			Sign Off The Permit	0.25 hrs	14/10/21 10:15	14/10/21 10:30	2404	2406
2406			Clear Permit	0.25 hrs	14/10/21 10:30	14/10/21 10:45	2405	
2407		29C2RP01	# A1 BUCKET ELEVATOR - Inspection And Ndt	15.5 hrs	12/10/21 04:30	13/10/21 12:00	1531	2433
2408			Make Out Permit	0.25 hrs	12/10/21 04:30	12/10/21 04:45		2409
2409			Accept Permit	0.25 hrs	12/10/21 07:00	12/10/21 07:15	2408	2410
2410			Carry Out Risk Assessment	0.25 hrs	12/10/21 07:15	12/10/21 07:30	2409	2411
2411			Open The Inspection Doors	0.5 hrs	12/10/21 07:30	12/10/21 08:00	2410	2412
2412			Run The Chain To Identify Damaged Links,Buckets And Mark Them	0.5 hrs	12/10/21 08:00	12/10/21 08:30	2411	2413
2413			Run The Chain To Position The Buckets That Are To Be Removed	0.5 hrs	12/10/21 08:30	12/10/21 09:00	2412	2414
2414			Isolate The Bucket Elevator And Lock It, (Local Isolation)	0.25 hrs	12/10/21 09:00	12/10/21 09:15	2413	2415
2415			Check For Cracks Link By Lin Using Dye Penetrant Method	0.5 hrs	12/10/21 09:15	12/10/21 09:45	2414	2416
2416			Secure The Elevator Using Latching	0.5 hrs	12/10/21 09:45	12/10/21 10:15	2415	2417
2417			Remove The Locking Circlip,Knock Out The Pin And Remove The Damaged Link	0.5 hrs	12/10/21 10:15	12/10/21 10:45	2416	2418
2418			Position The New Link,Connect It With A Pin And Lock It With A Circlip	0.5 hrs	12/10/21 10:45	12/10/21 11:15	2417	2419
2419			Replace Damaged Buckets	0.5 hrs	12/10/21 11:15	12/10/21 11:45	2418	2420
2420			Remove Latching	0.5 hrs	12/10/21 11:45	12/10/21 12:45	2419	2421
2421			De Isolate,Switch On And Repeat Step No 6,7,8,9,10,11,12&13 Until Completion Of The Task	3.75 hrs	12/10/21 12:45	12/10/21 16:30	2420	2422
2422			Apply Sealant And Close The Doors	1 hr	12/10/21 16:30	12/10/21 17:30	2421	2423
2423			Open Plummer Blocks And Clean Old Grease	1 hr	12/10/21 17:30	13/10/21 07:30	2422	2424
2424			Inspect The Bearings And Pack With New Grease Or Change If Necessary	1 hr	13/10/21 07:30	13/10/21 08:30	2423	2425
2425			Loosen And Remove The Guard For The Drive Unit	0.5 hrs	13/10/21 08:30	13/10/21 09:00	2424	2426
2426			Slack The V Belts And Replace With New Spb 1590X3	1 hr	13/10/21 09:00	13/10/21 10:00	2425	2427
2427			Tension To The Correct Force And Deflection	0.5 hrs	13/10/21 10:00	13/10/21 10:30	2426	2428
2428			Replace Guard And Secure	0.5 hrs	13/10/21 10:30	13/10/21 11:00	2427	2429
2429			Drain Gearbox Oil And Refill With New Gengear 220	0.25 hrs	13/10/21 11:00	13/10/21 11:15	2428	2430
2430			Carry Out Housekeeping	0.25 hrs	13/10/21 11:15	13/10/21 11:30	2429	2431
2431			Sign Off Permit	0.25 hrs	13/10/21 11:30	13/10/21 11:45	2430	2432
2432			Clear Permit	0.25 hrs	13/10/21 11:45	13/10/21 12:00	2431	
2433		29C2RP02	# A2 BUCKET ELEVATOR - Inspection And Ndt	15.5 hrs	13/10/21 12:00	14/10/21 17:30	2407	2459
2434			Make Out Permit	0.25 hrs	13/10/21 12:00	13/10/21 12:15		2435
2435			Accept Permit	0.25 hrs	13/10/21 12:30	13/10/21 12:45	2434	2436
2436			Carry Out Risk Assessment	0.25 hrs	13/10/21 12:45	13/10/21 13:00	2435	2437
2437			Open The Inspection Doors	0.5 hrs	13/10/21 13:00	13/10/21 13:30	2436	2438
2438			Run The Chain To Identify Damaged Links,Buckets And Mark Them	0.5 hrs	13/10/21 13:30	13/10/21 14:00	2437	2439
2439			Run The Chain To Position The Buckets That Are To Be Removed	0.5 hrs	13/10/21 14:00	13/10/21 14:30	2438	2440
2440			Isolate The Bucket Elevator And Lock It, (Local Isolation)	0.25 hrs	13/10/21 14:30	13/10/21 14:45	2439	2441
2441			Check For Cracks Link By Lin Using Dye Penetrant Method	0.5 hrs	13/10/21 14:45	13/10/21 15:15	2440	2442
2442			Secure The Elevator Using Latching	0.5 hrs	13/10/21 15:15	13/10/21 15:45	2441	2443
2443			Remove The Locking Circlip,Knock Out The Pin And Remove The Damaged Link	0.5 hrs	13/10/21 15:45	13/10/21 16:15	2442	2444
2444			Position The New Link,Connect It With A Pin And Lock It With A Circlip	0.5 hrs	13/10/21 16:15	13/10/21 16:45	2443	2445
2445			Replace Damaged Buckets	0.5 hrs	13/10/21 16:45	13/10/21 17:15	2444	2446

ID	Task Mode	Asset Code	Task Name	Duration	Start	Finish	Predecessors	Successor
2446			Remove Latching	0.5 hrs	13/10/21 17:15	13/10/21 17:45	2445	2447
2447			De Isolate,Switch On And Repeat Step No 6,7,8,9,10,11,12&13 Until Completion Of The Task	3.75 hrs	13/10/21 17:45	14/10/21 10:30	2446	2448
2448			Apply Sealant And Close The Doors	1 hr	14/10/21 10:30	14/10/21 11:30	2447	2449
2449			Open Plummer Blocks And Clean Old Grease	1 hr	14/10/21 11:30	14/10/21 13:00	2448	2450
2450			Inspect The Bearings And Pack With New Grease Or Change If Necessary	1 hr	14/10/21 13:00	14/10/21 14:00	2449	2451
2451			Loosen And Remove The Guard For The Drive Unit	0.5 hrs	14/10/21 14:00	14/10/21 14:30	2450	2452
2452			Slack The V Belts And Replace With New Spb 1590X3	1 hr	14/10/21 14:30	14/10/21 15:30	2451	2453
2453			Tension To The Correct Force And Deflection	0.5 hrs	14/10/21 15:30	14/10/21 16:00	2452	2454
2454			Replace Guard And Secure	0.5 hrs	14/10/21 16:00	14/10/21 16:30	2453	2455
2455			Drain Gearbox Oil And Refill With New Gengear 220	0.25 hrs	14/10/21 16:30	14/10/21 16:45	2454	2456
2456			Carry Out Housekeeping	0.25 hrs	14/10/21 16:45	14/10/21 17:00	2455	2457
2457			Sign Off Permit	0.25 hrs	14/10/21 17:00	14/10/21 17:15	2456	2458
2458			Clear Permit	0.25 hrs	14/10/21 17:15	14/10/21 17:30	2457	
2459		29C2RF02	# A2 CHAIN CONVEYOR - Thorough Inspection And Repairs	14.5 hrs	14/10/21 17:30	16/10/21 10:30	2433	2483
2460			Make Out Permit	0.25 hrs	14/10/21 17:30	14/10/21 17:45		2461
2461			Accept Permit	0.25 hrs	14/10/21 17:45	14/10/21 18:00	2460	2462
2462			Carry Out Risk Assesment	0.25 hrs	15/10/21 07:00	15/10/21 07:15	2461	2463
2463			Loosen And Remove Top Covers To Access Chain Links	0.5 hrs	15/10/21 07:15	15/10/21 07:45	2462	2464
2464			Run The Chain To Identify Damaged Links And Mark Them	0.5 hrs	15/10/21 07:45	15/10/21 08:15	2463	2465
2465			Run The Chain To Position The Flights That Are To Be Removed	0.5 hrs	15/10/21 08:15	15/10/21 08:45	2464	2466
2466			Isolate The Chain And Lock It, (Local Isolation)	0.25 hrs	15/10/21 08:45	15/10/21 09:00	2465	2467
2467			Slack The Chain	0.5 hrs	15/10/21 09:00	15/10/21 09:30	2466	2468
2468			Check For Cracks Link By Lin Using Dye Penetrant Method	0.5 hrs	15/10/21 09:30	15/10/21 10:00	2467	2469
2469			Remove The Locking Circlip,Knock Out The Pin And Remove The Damaged Link	0.5 hrs	15/10/21 10:00	15/10/21 10:30	2468	2470
2470			Position The New Link,Connect It With A Pin And Lock It With A Circlip	0.5 hrs	15/10/21 10:30	15/10/21 11:00	2469	2471
2471			Tension The Drag Chain	0.5 hrs	15/10/21 11:00	15/10/21 11:30	2470	2472
2472			De Isolate,Switch On And Repeat Step No 6,7,8,9,10,11,&12 Until Completion Of The Task	3.25 hrs	15/10/21 11:30	15/10/21 15:15	2471	2473
2473			Apply Sealant And Close The Top Covers	1 hr	15/10/21 15:15	15/10/21 16:15	2472	2474
2474			Open Plummer Blocks And Clean Old Grease	1 hr	15/10/21 16:15	15/10/21 17:15	2473	2475
2475			Inspect The Bearings And Pack With New Grease Or Change If Necessary	1 hr	15/10/21 17:15	16/10/21 07:15	2474	2476
2476			Loosen And Remove The Guard For The Drive Unit	0.5 hrs	16/10/21 07:15	16/10/21 07:45	2475	2477
2477			Slack The V Belts And Replace With New Spb 1900X3	1 hr	16/10/21 07:45	16/10/21 08:45	2476	2478
2478			Tension To The Correct Force And Deflection	0.5 hrs	16/10/21 08:45	16/10/21 09:15	2477	2479
2479			Replace Guard And Secure	0.5 hrs	16/10/21 09:15	16/10/21 09:45	2478	2480
2480			Carry Out Housekeeping	0.25 hrs	16/10/21 09:45	16/10/21 10:00	2479	2481
2481			Sign Off The Permit	0.25 hrs	16/10/21 10:00	16/10/21 10:15	2480	2482
2482			Clear Permit	0.25 hrs	16/10/21 10:15	16/10/21 10:30	2481	
2483		29C2RF03	# A3 CHAIN CONVEYOR - Thorough Inspection And Repairs	14.5 hrs	16/10/21 10:30	17/10/21 15:00	2459	2507
2484			Make Out Permit	0.25 hrs	16/10/21 10:30	16/10/21 10:45		2485
2485			Accept Permit	0.25 hrs	16/10/21 10:45	16/10/21 11:00	2484	2486
2486			Carry Out Risk Assesment	0.25 hrs	16/10/21 11:00	16/10/21 11:15	2485	2487
2487			Loosen And Remove Top Covers To Access Chain Links	0.5 hrs	16/10/21 11:15	16/10/21 11:45	2486	2488
2488			Run The Chain To Identify Damaged Links And Mark Them	0.5 hrs	16/10/21 11:45	16/10/21 12:45	2487	2489
2489			Run The Chain To Position The Flights That Are To Be Removed	0.5 hrs	16/10/21 12:45	16/10/21 13:15	2488	2490
2490			Isolate The Chain And Lock It, (Local Isolation)	0.25 hrs	16/10/21 13:15	16/10/21 13:30	2489	2491
2491			Slack The Chain	0.5 hrs	16/10/21 13:30	16/10/21 14:00	2490	2492
2492			Check For Cracks Link By Lin Using Dye Penetrant Method	0.5 hrs	16/10/21 14:00	16/10/21 14:30	2491	2493
2493			Remove The Locking Circlip,Knock Out The Pin And Remove The Damaged Link	0.5 hrs	16/10/21 14:30	16/10/21 15:00	2492	2494

ID	Task Mode	Asset Code	Task Name	Duration	Start	Finish	Predecessors	Successor
2494			Position The New Link,Connect It With A Pin And Lock It With A Circlip	0.5 hrs	16/10/21 15:00	16/10/21 15:30	2493	2495
2495			Tension The Drag Chain	0.5 hrs	16/10/21 15:30	16/10/21 16:00	2494	2496
2496			De Isolate,Switch On And Repeat Step No 6,7,8,9,10,11,&12 Until Completion Of The Task	3.25 hrs	16/10/21 16:00	17/10/21 08:15	2495	2497
2497			Apply Sealant And Close The Top Covers	1 hr	17/10/21 08:15	17/10/21 09:15	2496	2498
2498			Open Plummer Blocks And Clean Old Grease	1 hr	17/10/21 09:15	17/10/21 10:15	2497	2499
2499			Inspect The Bearings And Pack With New Grease Or Change If Necessary	1 hr	17/10/21 10:15	17/10/21 11:15	2498	2500
2500			Loosen And Remove The Guard For The Drive Unit	0.5 hrs	17/10/21 11:15	17/10/21 11:45	2499	2501
2501			Slack The V Belts And Replace With New Spb 1900X3	1 hr	17/10/21 11:45	17/10/21 13:15	2500	2502
2502			Tension To The Correct Force And Deflection	0.5 hrs	17/10/21 13:15	17/10/21 13:45	2501	2503
2503			Replace Guard And Secure	0.5 hrs	17/10/21 13:45	17/10/21 14:15	2502	2504
2504			Carry Out Housekeeping	0.25 hrs	17/10/21 14:15	17/10/21 14:30	2503	2505
2505			Sign Off The Permit	0.25 hrs	17/10/21 14:30	17/10/21 14:45	2504	2506
2506			Clear Permit	0.25 hrs	17/10/21 14:45	17/10/21 15:00	2505	
2507		29C2RF08	# A7 CHAIN CONVEYOR - Thorough Inspection And Repairs	14.5 hrs	17/10/21 15:00	19/10/21 08:00	2483	2531
2508			Make Out Permit	0.25 hrs	17/10/21 15:00	17/10/21 15:15		2509
2509			Accept Permit	0.25 hrs	17/10/21 15:15	17/10/21 15:30	2508	2510
2510			Carry Out Risk Assesment	0.25 hrs	17/10/21 15:30	17/10/21 15:45	2509	2511
2511			Loosen And Remove Top Covers To Access Chain Links	0.5 hrs	17/10/21 15:45	17/10/21 16:15	2510	2512
2512			Run The Chain To Identify Damaged Links And Mark Them	0.5 hrs	17/10/21 16:15	17/10/21 16:45	2511	2513
2513			Run The Chain To Position The Flights That Are To Be Removed	0.5 hrs	17/10/21 16:45	17/10/21 17:15	2512	2514
2514			Isolate The Chain And Lock It, (Local Isolation)	0.25 hrs	17/10/21 17:15	17/10/21 17:30	2513	2515
2515			Slack The Chain	0.5 hrs	17/10/21 17:30	17/10/21 18:00	2514	2516
2516			Check For Cracks Link By Lin Using Dye Penetrant Method	0.5 hrs	18/10/21 07:00	18/10/21 07:30	2515	2517
2517			Remove The Locking Circlip,Knock Out The Pin And Remove The Damaged Link	0.5 hrs	18/10/21 07:30	18/10/21 08:00	2516	2518
2518			Position The New Link,Connect It With A Pin And Lock It With A Circlip	0.5 hrs	18/10/21 08:00	18/10/21 08:30	2517	2519
2519			Tension The Drag Chain	0.5 hrs	18/10/21 08:30	18/10/21 09:00	2518	2520
2520			De Isolate,Switch On And Repeat Step No 6,7,8,9,10,11,&12 Until Completion Of The Task	3.25 hrs	18/10/21 09:00	18/10/21 12:45	2519	2521
2521			Apply Sealant And Close The Top Covers	1 hr	18/10/21 12:45	18/10/21 13:45	2520	2522
2522			Open Plummer Blocks And Clean Old Grease	1 hr	18/10/21 13:45	18/10/21 14:45	2521	2523
2523			Inspect The Bearings And Pack With New Grease Or Change If Necessary	1 hr	18/10/21 14:45	18/10/21 15:45	2522	2524
2524			Loosen And Remove The Guard For The Drive Unit	0.5 hrs	18/10/21 15:45	18/10/21 16:15	2523	2525
2525			Slack The V Belts And Replace With New Spb 1900X3	1 hr	18/10/21 16:15	18/10/21 17:15	2524	2526
2526			Tension To The Correct Force And Deflection	0.5 hrs	18/10/21 17:15	18/10/21 17:45	2525	2527
2527			Replace Guard And Secure	0.5 hrs	18/10/21 17:45	19/10/21 07:15	2526	2528
2528			Carry Out Housekeeping	0.25 hrs	19/10/21 07:15	19/10/21 07:30	2527	2529
2529			Sign Off The Permit	0.25 hrs	19/10/21 07:30	19/10/21 07:45	2528	2530
2530			Clear Permit	0.25 hrs	19/10/21 07:45	19/10/21 08:00	2529	
2531		29C2RF07	# A SHUTTLE CONVEYOR - Thorough Inspection And Repairs	19.5 hrs	19/10/21 08:00	20/10/21 17:30	2507	2555
2532			Make Out Permit	0.25 hrs	19/10/21 08:00	19/10/21 08:15		2533
2533			Accept Permit	0.25 hrs	19/10/21 08:15	19/10/21 08:30	2532	2534
2534			Carry Out Risk Assesment	0.25 hrs	19/10/21 08:30	19/10/21 08:45	2533	2535
2535			Loosen And Remove Top Covers To Access Chain Links	1.5 hrs	19/10/21 08:45	19/10/21 10:15	2534	2536
2536			Run The Chain To Identify Damaged Links And Mark Them	1 hr	19/10/21 10:15	19/10/21 11:15	2535	2537
2537			Run The Chain To Position The Flights That Are To Be Removed	0.5 hrs	19/10/21 11:15	19/10/21 11:45	2536	2538
2538			Isolate The Chain And Lock It, (Local Isolation)	0.25 hrs	19/10/21 11:45	19/10/21 12:00	2537	2539
2539			Slack The Chain	0.5 hrs	19/10/21 12:30	19/10/21 13:00	2538	2540
2540			Check For Cracks Link By Lin Using Dye Penetrant Method	1 hr	19/10/21 13:00	19/10/21 14:00	2539	2541
2541			Remove The Locking Circlip,Knock Out The Pin And Remove The Damaged Link	2 hrs	19/10/21 14:00	19/10/21 16:00	2540	2542

ID	Task Mode	Asset Code	Task Name	Duration	Start	Finish	Predecessors	Successor
2542			Position The New Link,Connect It With A Pin And Lock It With A Circlip	2 hrs	19/10/21 16:00	19/10/21 18:00	2541	2543
2543			Tension The Drag Chain	0.5 hrs	20/10/21 07:00	20/10/21 07:30	2542	2544
2544			De Isolate,Switch On And Repeat Step No 6,7,8,9,10,11,&12 Until Completion Of The Task	3.25 hrs	20/10/21 07:30	20/10/21 10:45	2543	2545
2545			Apply Sealant And Close The Top Covers	1 hr	20/10/21 10:45	20/10/21 11:45	2544	2546
2546			Open Plummer Blocks And Clean Old Grease	1 hr	20/10/21 11:45	20/10/21 13:15	2545	2547
2547			Inspect The Bearings And Pack With New Grease Or Change If Necessary	1 hr	20/10/21 13:15	20/10/21 14:15	2546	2548
2548			Loosen And Remove The Guard For The Drive Unit	0.5 hrs	20/10/21 14:15	20/10/21 14:45	2547	2549
2549			Inspect the drive chain and lubricate	1 hr	20/10/21 14:45	20/10/21 15:45	2548	2550
2550			Adjust To The Correct Force And slack	0.5 hrs	20/10/21 15:45	20/10/21 16:15	2549	2551
2551			Replace Guard And Secure	0.5 hrs	20/10/21 16:15	20/10/21 16:45	2550	2552
2552			Carry Out Housekeeping	0.25 hrs	20/10/21 16:45	20/10/21 17:00	2551	2553
2553			Sign Off The Permit	0.25 hrs	20/10/21 17:00	20/10/21 17:15	2552	2554
2554			Clear Permit	0.25 hrs	20/10/21 17:15	20/10/21 17:30	2553	
2555		29C2RF05	# A5 CHAIN CONVEYOR - Thorough Inspection And Repairs	14.5 hrs	20/10/21 17:30	22/10/21 10:30	2531	2579
2556			Make Out Permit	0.25 hrs	20/10/21 17:30	20/10/21 17:45		2557
2557			Accept Permit	0.25 hrs	20/10/21 17:45	20/10/21 18:00	2556	2558
2558			Carry Out Risk Assesment	0.25 hrs	21/10/21 07:00	21/10/21 07:15	2557	2559
2559			Loosen And Remove Top Covers To Access Chain Links	0.5 hrs	21/10/21 07:15	21/10/21 07:45	2558	2560
2560			Run The Chain To Identify Damaged Links And Mark Them	0.5 hrs	21/10/21 07:45	21/10/21 08:15	2559	2561
2561			Run The Chain To Position The Flights That Are To Be Removed	0.5 hrs	21/10/21 08:15	21/10/21 08:45	2560	2562
2562			Isolate The Chain And Lock It, (Local Isolation)	0.25 hrs	21/10/21 08:45	21/10/21 09:00	2561	2563
2563			Slack The Chain	0.5 hrs	21/10/21 09:00	21/10/21 09:30	2562	2564
2564			Check For Cracks Link By Lin Using Dye Penetrant Method	0.5 hrs	21/10/21 09:30	21/10/21 10:00	2563	2565
2565			Remove The Locking Circlip,Knock Out The Pin And Remove The Damaged Link	0.5 hrs	21/10/21 10:00	21/10/21 10:30	2564	2566
2566			Position The New Link,Connect It With A Pin And Lock It With A Circlip	0.5 hrs	21/10/21 10:30	21/10/21 11:00	2565	2567
2567			Tension The Drag Chain	0.5 hrs	21/10/21 11:00	21/10/21 11:30	2566	2568
2568			De Isolate,Switch On And Repeat Step No 6,7,8,9,10,11,&12 Until Completion Of The Task	3.25 hrs	21/10/21 11:30	21/10/21 15:15	2567	2569
2569			Apply Sealant And Close The Top Covers	1 hr	21/10/21 15:15	21/10/21 16:15	2568	2570
2570			Open Plummer Blocks And Clean Old Grease	1 hr	21/10/21 16:15	21/10/21 17:15	2569	2571
2571			Inspect The Bearings And Pack With New Grease Or Change If Necessary	1 hr	21/10/21 17:15	22/10/21 07:15	2570	2572
2572			Loosen And Remove The Guard For The Drive Unit	0.5 hrs	22/10/21 07:15	22/10/21 07:45	2571	2573
2573			Slack The V Belts And Replace With New Spb 1900X3	1 hr	22/10/21 07:45	22/10/21 08:45	2572	2574
2574			Tension To The Correct Force And Deflection	0.5 hrs	22/10/21 08:45	22/10/21 09:15	2573	2575
2575			Replace Guard And Secure	0.5 hrs	22/10/21 09:15	22/10/21 09:45	2574	2576
2576			Carry Out Housekeeping	0.25 hrs	22/10/21 09:45	22/10/21 10:00	2575	2577
2577			Sign Off The Permit	0.25 hrs	22/10/21 10:00	22/10/21 10:15	2576	2578
2578			Clear Permit	0.25 hrs	22/10/21 10:15	22/10/21 10:30	2577	
2579		29C2RF06	# A6 CHAIN CONVEYOR - Thorough Inspection And Repairs	14.5 hrs	22/10/21 10:30	23/10/21 15:00	2555	
2580			Make Out Permit	0.25 hrs	22/10/21 10:30	22/10/21 10:45		2581
2581			Accept Permit	0.25 hrs	22/10/21 10:45	22/10/21 11:00	2580	2582
2582			Carry Out Risk Assesment	0.25 hrs	22/10/21 11:00	22/10/21 11:15	2581	2583
2583			Loosen And Remove Top Covers To Access Chain Links	0.5 hrs	22/10/21 11:15	22/10/21 11:45	2582	2584
2584			Run The Chain To Identify Damaged Links And Mark Them	0.5 hrs	22/10/21 11:45	22/10/21 12:45	2583	2585
2585			Run The Chain To Position The Flights That Are To Be Removed	0.5 hrs	22/10/21 12:45	22/10/21 13:15	2584	2586
2586			Isolate The Chain And Lock It, (Local Isolation)	0.25 hrs	22/10/21 13:15	22/10/21 13:30	2585	2587
2587			Slack The Chain	0.5 hrs	22/10/21 13:30	22/10/21 14:00	2586	2588
2588			Check For Cracks Link By Lin Using Dye Penetrant Method	0.5 hrs	22/10/21 14:00	22/10/21 14:30	2587	2589
2589			Remove The Locking Circlip,Knock Out The Pin And Remove The Damaged Link	0.5 hrs	22/10/21 14:30	22/10/21 15:00	2588	2590

ID	Task Mode	Asset Code	Task Name	Duration	Start	Finish	Predecessor	Successor
2590			Position The New Link,Connect It With A Pin And Lock It With A Circlip	0.5 hrs	22/10/21 15:00	22/10/21 15:30	2589	2591
2591			Tension The Drag Chain	0.5 hrs	22/10/21 15:30	22/10/21 16:00	2590	2592
2592			De Isolate,Switch On And Repeat Step No 6,7,8,9,10,11,&12 Until Completion Of The Task	3.25 hrs	22/10/21 16:00	23/10/21 08:15	2591	2593
2593			Apply Sealant And Close The Top Covers	1 hr	23/10/21 08:15	23/10/21 09:15	2592	2594
2594			Open Plummer Blocks And Clean Old Grease	1 hr	23/10/21 09:15	23/10/21 10:15	2593	2595
2595			Inspect The Bearings And Pack With New Grease Or Change If Necessary	1 hr	23/10/21 10:15	23/10/21 11:15	2594	2596
2596			Loosen And Remove The Guard For The Drive Unit	0.5 hrs	23/10/21 11:15	23/10/21 11:45	2595	2597
2597			Slack The V Belts And Replace With New Spb 1900X3	1 hr	23/10/21 11:45	23/10/21 13:15	2596	2598
2598			Tension To The Correct Force And Deflection	0.5 hrs	23/10/21 13:15	23/10/21 13:45	2597	2599
2599			Replace Guard And Secure	0.5 hrs	23/10/21 13:45	23/10/21 14:15	2598	2600
2600			Carry Out Housekeeping	0.25 hrs	23/10/21 14:15	23/10/21 14:30	2599	2601
2601			Sign Off The Permit	0.25 hrs	23/10/21 14:30	23/10/21 14:45	2600	2602
2602			Clear Permit	0.25 hrs	23/10/21 14:45	23/10/21 15:00	2601	
2603		Compaction General	PLANT STRUCTURE - Replace Louvers	8.5 hrs	12/10/21 04:30	12/10/21 16:00	1531	
2604			Make Out Permit	0.25 hrs	12/10/21 04:30	12/10/21 04:45		2605
2605			Accept Permit	0.25 hrs	12/10/21 07:00	12/10/21 07:15	2604	2606
2606			Install Louvers	8 hrs	12/10/21 07:15	12/10/21 15:45	2605	2607
2607			Clear Permit	0.25 hrs	12/10/21 15:45	12/10/21 16:00	2606	
2608		29C2GK01M1&M2	A FEED HOPPER STIRRER - Carry out maintenance on Ash Electrical components	4 hrs	11/10/21 07:00	11/10/21 11:00	1	2622
2609			Make out permit	0.25 hrs	11/10/21 07:00	11/10/21 07:15		2610
2610			Accept permit	0.25 hrs	11/10/21 07:15	11/10/21 07:30	2609	2611
2611			Carry out Ash Electrical isolation	0.25 hrs	11/10/21 07:30	11/10/21 07:45	2610	2612
2612			Check loose connections inside the panel	0.25 hrs	11/10/21 07:45	11/10/21 08:00	2611	2613
2613			Service panel components, VSD & Clear dust	0.25 hrs	11/10/21 08:00	11/10/21 08:15	2612	2614
2614			Service Field Isolator	0.5 hrs	11/10/21 08:15	11/10/21 08:45	2613	2615
2615			Check Motor Fans condition	0.25 hrs	11/10/21 08:45	11/10/21 09:00	2614	2616
2616			Service Feed Hopper Vibrator Motor & panel	0.5 hrs	11/10/21 09:00	11/10/21 09:30	2615	2617
2617			Inspect for possible Gear Box Seal leak	0.25 hrs	11/10/21 09:30	11/10/21 09:45	2616	2618
2618			Tighten Motor connections & Gland integrity	0.5 hrs	11/10/21 09:45	11/10/21 10:15	2617	2619
2619			Seal for Moisture and dust.	0.25 hrs	11/10/21 10:15	11/10/21 10:30	2618	2620
2620			Confirm correct protection settings	0.25 hrs	11/10/21 10:30	11/10/21 10:45	2619	2621
2621			Clear permit	0.25 hrs	11/10/21 10:45	11/10/21 11:00	2620	
2622		29C2RL01	A SCREW FEEDER - Reinstate DCS Amp Reading Carry out maintenance on Ash Electrical components	3 hrs	11/10/21 11:00	11/10/21 14:30	2608	2630
2623			Make out permit	0.25 hrs	11/10/21 11:00	11/10/21 11:15		2624
2624			Accept permit	0.25 hrs	11/10/21 11:15	11/10/21 11:30	2623	2625
2625			Carry out Ash Electrical isolation	0.25 hrs	11/10/21 11:30	11/10/21 11:45	2624	2626
2626			Source Milliamps to confirm Transducer life	0.5 hrs	11/10/21 11:45	11/10/21 12:45	2625	2627
2627			Replace Transducer if necessary.	0.5 hrs	11/10/21 12:45	11/10/21 13:15	2626	2628
2628			Engage Inst(Ash)ument Mech if sourcing fails.	1 hr	11/10/21 13:15	11/10/21 14:15	2627	2629
2629			Clear permit	0.25 hrs	11/10/21 14:15	11/10/21 14:30	2628	
2630		29C2RP01	A1 BUCKET ELEVATOR - Carry out maintenance on Ash Electrical components	3.25 hrs	11/10/21 14:30	11/10/21 17:45	2622	2644
2631			Make out permit	0.25 hrs	11/10/21 14:30	11/10/21 14:45		2632
2632			Accept permit	0.25 hrs	11/10/21 14:45	11/10/21 15:00	2631	2633
2633			Carry out Ash Electrical isolation	0.25 hrs	11/10/21 15:00	11/10/21 15:15	2632	2634
2634			Check loose connections in the panel	0.25 hrs	11/10/21 15:15	11/10/21 15:30	2633	2635
2635			Service panel components & Clear dust	0.25 hrs	11/10/21 15:30	11/10/21 15:45	2634	2636
2636			Service Field isolator	0.25 hrs	11/10/21 15:45	11/10/21 16:00	2635	2637
2637			Check underspeed sensor cable & circuit operation	0.25 hrs	11/10/21 16:00	11/10/21 16:15	2636	2638

ID	Task Mode	Asset Code	Task Name	Duration	Start	Finish	Predecessors	Successor
2638			Clear product build-up between Sensor & Actuators	0.25 hrs	11/10/21 16:15	11/10/21 16:30	2637	2639
2639			Service safe start circuit	0.25 hrs	11/10/21 16:30	11/10/21 16:45	2638	2640
2640			Tighten Motor connections & Gland integrity	0.25 hrs	11/10/21 16:45	11/10/21 17:00	2639	2641
2641			Seal for Moisture and dust.	0.25 hrs	11/10/21 17:00	11/10/21 17:15	2640	2642
2642			Confirm correct protection settings	0.25 hrs	11/10/21 17:15	11/10/21 17:30	2641	2643
2643			Clear permit	0.25 hrs	11/10/21 17:30	11/10/21 17:45	2642	
2644		29C2RP02	A2 BUCKET ELEVATOR - Carry out maintenance on Ash Electrical components	3.25 hrs	11/10/21 17:45	12/10/21 10:00	2630	2658
2645			Make out permit	0.25 hrs	11/10/21 17:45	11/10/21 18:00		2646
2646			Accept permit	0.25 hrs	12/10/21 07:00	12/10/21 07:15	2645	2647
2647			Carry out Ash Electrical isolation	0.25 hrs	12/10/21 07:15	12/10/21 07:30	2646	2648
2648			Check loose connections in the panel	0.25 hrs	12/10/21 07:30	12/10/21 07:45	2647	2649
2649			Service panel components & Clear dust	0.25 hrs	12/10/21 07:45	12/10/21 08:00	2648	2650
2650			Service Field isolator	0.25 hrs	12/10/21 08:00	12/10/21 08:15	2649	2651
2651			Check underspeed sensor cable & circuit operation	0.25 hrs	12/10/21 08:15	12/10/21 08:30	2650	2652
2652			Clear product build-up between Sensor & Actuators	0.25 hrs	12/10/21 08:30	12/10/21 08:45	2651	2653
2653			Service safe start circuit	0.25 hrs	12/10/21 08:45	12/10/21 09:00	2652	2654
2654			Tighten Motor connections & Gland integrity	0.25 hrs	12/10/21 09:00	12/10/21 09:15	2653	2655
2655			Seal for Moisture and dust.	0.25 hrs	12/10/21 09:15	12/10/21 09:30	2654	2656
2656			Confirm correct protection settings	0.25 hrs	12/10/21 09:30	12/10/21 09:45	2655	2657
2657			Clear permit	0.25 hrs	12/10/21 09:45	12/10/21 10:00	2656	
2658		29C2GP01	A COMPACTOR - Carry out maintenance	6.5 hrs	12/10/21 10:00	12/10/21 17:00	2644	2673
2659			Make out permit	0.25 hrs	12/10/21 10:00	12/10/21 10:15		2660
2660			Accept permit	0.25 hrs	12/10/21 10:15	12/10/21 10:30	2659	2661
2661			Prepare clearance certificate	0.25 hrs	12/10/21 10:30	12/10/21 10:45	2660	2662
2662			Carryout Ash Electrical isolation	0.25 hrs	12/10/21 10:45	12/10/21 11:00	2661	2663
2663			Check panel HV terminals for arcing & overheating	0.25 hrs	12/10/21 11:00	12/10/21 11:15	2662	2664
2664			Check Breaker spouse looseness & arcing	0.25 hrs	12/10/21 11:15	12/10/21 11:30	2663	2665
2665			Service Stop/Start	0.25 hrs	12/10/21 11:30	12/10/21 11:45	2664	2666
2666			Check underspeed sensor integrity	0.25 hrs	12/10/21 11:45	12/10/21 12:00	2665	2667
2667			Service underspeed control panel	0.5 hrs	12/10/21 12:30	12/10/21 13:00	2666	2668
2668			Inspect Motor terminal box interior & Gland integrity	0.5 hrs	12/10/21 13:00	12/10/21 13:30	2667	2669
2669			Clear product off Motor	1 hr	12/10/21 13:30	12/10/21 14:30	2668	2670
2670			Service Compactor Lubrication & Hydraulic units	2 hrs	12/10/21 14:30	12/10/21 16:30	2669	2671
2671			Seal for Moisture and dust.	0.25 hrs	12/10/21 16:30	12/10/21 16:45	2670	2672
2672			Clear permit	0.25 hrs	12/10/21 16:45	12/10/21 17:00	2671	
2673		29C2GF01	FLAKE CRUSHER - Carry out maintenance on Ash Electrical components	3 hrs	12/10/21 17:00	13/10/21 09:00	2658	2686
2674			Make out permit	0.25 hrs	12/10/21 17:00	12/10/21 17:15		2675
2675			Accept permit	0.25 hrs	12/10/21 17:15	12/10/21 17:30	2674	2676
2676			Carry out Ash Electrical isolation	0.25 hrs	12/10/21 17:30	12/10/21 17:45	2675	2677
2677			Check loose connections inside the panel	0.25 hrs	12/10/21 17:45	12/10/21 18:00	2676	2678
2678			Service panel components & Clear dust	0.25 hrs	13/10/21 07:00	13/10/21 07:15	2677	2679
2679			Service Stop/start	0.25 hrs	13/10/21 07:15	13/10/21 07:30	2678	2680
2680			Check Fan condition	0.25 hrs	13/10/21 07:30	13/10/21 07:45	2679	2681
2681			Inspect for possible Gear Box Seal leak	0.25 hrs	13/10/21 07:45	13/10/21 08:00	2680	2682
2682			Tighten Motor connections & Gland integrity	0.25 hrs	13/10/21 08:00	13/10/21 08:15	2681	2683
2683			Seal for Moisture and dust.	0.25 hrs	13/10/21 08:15	13/10/21 08:30	2682	2684
2684			Confirm correct protection settings	0.25 hrs	13/10/21 08:30	13/10/21 08:45	2683	2685
2685			Clear permit	0.25 hrs	13/10/21 08:45	13/10/21 09:00	2684	

ID	Task Mode	Asset Code	Task Name	Duration	Start	Finish	Predecessors	Successor
2686		29C2RF07	A SHUTTLE CONVEYOR - Carry out maintenance on Ash Electrical components	3.25 hrs	13/10/21 09:00	13/10/21 12:45	2673	2700
2687			Make out permit	0.25 hrs	13/10/21 09:00	13/10/21 09:15		2688
2688			Accept permit	0.25 hrs	13/10/21 09:15	13/10/21 09:30	2687	2689
2689			Carry out Ash Electrical isolation	0.25 hrs	13/10/21 09:30	13/10/21 09:45	2688	2690
2690			Check loose connections in the panel	0.25 hrs	13/10/21 09:45	13/10/21 10:00	2689	2691
2691			Service panel components & Clear dust	0.25 hrs	13/10/21 10:00	13/10/21 10:15	2690	2692
2692			Service Field Isolator	0.25 hrs	13/10/21 10:15	13/10/21 10:30	2691	2693
2693			Check underspeed sensor integrity & circuit operation	0.25 hrs	13/10/21 10:30	13/10/21 10:45	2692	2694
2694			Service safe start circuit	0.25 hrs	13/10/21 10:45	13/10/21 11:00	2693	2695
2695			Inspect for possible Gear Box Seal leak	0.25 hrs	13/10/21 11:00	13/10/21 11:15	2694	2696
2696			Tighten Motor connections & Gland integrity	0.25 hrs	13/10/21 11:15	13/10/21 11:30	2695	2697
2697			Seal for Moisture and dust.	0.25 hrs	13/10/21 11:30	13/10/21 11:45	2696	2698
2698			Confirm correct protection settings	0.25 hrs	13/10/21 11:45	13/10/21 12:00	2697	2699
2699			Clear permit	0.25 hrs	13/10/21 12:30	13/10/21 12:45	2698	
2700		29C2GB01	A EXHAUST FAN - Carry out Ash Electrical maintenance	3 hrs	13/10/21 12:45	13/10/21 15:45	2686	2713
2701			Make out permit	0.25 hrs	13/10/21 12:45	13/10/21 13:00		2702
2702			Accept permit	0.25 hrs	13/10/21 13:00	13/10/21 13:15	2701	2703
2703			Carry out Ash Electrical isolation	0.25 hrs	13/10/21 13:15	13/10/21 13:30	2702	2704
2704			Check loose connections in the panel	0.25 hrs	13/10/21 13:30	13/10/21 13:45	2703	2705
2705			Service panel components	0.25 hrs	13/10/21 13:45	13/10/21 14:00	2704	2706
2706			Check fan & fan cowlng	0.25 hrs	13/10/21 14:00	13/10/21 14:15	2705	2707
2707			service stop/start	0.25 hrs	13/10/21 14:15	13/10/21 14:30	2706	2708
2708			Check for overheating on supply cable leads.	0.25 hrs	13/10/21 14:30	13/10/21 14:45	2707	2709
2709			Tighten Motor connections & Gland integrity	0.25 hrs	13/10/21 14:45	13/10/21 15:00	2708	2710
2710			Seal for Moisture and dust.	0.25 hrs	13/10/21 15:00	13/10/21 15:15	2709	2711
2711			Confirm correct protection settings	0.25 hrs	13/10/21 15:15	13/10/21 15:30	2710	2712
2712			Clear permit	0.25 hrs	13/10/21 15:30	13/10/21 15:45	2711	
2713		29C2GF02	A PRE - Crusher Carry out maintenance on Ash Electrical components	3.5 hrs	13/10/21 15:45	14/10/21 08:15	2700	2726
2714			Make out permit	0.25 hrs	13/10/21 15:45	13/10/21 16:00		2715
2715			Accept permit	0.25 hrs	13/10/21 16:00	13/10/21 16:15	2714	2716
2716			Carry out Ash Electrical isolation	0.25 hrs	13/10/21 16:15	13/10/21 16:30	2715	2717
2717			Check loose connections inside the panel	0.25 hrs	13/10/21 16:30	13/10/21 16:45	2716	2718
2718			Service panel components & Clear dust	0.25 hrs	13/10/21 16:45	13/10/21 17:00	2717	2719
2719			Service Field Isolator	0.5 hrs	13/10/21 17:00	13/10/21 17:30	2718	2720
2720			Check Motor Fans condition	0.25 hrs	13/10/21 17:30	13/10/21 17:45	2719	2721
2721			Inspect for possible Gear Box Seal leak	0.25 hrs	13/10/21 17:45	13/10/21 18:00	2720	2722
2722			Tighten Motor connections & Gland integrity	0.5 hrs	14/10/21 07:00	14/10/21 07:30	2721	2723
2723			Seal for Moisture and dust.	0.25 hrs	14/10/21 07:30	14/10/21 07:45	2722	2724
2724			Confirm correct protection settings	0.25 hrs	14/10/21 07:45	14/10/21 08:00	2723	2725
2725			Clear permit	0.25 hrs	14/10/21 08:00	14/10/21 08:15	2724	
2726		29C2RM01	A1 STAR FEEDER - Carry out maintenance on Ash Electrical components	3 hrs	14/10/21 08:15	14/10/21 11:15	2713	2739
2727			Make out permit	0.25 hrs	14/10/21 08:15	14/10/21 08:30		2728
2728			Accept permit	0.25 hrs	14/10/21 08:30	14/10/21 08:45	2727	2729
2729			Carry out Ash Electrical isolation	0.25 hrs	14/10/21 08:45	14/10/21 09:00	2728	2730
2730			Check loose connections inside the panel	0.25 hrs	14/10/21 09:00	14/10/21 09:15	2729	2731
2731			Service panel components, VSD & Clear dust	0.25 hrs	14/10/21 09:15	14/10/21 09:30	2730	2732
2732			Service Field Isolator	0.25 hrs	14/10/21 09:30	14/10/21 09:45	2731	2733
2733			Check Motor Fan condition	0.25 hrs	14/10/21 09:45	14/10/21 10:00	2732	2734

ID	Task Mode	Asset Code	Task Name	Duration	Start	Finish	Predecessors	Successor
2734			Inspect for possible Gear Box Seal leak	0.25 hrs	14/10/21 10:00	14/10/21 10:15	2733	2735
2735			Tighten Motor connections & Gland integrity	0.25 hrs	14/10/21 10:15	14/10/21 10:30	2734	2736
2736			Seal for Moisture and dust.	0.25 hrs	14/10/21 10:30	14/10/21 10:45	2735	2737
2737			Confirm correct protection settings	0.25 hrs	14/10/21 10:45	14/10/21 11:00	2736	2738
2738			Clear permit	0.25 hrs	14/10/21 11:00	14/10/21 11:15	2737	
2739		29C2RM03	A2 DOSING STAR FEEDER - Carry out maintenance on Ash Electrical components	2.75 hrs	14/10/21 11:15	14/10/21 14:30	2726	2751
2740			Make out permit	0.25 hrs	14/10/21 11:15	14/10/21 11:30		2741
2741			Accept permit	0.25 hrs	14/10/21 11:30	14/10/21 11:45	2740	2742
2742			Carry out Ash Electrical isolation	0.25 hrs	14/10/21 11:45	14/10/21 12:00	2741	2743
2743			Check loose connections inside the panel	0.25 hrs	14/10/21 12:30	14/10/21 12:45	2742	2744
2744			Service panel components, VSD & Clear dust	0.25 hrs	14/10/21 12:45	14/10/21 13:00	2743	2745
2745			Service Field Isolator	0.25 hrs	14/10/21 13:00	14/10/21 13:15	2744	2746
2746			Check Motor Fan condition	0.25 hrs	14/10/21 13:15	14/10/21 13:30	2745	2747
2747			Inspect for possible Gear Box Seal leak	0.25 hrs	14/10/21 13:30	14/10/21 13:45	2746	2748
2748			Tighten Motor connections & Gland integrity	0.25 hrs	14/10/21 13:45	14/10/21 14:00	2747	2749
2749			Seal for Moisture and dust.	0.25 hrs	14/10/21 14:00	14/10/21 14:15	2748	2750
2750			Confirm correct protection settings	0.25 hrs	14/10/21 14:15	14/10/21 14:30	2749	
2751		29C2RE01	A1 BELT CONVEYOR - Carry out maintenance on Ash Electrical components	3 hrs	14/10/21 14:30	14/10/21 17:30	2739	2764
2752			Make out permit	0.25 hrs	14/10/21 14:30	14/10/21 14:45		2753
2753			Accept permit	0.25 hrs	14/10/21 14:45	14/10/21 15:00	2752	2754
2754			Carry out Ash Electrical isolation	0.25 hrs	14/10/21 15:00	14/10/21 15:15	2753	2755
2755			Check loose connections inside the panel	0.25 hrs	14/10/21 15:15	14/10/21 15:30	2754	2756
2756			Service panel components & clear dust	0.25 hrs	14/10/21 15:30	14/10/21 15:45	2755	2757
2757			Service Field Isolator	0.25 hrs	14/10/21 15:45	14/10/21 16:00	2756	2758
2758			Check underspeed sensor integrity & circuit operation.	0.25 hrs	14/10/21 16:00	14/10/21 16:15	2757	2759
2759			Service safe start circuit & pull switches	0.25 hrs	14/10/21 16:15	14/10/21 16:30	2758	2760
2760			Tighten Motor connections & Gland integrity	0.25 hrs	14/10/21 16:30	14/10/21 16:45	2759	2761
2761			Seal for Moisture and dust.	0.25 hrs	14/10/21 16:45	14/10/21 17:00	2760	2762
2762			Confirm correct protection settings	0.25 hrs	14/10/21 17:00	14/10/21 17:15	2761	2763
2763			Clear permit	0.25 hrs	14/10/21 17:15	14/10/21 17:30	2762	
2764		29C2RE02	A2 BELT CONVEYOR - Carry out maintenance on Ash Electrical components	3 hrs	14/10/21 17:30	15/10/21 09:30	2751	2777
2765			Make out permit	0.25 hrs	14/10/21 17:30	14/10/21 17:45		2766
2766			Accept permit	0.25 hrs	14/10/21 17:45	14/10/21 18:00	2765	2767
2767			Carry out Ash Electrical isolation	0.25 hrs	15/10/21 07:00	15/10/21 07:15	2766	2768
2768			Check loose connections inside the panel	0.25 hrs	15/10/21 07:15	15/10/21 07:30	2767	2769
2769			Service panel components & clear dust	0.25 hrs	15/10/21 07:30	15/10/21 07:45	2768	2770
2770			Service Field Isolator	0.25 hrs	15/10/21 07:45	15/10/21 08:00	2769	2771
2771			Check underspeed sensor integrity & circuit operation.	0.25 hrs	15/10/21 08:00	15/10/21 08:15	2770	2772
2772			Service safe start circuit & pull switches	0.25 hrs	15/10/21 08:15	15/10/21 08:30	2771	2773
2773			Tighten Motor connections & Gland integrity	0.25 hrs	15/10/21 08:30	15/10/21 08:45	2772	2774
2774			Seal for Moisture and dust.	0.25 hrs	15/10/21 08:45	15/10/21 09:00	2773	2775
2775			Confirm correct protection settings	0.25 hrs	15/10/21 09:00	15/10/21 09:15	2774	2776
2776			Clear permit	0.25 hrs	15/10/21 09:15	15/10/21 09:30	2775	
2777		29C2GF07	A1 FINE ROLLER ROLLER CRUSHER - Carry out maintenance on Ash Electrical components	3 hrs	15/10/21 09:30	15/10/21 13:00	2764	2790
2778			Make out permit	0.25 hrs	15/10/21 09:30	15/10/21 09:45		2779
2779			Accept permit	0.25 hrs	15/10/21 09:45	15/10/21 10:00	2778	2780
2780			Carry out Ash Electrical isolation	0.25 hrs	15/10/21 10:00	15/10/21 10:15	2779	2781
2781			Check loose connections inside the panel	0.25 hrs	15/10/21 10:15	15/10/21 10:30	2780	2782

ID	Task Mode	Asset Code	Task Name	Duration	Start	Finish	Predecessors	Successor
2782			Service panel components & clear dust	0.25 hrs	15/10/21 10:30	15/10/21 10:45	2781	2783
2783			check proximity switch, bracket & functionality	0.25 hrs	15/10/21 10:45	15/10/21 11:00	2782	2784
2784			Check U/S sensor integrity & Circuit operation.	0.25 hrs	15/10/21 11:00	15/10/21 11:15	2783	2785
2785			Service Field Isolator	0.25 hrs	15/10/21 11:15	15/10/21 11:30	2784	2786
2786			Tighten Motor connections & Gland integrity	0.25 hrs	15/10/21 11:30	15/10/21 11:45	2785	2787
2787			Seal for Moisture and dust.	0.25 hrs	15/10/21 11:45	15/10/21 12:00	2786	2788
2788			Confirm correct protection settings	0.25 hrs	15/10/21 12:30	15/10/21 12:45	2787	2789
2789			Clear permit	0.25 hrs	15/10/21 12:45	15/10/21 13:00	2788	
2790		29C2GF08	A2 FINE ROLLER ROLLER CRUSHER - Carry out maintenance on Ash Electrical components	3 hrs	15/10/21 13:00	15/10/21 16:00	2777	2803
2791			Make out permit	0.25 hrs	15/10/21 13:00	15/10/21 13:15		2792
2792			Accept permit	0.25 hrs	15/10/21 13:15	15/10/21 13:30	2791	2793
2793			Carry out Ash Electrical isolation	0.25 hrs	15/10/21 13:30	15/10/21 13:45	2792	2794
2794			Check loose connections inside the panel	0.25 hrs	15/10/21 13:45	15/10/21 14:00	2793	2795
2795			Service panel components & clear dust	0.25 hrs	15/10/21 14:00	15/10/21 14:15	2794	2796
2796			check proximity switch, bracket & functionality	0.25 hrs	15/10/21 14:15	15/10/21 14:30	2795	2797
2797			Check U/S sensor integrity & Circuit operation.	0.25 hrs	15/10/21 14:30	15/10/21 14:45	2796	2798
2798			Service Field Isolator	0.25 hrs	15/10/21 14:45	15/10/21 15:00	2797	2799
2799			Tighten Motor connections & Gland integrity	0.25 hrs	15/10/21 15:00	15/10/21 15:15	2798	2800
2800			Seal for Moisture and dust.	0.25 hrs	15/10/21 15:15	15/10/21 15:30	2799	2801
2801			Confirm correct protection settings	0.25 hrs	15/10/21 15:30	15/10/21 15:45	2800	2802
2802			Clear permit	0.25 hrs	15/10/21 15:45	15/10/21 16:00	2801	
2803		29C2GF03	A1 PRE - Roller Roller Crusher Carry out maintenance on Ash Electrical components	3 hrs	15/10/21 16:00	16/10/21 08:00	2790	2816
2804			Make out permit	0.25 hrs	15/10/21 16:00	15/10/21 16:15		2805
2805			Accept permit	0.25 hrs	15/10/21 16:15	15/10/21 16:30	2804	2806
2806			Carry out Ash Electrical isolation	0.25 hrs	15/10/21 16:30	15/10/21 16:45	2805	2807
2807			Check loose connections inside the panel	0.25 hrs	15/10/21 16:45	15/10/21 17:00	2806	2808
2808			Service panel components & clear dust	0.25 hrs	15/10/21 17:00	15/10/21 17:15	2807	2809
2809			check proximity switch, bracket & functionality	0.25 hrs	15/10/21 17:15	15/10/21 17:30	2808	2810
2810			Check U/S sensor integrity & Circuit operation.	0.25 hrs	15/10/21 17:30	15/10/21 17:45	2809	2811
2811			Service Field Isolator	0.25 hrs	15/10/21 17:45	15/10/21 18:00	2810	2812
2812			Tighten Motor connections & Gland integrity	0.25 hrs	16/10/21 07:00	16/10/21 07:15	2811	2813
2813			Seal for Moisture and dust.	0.25 hrs	16/10/21 07:15	16/10/21 07:30	2812	2814
2814			Confirm correct protection settings	0.25 hrs	16/10/21 07:30	16/10/21 07:45	2813	2815
2815			Clear permit	0.25 hrs	16/10/21 07:45	16/10/21 08:00	2814	
2816		29C2GF04	A2 PRE - Roller Roller Crusher Carry out maintenance on Ash Electrical components	3 hrs	16/10/21 08:00	16/10/21 11:00	2803	2829
2817			Make out permit	0.25 hrs	16/10/21 08:00	16/10/21 08:15		2818
2818			Accept permit	0.25 hrs	16/10/21 08:15	16/10/21 08:30	2817	2819
2819			Carry out Ash Electrical isolation	0.25 hrs	16/10/21 08:30	16/10/21 08:45	2818	2820
2820			Check loose connections inside the panel	0.25 hrs	16/10/21 08:45	16/10/21 09:00	2819	2821
2821			Service panel components & clear dust	0.25 hrs	16/10/21 09:00	16/10/21 09:15	2820	2822
2822			check proximity switch, bracket & functionality	0.25 hrs	16/10/21 09:15	16/10/21 09:30	2821	2823
2823			Check U/S sensor integrity & Circuit operation.	0.25 hrs	16/10/21 09:30	16/10/21 09:45	2822	2824
2824			Service Field Isolator	0.25 hrs	16/10/21 09:45	16/10/21 10:00	2823	2825
2825			Tighten Motor connections & Gland integrity	0.25 hrs	16/10/21 10:00	16/10/21 10:15	2824	2826
2826			Seal for Moisture and dust.	0.25 hrs	16/10/21 10:15	16/10/21 10:30	2825	2827
2827			Confirm correct protection settings	0.25 hrs	16/10/21 10:30	16/10/21 10:45	2826	2828
2828			Clear permit	0.25 hrs	16/10/21 10:45	16/10/21 11:00	2827	
2829		29C2GF05	A3 PRE - Roller Roller Crusher Carry out maintenance on Ash Electrical components	3 hrs	16/10/21 11:00	16/10/21 14:30	2816	

ID	Task Mode	Asset Code	Task Name	Duration	Start	Finish	Predecessors	Successor
2830			Make out permit	0.25 hrs	16/10/21 11:00	16/10/21 11:15		2831
2831			Accept permit	0.25 hrs	16/10/21 11:15	16/10/21 11:30	2830	2832
2832			Carry out Ash Electrical isolation	0.25 hrs	16/10/21 11:30	16/10/21 11:45	2831	2833
2833			Check loose connections inside the panel	0.25 hrs	16/10/21 11:45	16/10/21 12:00	2832	2834
2834			Service panel components & clear dust	0.25 hrs	16/10/21 12:30	16/10/21 12:45	2833	2835
2835			check proximity switch, bracket & functionality	0.25 hrs	16/10/21 12:45	16/10/21 13:00	2834	2836
2836			Check U/S sensor integrity & Circuit operation.	0.25 hrs	16/10/21 13:00	16/10/21 13:15	2835	2837
2837			Service Field Isolator	0.25 hrs	16/10/21 13:15	16/10/21 13:30	2836	2838
2838			Tighten Motor connections & Gland integrity	0.25 hrs	16/10/21 13:30	16/10/21 13:45	2837	2839
2839			Seal for Moisture and dust.	0.25 hrs	16/10/21 13:45	16/10/21 14:00	2838	2840
2840			Confirm correct protection settings	0.25 hrs	16/10/21 14:00	16/10/21 14:15	2839	2841
2841			Clear permit	0.25 hrs	16/10/21 14:15	16/10/21 14:30	2840	
2842		29C2GF06	A4 PRE - Roller Roller Crusher Carry out maintenance on Ash Electrical components	3 hrs	11/10/21 07:00	11/10/21 10:00	1	2855
2843			Make out permit	0.25 hrs	11/10/21 07:00	11/10/21 07:15		2844
2844			Accept permit	0.25 hrs	11/10/21 07:15	11/10/21 07:30	2843	2845
2845			Carry out Ash Electrical isolation	0.25 hrs	11/10/21 07:30	11/10/21 07:45	2844	2846
2846			Check loose connections inside the panel	0.25 hrs	11/10/21 07:45	11/10/21 08:00	2845	2847
2847			Service panel components & clear dust	0.25 hrs	11/10/21 08:00	11/10/21 08:15	2846	2848
2848			check proximity switch, bracket & functionality	0.25 hrs	11/10/21 08:15	11/10/21 08:30	2847	2849
2849			Check U/S sensor integrity & Circuit operation.	0.25 hrs	11/10/21 08:30	11/10/21 08:45	2848	2850
2850			Service Field Isolator	0.25 hrs	11/10/21 08:45	11/10/21 09:00	2849	2851
2851			Tighten Motor connections & Gland integrity	0.25 hrs	11/10/21 09:00	11/10/21 09:15	2850	2852
2852			Seal for Moisture and dust.	0.25 hrs	11/10/21 09:15	11/10/21 09:30	2851	2853
2853			Confirm correct protection settings	0.25 hrs	11/10/21 09:30	11/10/21 09:45	2852	2854
2854			Clear permit	0.25 hrs	11/10/21 09:45	11/10/21 10:00	2853	
2855		29C2GN01	A1 PRIMARY VIBRATING SCREEN - Carry out maintenance on Ash Electrical components	8.5 hrs	11/10/21 10:00	12/10/21 08:00	2842	2869
2856			Make out permit	0.25 hrs	11/10/21 10:00	11/10/21 10:15		2857
2857			Accept permit	0.25 hrs	11/10/21 10:15	11/10/21 10:30	2856	2858
2858			Carry out Ash Electrical isolation	0.25 hrs	11/10/21 10:30	11/10/21 10:45	2857	2859
2859			Check loose connections inside the panel	0.25 hrs	11/10/21 10:45	11/10/21 11:00	2858	2860
2860			Service panel components & clear dust	1 hr	11/10/21 11:00	11/10/21 12:00	2859	2861
2861			Service Terminal Box, replace worn Clip-on terminals	1.5 hrs	11/10/21 12:30	11/10/21 14:00	2860	2862
2862			Replace worn Butt terminals/Lugs	1.5 hrs	11/10/21 14:00	11/10/21 15:30	2861	2863
2863			Check Protection Breakers for open circuit	0.5 hrs	11/10/21 15:30	11/10/21 16:00	2862	2864
2864			Service Field Isolator	0.25 hrs	11/10/21 16:00	11/10/21 16:15	2863	2865
2865			Label Controllers, current monitors & rear terminals	2 hrs	11/10/21 16:15	12/10/21 07:15	2864	2866
2866			Confirm correct Current Monitor settings	0.25 hrs	12/10/21 07:15	12/10/21 07:30	2865	2867
2867			Confirm correct protection settings	0.25 hrs	12/10/21 07:30	12/10/21 07:45	2866	2868
2868			Clear permit	0.25 hrs	12/10/21 07:45	12/10/21 08:00	2867	
2869		29C2GN02	A2 PRIMARY VIBRATING SCREEN - Carry out maintenance on Ash Electrical components	8.25 hrs	12/10/21 08:00	12/10/21 16:45	2855	2882
2870			Make out permit	0.25 hrs	12/10/21 08:00	12/10/21 08:15		2871
2871			Accept permit	0.25 hrs	12/10/21 08:15	12/10/21 08:30	2870	2872
2872			Carry out Ash Electrical isolation	0.25 hrs	12/10/21 08:30	12/10/21 08:45	2871	2873
2873			Check loose connections inside the panel	0.25 hrs	12/10/21 08:45	12/10/21 09:00	2872	2874
2874			Service panel components & clear dust	1 hr	12/10/21 09:00	12/10/21 10:00	2873	2875
2875			Service Terminal Box, replace worn Clip-on terminals	1.5 hrs	12/10/21 10:00	12/10/21 11:30	2874	2876
2876			Replace worn Butt terminals/Lugs	1.5 hrs	12/10/21 11:30	12/10/21 13:30	2875	2877
2877			Check Protection Breakers for open circuit	0.5 hrs	12/10/21 13:30	12/10/21 14:00	2876	2878

ID	Task Mode	Asset Code	Task Name	Duration	Start	Finish	Predecessors	Successor
2878			Service Field Isolator	0.25 hrs	12/10/21 14:00	12/10/21 14:15	2877	2879
2879			Label Controllers, current monitors & rear terminals	2 hrs	12/10/21 14:15	12/10/21 16:15	2878	2880
2880			Confirm correct Current Monitor settings	0.25 hrs	12/10/21 16:15	12/10/21 16:30	2879	2881
2881			Confirm correct protection settings	0.25 hrs	12/10/21 16:30	12/10/21 16:45	2880	
2882		29C2GN03	A3 PRIMARY VIBRATING SCREEN - Carry out maintenance on Ash Electrical components	8.5 hrs	12/10/21 16:45	13/10/21 14:45	2869	2896
2883			Make out permit	0.25 hrs	12/10/21 16:45	12/10/21 17:00		2884
2884			Accept permit	0.25 hrs	12/10/21 17:00	12/10/21 17:15	2883	2885
2885			Carry out Ash Electrical isolation	0.25 hrs	12/10/21 17:15	12/10/21 17:30	2884	2886
2886			Check loose connections inside the panel	0.25 hrs	12/10/21 17:30	12/10/21 17:45	2885	2887
2887			Service panel components & clear dust	1 hr	12/10/21 17:45	13/10/21 07:45	2886	2888
2888			Service Terminal Box, replace worn Clip-on terminals	1.5 hrs	13/10/21 07:45	13/10/21 09:15	2887	2889
2889			Replace worn Butt terminals/Lugs	1.5 hrs	13/10/21 09:15	13/10/21 10:45	2888	2890
2890			Check Protection Breakers for open circuit	0.5 hrs	13/10/21 10:45	13/10/21 11:15	2889	2891
2891			Service Field Isolator	0.25 hrs	13/10/21 11:15	13/10/21 11:30	2890	2892
2892			Label Controllers, current monitors & rear terminals	2 hrs	13/10/21 11:30	13/10/21 14:00	2891	2893
2893			Confirm correct Current Monitor settings	0.25 hrs	13/10/21 14:00	13/10/21 14:15	2892	2894
2894			Confirm correct protection settings	0.25 hrs	13/10/21 14:15	13/10/21 14:30	2893	2895
2895			Clear permit	0.25 hrs	13/10/21 14:30	13/10/21 14:45	2894	
2896		29C2GN04	A4 PRIMARY VIBRATING SCREEN - Carry out maintenance on Ash Electrical components	8.5 hrs	13/10/21 14:45	14/10/21 12:45	2882	2910
2897			Make out permit	0.25 hrs	13/10/21 14:45	13/10/21 15:00		2898
2898			Accept permit	0.25 hrs	13/10/21 15:00	13/10/21 15:15	2897	2899
2899			Carry out Ash Electrical isolation	0.25 hrs	13/10/21 15:15	13/10/21 15:30	2898	2900
2900			Check loose connections inside the panel	0.25 hrs	13/10/21 15:30	13/10/21 15:45	2899	2901
2901			Service panel components & clear dust	1 hr	13/10/21 15:45	13/10/21 16:45	2900	2902
2902			Service Terminal Box, replace worn Clip-on terminals	1.5 hrs	13/10/21 16:45	14/10/21 07:15	2901	2903
2903			Replace worn Butt terminals/Lugs	1.5 hrs	14/10/21 07:15	14/10/21 08:45	2902	2904
2904			Check Protection Breakers for open circuit	0.5 hrs	14/10/21 08:45	14/10/21 09:15	2903	2905
2905			Service Field Isolator	0.25 hrs	14/10/21 09:15	14/10/21 09:30	2904	2906
2906			Label Controllers, current monitors & rear terminals	2 hrs	14/10/21 09:30	14/10/21 11:30	2905	2907
2907			Confirm correct Current Monitor settings	0.25 hrs	14/10/21 11:30	14/10/21 11:45	2906	2908
2908			Confirm correct protection settings	0.25 hrs	14/10/21 11:45	14/10/21 12:00	2907	2909
2909			Clear permit	0.25 hrs	14/10/21 12:30	14/10/21 12:45	2908	
2910		29C2GN05	A1 SECONDARY VIBRATING SCREEN - Carry out maintenance on Ash Electrical components	8.5 hrs	14/10/21 12:45	15/10/21 10:15	2896	2924
2911			Make out permit	0.25 hrs	14/10/21 12:45	14/10/21 13:00		2912
2912			Accept permit	0.25 hrs	14/10/21 13:00	14/10/21 13:15	2911	2913
2913			Carry out Ash Electrical isolation	0.25 hrs	14/10/21 13:15	14/10/21 13:30	2912	2914
2914			Check loose connections inside the panel	0.25 hrs	14/10/21 13:30	14/10/21 13:45	2913	2915
2915			Service panel components & clear dust	1 hr	14/10/21 13:45	14/10/21 14:45	2914	2916
2916			Service Terminal Box, replace worn Clip-on terminals	1.5 hrs	14/10/21 14:45	14/10/21 16:15	2915	2917
2917			Replace worn Butt terminals/Lugs	1.5 hrs	14/10/21 16:15	14/10/21 17:45	2916	2918
2918			Check Protection Breakers for open circuit	0.5 hrs	14/10/21 17:45	15/10/21 07:15	2917	2919
2919			Service Field Isolator	0.25 hrs	15/10/21 07:15	15/10/21 07:30	2918	2920
2920			Label Controllers, current monitors & rear terminals	2 hrs	15/10/21 07:30	15/10/21 09:30	2919	2921
2921			Confirm correct Current Monitor settings	0.25 hrs	15/10/21 09:30	15/10/21 09:45	2920	2922
2922			Confirm correct protection settings	0.25 hrs	15/10/21 09:45	15/10/21 10:00	2921	2923
2923			Clear permit	0.25 hrs	15/10/21 10:00	15/10/21 10:15	2922	
2924		29C2GN06	A2 SECONDARY VIBRATING SCREEN - Services Coils, Field DB and Panel components Carry out maintenance on Ash Electrical components	8.5 hrs	15/10/21 10:15	16/10/21 08:15	2910	2938
2925			Make out permit	0.25 hrs	15/10/21 10:15	15/10/21 10:30		2926

ID	Task Mode	Asset Code	Task Name	Duration	Start	Finish	Predecessor	Successor
2926			Accept permit	0.25 hrs	15/10/21 10:30	15/10/21 10:45	2925	2927
2927			Carry out Ash Electrical isolation	0.25 hrs	15/10/21 10:45	15/10/21 11:00	2926	2928
2928			Check loose connections inside the panel	0.25 hrs	15/10/21 11:00	15/10/21 11:15	2927	2929
2929			Service panel components & clear dust	1 hr	15/10/21 11:15	15/10/21 12:45	2928	2930
2930			Service Terminal Box, replace worn Clip-on terminals	1.5 hrs	15/10/21 12:45	15/10/21 14:15	2929	2931
2931			Replace worn Butt terminals/Lugs	1.5 hrs	15/10/21 14:15	15/10/21 15:45	2930	2932
2932			Check Protection Breakers for open circuit	0.5 hrs	15/10/21 15:45	15/10/21 16:15	2931	2933
2933			Service Field Isolator	0.25 hrs	15/10/21 16:15	15/10/21 16:30	2932	2934
2934			Label Controllers, current monitors & rear terminals	2 hrs	15/10/21 16:30	16/10/21 07:30	2933	2935
2935			Confirm correct Current Monitor settings	0.25 hrs	16/10/21 07:30	16/10/21 07:45	2934	2936
2936			Confirm correct protection settings	0.25 hrs	16/10/21 07:45	16/10/21 08:00	2935	2937
2937			Clear permit	0.25 hrs	16/10/21 08:00	16/10/21 08:15	2936	
2938		29C2RH01	A1 VIBRATING DISTRIBUTOR - Carry out maintenance	3.25 hrs	16/10/21 08:15	16/10/21 11:30	2924	2952
2939			Make out permit	0.25 hrs	16/10/21 08:15	16/10/21 08:30		2940
2940			Accept permit	0.25 hrs	16/10/21 08:30	16/10/21 08:45	2939	2941
2941			Carry out Ash Electrical isolation	0.25 hrs	16/10/21 08:45	16/10/21 09:00	2940	2942
2942			Tighten Ash Electrical connections in the panel	0.25 hrs	16/10/21 09:00	16/10/21 09:15	2941	2943
2943			Service panel components & Clear dust	0.25 hrs	16/10/21 09:15	16/10/21 09:30	2942	2944
2944			Service Field Isolator	0.25 hrs	16/10/21 09:30	16/10/21 09:45	2943	2945
2945			Check Coil supply cables for damage	0.25 hrs	16/10/21 09:45	16/10/21 10:00	2944	2946
2946			Clear dust inside Armature assembly	0.25 hrs	16/10/21 10:00	16/10/21 10:15	2945	2947
2947			Set gap between Coil and armature core	0.25 hrs	16/10/21 10:15	16/10/21 10:30	2946	2948
2948			Ensure all adjusting screws are functional	0.25 hrs	16/10/21 10:30	16/10/21 10:45	2947	2949
2949			Tighten Coil mounting screw	0.25 hrs	16/10/21 10:45	16/10/21 11:00	2948	2950
2950			Confirm correct protection settings	0.25 hrs	16/10/21 11:00	16/10/21 11:15	2949	2951
2951			Clear permit	0.25 hrs	16/10/21 11:15	16/10/21 11:30	2950	
2952		29C2RH02	A2 VIBRATING DISTRIBUTOR - Carry out maintenance	3.25 hrs	16/10/21 11:30	16/10/21 15:15	2938	2966
2953			Make out permit	0.25 hrs	16/10/21 11:30	16/10/21 11:45		2954
2954			Accept permit	0.25 hrs	16/10/21 11:45	16/10/21 12:00	2953	2955
2955			Carry out Ash Electrical isolation	0.25 hrs	16/10/21 12:30	16/10/21 12:45	2954	2956
2956			Tighten Ash Electrical connections in the panel	0.25 hrs	16/10/21 12:45	16/10/21 13:00	2955	2957
2957			Service panel components & Clear dust	0.25 hrs	16/10/21 13:00	16/10/21 13:15	2956	2958
2958			Service Field Isolator	0.25 hrs	16/10/21 13:15	16/10/21 13:30	2957	2959
2959			Check Coil supply cables for damage	0.25 hrs	16/10/21 13:30	16/10/21 13:45	2958	2960
2960			Clear dust inside Armature assembly	0.25 hrs	16/10/21 13:45	16/10/21 14:00	2959	2961
2961			Set gap between Coil and armature core	0.25 hrs	16/10/21 14:00	16/10/21 14:15	2960	2962
2962			Ensure all adjusting screws are functional	0.25 hrs	16/10/21 14:15	16/10/21 14:30	2961	2963
2963			Tighten Coil mounting screw	0.25 hrs	16/10/21 14:30	16/10/21 14:45	2962	2964
2964			Confirm correct protection settings	0.25 hrs	16/10/21 14:45	16/10/21 15:00	2963	2965
2965			Clear permit	0.25 hrs	16/10/21 15:00	16/10/21 15:15	2964	
2966		29C2RH03	A3 VIBRATING DISTRIBUTOR - Carry out maintenance	3.25 hrs	16/10/21 15:15	17/10/21 07:30	2952	2980
2967			Make out permit	0.25 hrs	16/10/21 15:15	16/10/21 15:30		2968
2968			Accept permit	0.25 hrs	16/10/21 15:30	16/10/21 15:45	2967	2969
2969			Carry out Ash Electrical isolation	0.25 hrs	16/10/21 15:45	16/10/21 16:00	2968	2970
2970			Tighten Ash Electrical connections in the panel	0.25 hrs	16/10/21 16:00	16/10/21 16:15	2969	2971
2971			Service panel components & Clear dust	0.25 hrs	16/10/21 16:15	16/10/21 16:30	2970	2972
2972			Service Field Isolator	0.25 hrs	16/10/21 16:30	16/10/21 16:45	2971	2973
2973			Check Coil supply cables for damage	0.25 hrs	16/10/21 16:45	16/10/21 17:00	2972	2974

ID	Task Mode	Asset Code	Task Name	Duration	Start	Finish	Predecessors	Successor
2974			Clear dust inside Armature assembly	0.25 hrs	16/10/21 17:00	16/10/21 17:15	2973	2975
2975			Set gap between Coil and armature core	0.25 hrs	16/10/21 17:15	16/10/21 17:30	2974	2976
2976			Ensure all adjusting screws are functional	0.25 hrs	16/10/21 17:30	16/10/21 17:45	2975	2977
2977			Tighten Coil mounting screw	0.25 hrs	16/10/21 17:45	16/10/21 18:00	2976	2978
2978			Confirm correct protection settings	0.25 hrs	17/10/21 07:00	17/10/21 07:15	2977	2979
2979			Clear permit	0.25 hrs	17/10/21 07:15	17/10/21 07:30	2978	
2980		29C2RH04	A4 VIBRATING DISTRIBUTOR - Carry out maintenance	3.25 hrs	17/10/21 07:30	17/10/21 10:45	2966	2994
2981			Make out permit	0.25 hrs	17/10/21 07:30	17/10/21 07:45		2982
2982			Accept permit	0.25 hrs	17/10/21 07:45	17/10/21 08:00	2981	2983
2983			Carry out Ash Electrical isolation	0.25 hrs	17/10/21 08:00	17/10/21 08:15	2982	2984
2984			Tighten Ash Electrical connections in the panel	0.25 hrs	17/10/21 08:15	17/10/21 08:30	2983	2985
2985			Service panel components & Clear dust	0.25 hrs	17/10/21 08:30	17/10/21 08:45	2984	2986
2986			Service Field Isolator	0.25 hrs	17/10/21 08:45	17/10/21 09:00	2985	2987
2987			Check Coil supply cables for damage	0.25 hrs	17/10/21 09:00	17/10/21 09:15	2986	2988
2988			Clear dust inside Armature assembly	0.25 hrs	17/10/21 09:15	17/10/21 09:30	2987	2989
2989			Set gap between Coil and armature core	0.25 hrs	17/10/21 09:30	17/10/21 09:45	2988	2990
2990			Ensure all adjusting screws are functional	0.25 hrs	17/10/21 09:45	17/10/21 10:00	2989	2991
2991			Tighten Coil mounting screw	0.25 hrs	17/10/21 10:00	17/10/21 10:15	2990	2992
2992			Confirm correct protection settings	0.25 hrs	17/10/21 10:15	17/10/21 10:30	2991	2993
2993			Clear permit	0.25 hrs	17/10/21 10:30	17/10/21 10:45	2992	
2994		29C2RF01	A1 CHAIN CONVEYOR - Carry out maintenance on Ash Electrical components	3.25 hrs	17/10/21 10:45	17/10/21 14:30	2980	3008
2995			Make out permit	0.25 hrs	17/10/21 10:45	17/10/21 11:00		2996
2996			Accept permit	0.25 hrs	17/10/21 11:00	17/10/21 11:15	2995	2997
2997			Carry out Ash Electrical isolation	0.25 hrs	17/10/21 11:15	17/10/21 11:30	2996	2998
2998			Check loose connections in the panel	0.25 hrs	17/10/21 11:30	17/10/21 11:45	2997	2999
2999			Service panel components & Clear dust	0.25 hrs	17/10/21 11:45	17/10/21 12:00	2998	3000
3000			Service Field isolator	0.25 hrs	17/10/21 12:30	17/10/21 12:45	2999	3001
3001			Check underspeed sensor intergrity & circuit operation	0.25 hrs	17/10/21 12:45	17/10/21 13:00	3000	3002
3002			Service safe start circuit	0.25 hrs	17/10/21 13:00	17/10/21 13:15	3001	3003
3003			Inspect for possible Gear Box Seal leak	0.25 hrs	17/10/21 13:15	17/10/21 13:30	3002	3004
3004			Tighten Motor connections & Gland intergrity	0.25 hrs	17/10/21 13:30	17/10/21 13:45	3003	3005
3005			Seal for Moisture and dust.	0.25 hrs	17/10/21 13:45	17/10/21 14:00	3004	3006
3006			Confirm correct protection settings	0.25 hrs	17/10/21 14:00	17/10/21 14:15	3005	3007
3007			Clear permit	0.25 hrs	17/10/21 14:15	17/10/21 14:30	3006	
3008		29C2RF02	A2 CHAIN CONVEYOR - Carry out maintenance on Ash Electrical components	3.25 hrs	17/10/21 14:30	17/10/21 17:45	2994	3022
3009			Make out permit	0.25 hrs	17/10/21 14:30	17/10/21 14:45		3010
3010			Accept permit	0.25 hrs	17/10/21 14:45	17/10/21 15:00	3009	3011
3011			Carry out Ash Electrical isolation	0.25 hrs	17/10/21 15:00	17/10/21 15:15	3010	3012
3012			Check loose connections in the panel	0.25 hrs	17/10/21 15:15	17/10/21 15:30	3011	3013
3013			Service panel components & Clear dust	0.25 hrs	17/10/21 15:30	17/10/21 15:45	3012	3014
3014			Service Field isolator	0.25 hrs	17/10/21 15:45	17/10/21 16:00	3013	3015
3015			Check underspeed sensor intergrity & circuit operation	0.25 hrs	17/10/21 16:00	17/10/21 16:15	3014	3016
3016			Service safe start circuit	0.25 hrs	17/10/21 16:15	17/10/21 16:30	3015	3017
3017			Inspect for possible Gear Box Seal leak	0.25 hrs	17/10/21 16:30	17/10/21 16:45	3016	3018
3018			Tighten Motor connections & Gland intergrity	0.25 hrs	17/10/21 16:45	17/10/21 17:00	3017	3019
3019			Seal for Moisture and dust.	0.25 hrs	17/10/21 17:00	17/10/21 17:15	3018	3020
3020			Confirm correct protection settings	0.25 hrs	17/10/21 17:15	17/10/21 17:30	3019	3021
3021			Clear permit	0.25 hrs	17/10/21 17:30	17/10/21 17:45	3020	

ID	Task Mode	Asset Code	Task Name	Duration	Start	Finish	Predecessor	Successor
3022		29C2RF03	A3 CHAIN CONVEYOR - Carry out maintenance on Ash Electrical components	3.25 hrs	17/10/21 17:45	18/10/21 10:00	3008	3036
3023			Make out permit	0.25 hrs	17/10/21 17:45	17/10/21 18:00		3024
3024			Accept permit	0.25 hrs	18/10/21 07:00	18/10/21 07:15	3023	3025
3025			Carry out Ash Electrical isolation	0.25 hrs	18/10/21 07:15	18/10/21 07:30	3024	3026
3026			Check loose connections in the panel	0.25 hrs	18/10/21 07:30	18/10/21 07:45	3025	3027
3027			Service panel components & Clear dust	0.25 hrs	18/10/21 07:45	18/10/21 08:00	3026	3028
3028			Service Field isolator	0.25 hrs	18/10/21 08:00	18/10/21 08:15	3027	3029
3029			Check underspeed sensor integrity & circuit operation	0.25 hrs	18/10/21 08:15	18/10/21 08:30	3028	3030
3030			Service safe start circuit	0.25 hrs	18/10/21 08:30	18/10/21 08:45	3029	3031
3031			Inspect for possible Gear Box Seal leak	0.25 hrs	18/10/21 08:45	18/10/21 09:00	3030	3032
3032			Tighten Motor connections & Gland integrity	0.25 hrs	18/10/21 09:00	18/10/21 09:15	3031	3033
3033			Seal for Moisture and dust.	0.25 hrs	18/10/21 09:15	18/10/21 09:30	3032	3034
3034			Confirm correct protection settings	0.25 hrs	18/10/21 09:30	18/10/21 09:45	3033	3035
3035			Clear permit	0.25 hrs	18/10/21 09:45	18/10/21 10:00	3034	
3036		29C2RF04	A4 CHAIN CONVEYOR - Carry out maintenance on Ash Electrical components	3.25 hrs	18/10/21 10:00	18/10/21 13:45	3022	3050
3037			Make out permit	0.25 hrs	18/10/21 10:00	18/10/21 10:15		3038
3038			Accept permit	0.25 hrs	18/10/21 10:15	18/10/21 10:30	3037	3039
3039			Carry out Ash Electrical isolation	0.25 hrs	18/10/21 10:30	18/10/21 10:45	3038	3040
3040			Check loose connections in the panel	0.25 hrs	18/10/21 10:45	18/10/21 11:00	3039	3041
3041			Service panel components & Clear dust	0.25 hrs	18/10/21 11:00	18/10/21 11:15	3040	3042
3042			Service Field isolator	0.25 hrs	18/10/21 11:15	18/10/21 11:30	3041	3043
3043			Check underspeed sensor integrity & circuit operation	0.25 hrs	18/10/21 11:30	18/10/21 11:45	3042	3044
3044			Service safe start circuit	0.25 hrs	18/10/21 11:45	18/10/21 12:00	3043	3045
3045			Inspect for possible Gear Box Seal leak	0.25 hrs	18/10/21 12:30	18/10/21 12:45	3044	3046
3046			Tighten Motor connections & Gland integrity	0.25 hrs	18/10/21 12:45	18/10/21 13:00	3045	3047
3047			Seal for Moisture and dust.	0.25 hrs	18/10/21 13:00	18/10/21 13:15	3046	3048
3048			Confirm correct protection settings	0.25 hrs	18/10/21 13:15	18/10/21 13:30	3047	3049
3049			Clear permit	0.25 hrs	18/10/21 13:30	18/10/21 13:45	3048	
3050		29C2RF05	A5 CHAIN CONVEYOR - Carry out maintenance on Ash Electrical components	3.25 hrs	18/10/21 13:45	18/10/21 17:00	3036	3064
3051			Make out permit	0.25 hrs	18/10/21 13:45	18/10/21 14:00		3052
3052			Accept permit	0.25 hrs	18/10/21 14:00	18/10/21 14:15	3051	3053
3053			Carry out Ash Electrical isolation	0.25 hrs	18/10/21 14:15	18/10/21 14:30	3052	3054
3054			Check loose connections in the panel	0.25 hrs	18/10/21 14:30	18/10/21 14:45	3053	3055
3055			Service panel components & Clear dust	0.25 hrs	18/10/21 14:45	18/10/21 15:00	3054	3056
3056			Service Field isolator	0.25 hrs	18/10/21 15:00	18/10/21 15:15	3055	3057
3057			Check underspeed sensor integrity & circuit operation	0.25 hrs	18/10/21 15:15	18/10/21 15:30	3056	3058
3058			Service safe start circuit	0.25 hrs	18/10/21 15:30	18/10/21 15:45	3057	3059
3059			Inspect for possible Gear Box Seal leak	0.25 hrs	18/10/21 15:45	18/10/21 16:00	3058	3060
3060			Tighten Motor connections & Gland integrity	0.25 hrs	18/10/21 16:00	18/10/21 16:15	3059	3061
3061			Seal for Moisture and dust.	0.25 hrs	18/10/21 16:15	18/10/21 16:30	3060	3062
3062			Confirm correct protection settings	0.25 hrs	18/10/21 16:30	18/10/21 16:45	3061	3063
3063			Clear permit	0.25 hrs	18/10/21 16:45	18/10/21 17:00	3062	
3064		29C2RF06	A6 CHAIN CONVEYOR - Carry out maintenance on Ash Electrical components	3.25 hrs	18/10/21 17:00	19/10/21 09:15	3050	3078
3065			Make out permit	0.25 hrs	18/10/21 17:00	18/10/21 17:15		3066
3066			Accept permit	0.25 hrs	18/10/21 17:15	18/10/21 17:30	3065	3067
3067			Carry out Ash Electrical isolation	0.25 hrs	18/10/21 17:30	18/10/21 17:45	3066	3068
3068			Check loose connections in the panel	0.25 hrs	18/10/21 17:45	18/10/21 18:00	3067	3069
3069			Service panel components & Clear dust	0.25 hrs	19/10/21 07:00	19/10/21 07:15	3068	3070

ID	Task Mode	Asset Code	Task Name	Duration	Start	Finish	Predecessor	Successor
3070			Service Field isolator	0.25 hrs	19/10/21 07:15	19/10/21 07:30	3069	3071
3071			Check underspeed sensor integrity & circuit operation	0.25 hrs	19/10/21 07:30	19/10/21 07:45	3070	3072
3072			Service safe start circuit	0.25 hrs	19/10/21 07:45	19/10/21 08:00	3071	3073
3073			Inspect for possible Gear Box Seal leak	0.25 hrs	19/10/21 08:00	19/10/21 08:15	3072	3074
3074			Tighten Motor connections & Gland integrity	0.25 hrs	19/10/21 08:15	19/10/21 08:30	3073	3075
3075			Seal for Moisture and dust.	0.25 hrs	19/10/21 08:30	19/10/21 08:45	3074	3076
3076			Confirm correct protection settings	0.25 hrs	19/10/21 08:45	19/10/21 09:00	3075	3077
3077			Clear permit	0.25 hrs	19/10/21 09:00	19/10/21 09:15	3076	
3078		29C2RF08	A7 CHAIN CONVEYOR - Carry out maintenance on Ash Electrical components	3.25 hrs	19/10/21 09:15	19/10/21 13:00	3064	
3079			Make out permit	0.25 hrs	19/10/21 09:15	19/10/21 09:30		3080
3080			Accept permit	0.25 hrs	19/10/21 09:30	19/10/21 09:45	3079	3081
3081			Carry out Ash Electrical isolation	0.25 hrs	19/10/21 09:45	19/10/21 10:00	3080	3082
3082			Check loose connections in the panel	0.25 hrs	19/10/21 10:00	19/10/21 10:15	3081	3083
3083			Service panel components & Clear dust	0.25 hrs	19/10/21 10:15	19/10/21 10:30	3082	3084
3084			Service Field isolator	0.25 hrs	19/10/21 10:30	19/10/21 10:45	3083	3085
3085			Check underspeed sensor integrity & circuit operation	0.25 hrs	19/10/21 10:45	19/10/21 11:00	3084	3086
3086			Service safe start circuit	0.25 hrs	19/10/21 11:00	19/10/21 11:15	3085	3087
3087			Inspect for possible Gear Box Seal leak	0.25 hrs	19/10/21 11:15	19/10/21 11:30	3086	3088
3088			Tighten Motor connections & Gland integrity	0.25 hrs	19/10/21 11:30	19/10/21 11:45	3087	3089
3089			Seal for Moisture and dust.	0.25 hrs	19/10/21 11:45	19/10/21 12:00	3088	3090
3090			Confirm correct protection settings	0.25 hrs	19/10/21 12:30	19/10/21 12:45	3089	3091
3091			Clear permit	0.25 hrs	19/10/21 12:45	19/10/21 13:00	3090	
3092		29C2PF01	# A HYDRAULIC SYSTEM - inspect charging and dumping system	2.75 hrs	11/10/21 07:00	11/10/21 09:45	1	3098
3093			Make out permit	0.25 hrs	11/10/21 07:00	11/10/21 07:15		3094
3094			Accept permit	0.25 hrs	11/10/21 07:15	11/10/21 07:30	3093	3095
3095			Inspect Charging system	1 hr	11/10/21 07:30	11/10/21 08:30	3094	3096
3096			Inspect dumping system	1 hr	11/10/21 08:30	11/10/21 09:30	3095	3097
3097			Clear permit	0.25 hrs	11/10/21 09:30	11/10/21 09:45	3096	
3098		29C6F131	# A Compactor lube oil system - inspect the system	17.75 hrs	11/10/21 09:45	12/10/21 17:30	3092	3106
3099			Make out permit	0.25 hrs	11/10/21 09:45	11/10/21 10:00		3100
3100			Accept permit	0.25 hrs	11/10/21 10:00	11/10/21 10:15	3099	3101
3101			Disconnect Inst (Comp)uments	1 hr	11/10/21 10:15	11/10/21 11:15	3100	3102
3102			Clean flow sensors	2 hrs	11/10/21 11:15	11/10/21 13:45	3101	3103
3103			Inspect level switch	2 hrs	11/10/21 13:45	11/10/21 15:45	3102	3104
3104			Inspect temperature probe	12 hrs	11/10/21 15:45	12/10/21 17:15	3103	3105
3105			Clear permit	0.25 hrs	12/10/21 17:15	12/10/21 17:30	3104	
3106		29C2FK03	A COMPACTOR INSTRUMENTS JUNCTION BOX	5.75 hrs	12/10/21 17:30	13/10/21 12:45	3098	3115
3107			Accept permit	0.25 hrs	12/10/21 17:30	12/10/21 17:45		3108
3108			Mark Inst (Comp)ument signal cables	1 hr	12/10/21 17:45	13/10/21 07:45	3107	3109
3109			Remove old junction box	0.5 hrs	13/10/21 07:45	13/10/21 08:15	3108	3110
3110			Inst (Comp)all Cable glands,DIN rail,connector blocks for new enclosure	2 hrs	13/10/21 08:15	13/10/21 10:15	3109	3111
3111			Mount new enclosure	0.5 hrs	13/10/21 10:15	13/10/21 10:45	3110	3112
3112			Reterminate Signal Cables	1 hr	13/10/21 10:45	13/10/21 11:45	3111	3113
3113			check all connections	0.25 hrs	13/10/21 11:45	13/10/21 12:00	3112	3114
3114			Clear permit	0.25 hrs	13/10/21 12:30	13/10/21 12:45	3113	
3115		29C2FK03	A COMPACTOR LUBE OIL FLOW SWITCHES ENCLOSURE	5.75 hrs	13/10/21 12:45	14/10/21 07:30	3106	3124
3116			Accept permit	0.25 hrs	13/10/21 12:45	13/10/21 13:00		3117
3117			Mark Inst (Comp)ument signal cables	1 hr	13/10/21 13:00	13/10/21 14:00	3116	3118

ID	Task Mode	Asset Code	Task Name	Duration	Start	Finish	Predecessor	Successor
3118			Remove old junction box	0.5 hrs	13/10/21 14:00	13/10/21 14:30	3117	3119
3119			Inst (Comp)all Cable glands,DIN rail,connector blocks for new enclosure	2 hrs	13/10/21 14:30	13/10/21 16:30	3118	3120
3120			Mount new enclosure	0.5 hrs	13/10/21 16:30	13/10/21 17:00	3119	3121
3121			Reterminate Signal Cables	1 hr	13/10/21 17:00	13/10/21 18:00	3120	3122
3122			check all connections	0.25 hrs	14/10/21 07:00	14/10/21 07:15	3121	3123
3123			Clear permit	0.25 hrs	14/10/21 07:15	14/10/21 07:30	3122	
3124		29C6J01-M01	A COMP INSTRUMENTS JUNCTION BOX - 29C6J02 M01	5.75 hrs	14/10/21 07:30	14/10/21 13:45	3115	3133
3125			Accept permit	0.25 hrs	14/10/21 07:30	14/10/21 07:45		3126
3126			Mark Inst (Comp)ument signal cables	1 hr	14/10/21 07:45	14/10/21 08:45	3125	3127
3127			Remove old junction box	0.5 hrs	14/10/21 08:45	14/10/21 09:15	3126	3128
3128			Inst (Comp)all Cable glands,DIN rail,connector blocks for new enclosure	2 hrs	14/10/21 09:15	14/10/21 11:15	3127	3129
3129			Mount new enclosure	0.5 hrs	14/10/21 11:15	14/10/21 11:45	3128	3130
3130			Reterminate Signal Cables	1 hr	14/10/21 11:45	14/10/21 13:15	3129	3131
3131			check all connections	0.25 hrs	14/10/21 13:15	14/10/21 13:30	3130	3132
3132			Clear permit	0.25 hrs	14/10/21 13:30	14/10/21 13:45	3131	
3133		29C6J04-M01	A COMP INSTRUMENTS JUNCTION BOX - 29C6J04M01	5.75 hrs	14/10/21 13:45	15/10/21 08:30	3124	
3134			Accept permit	0.25 hrs	14/10/21 13:45	14/10/21 14:00		3135
3135			Mark Inst (Comp)ument signal cables	1 hr	14/10/21 14:00	14/10/21 15:00	3134	3136
3136			Remove old junction box	0.5 hrs	14/10/21 15:00	14/10/21 15:30	3135	3137
3137			Inst (Comp)all Cable glands,DIN rail,connector blocks for new enclosure	2 hrs	14/10/21 15:30	14/10/21 17:30	3136	3138
3138			Mount new enclosure	0.5 hrs	14/10/21 17:30	14/10/21 18:00	3137	3139
3139			Reterminate Signal Cables	1 hr	15/10/21 07:00	15/10/21 08:00	3138	3140
3140			check all connections	0.25 hrs	15/10/21 08:00	15/10/21 08:15	3139	3141
3141			Clear permit	0.25 hrs	15/10/21 08:15	15/10/21 08:30	3140	
3142		29C2GF03	# A1 PRE - Roller Crusher - Inspect Solenoid valves and Cylinder	2.75 hrs	11/10/21 07:00	11/10/21 09:45		3148
3143			Make out permit	0.25 hrs	11/10/21 07:00	11/10/21 07:15		3144
3144			Accept permit	0.25 hrs	11/10/21 07:15	11/10/21 07:30	3143	3145
3145			Inspect solenoid valve & cylinder and replace if necessary	1.5 hrs	11/10/21 07:30	11/10/21 09:00	3144	3146
3146			Test	0.5 hrs	11/10/21 09:00	11/10/21 09:30	3145	3147
3147			Clear permit	0.25 hrs	11/10/21 09:30	11/10/21 09:45	3146	
3148		29C2GF04	# A2 PRE - Roller Crusher Inspect Solenoid valves and Cylinder	2.75 hrs	11/10/21 09:45	11/10/21 13:00	3142	3154
3149			Make out permit	0.25 hrs	11/10/21 09:45	11/10/21 10:00		3150
3150			Accept permit	0.25 hrs	11/10/21 10:00	11/10/21 10:15	3149	3151
3151			Inspect solenoid valve & cylinder and replace if necessary	1.5 hrs	11/10/21 10:15	11/10/21 11:45	3150	3152
3152			Test	0.5 hrs	11/10/21 11:45	11/10/21 12:45	3151	3153
3153			Clear permit	0.25 hrs	11/10/21 12:45	11/10/21 13:00	3152	
3154		29C2GF05	# A3 PRE - Roller Crusher Inspect Solenoid valves and Cylinder	2.75 hrs	11/10/21 13:00	11/10/21 15:45	3148	3160
3155			Make out permit	0.25 hrs	11/10/21 13:00	11/10/21 13:15		3156
3156			Accept permit	0.25 hrs	11/10/21 13:15	11/10/21 13:30	3155	3157
3157			Inspect solenoid valve & cylinder and replace if necessary	1.5 hrs	11/10/21 13:30	11/10/21 15:00	3156	3158
3158			Test	0.5 hrs	11/10/21 15:00	11/10/21 15:30	3157	3159
3159			Clear permit	0.25 hrs	11/10/21 15:30	11/10/21 15:45	3158	
3160		29C2GF06	# A4 PRE - Roller Crusher -Inspect Solenoid valves and Cylinder	2.75 hrs	11/10/21 15:45	12/10/21 07:30	3154	3166
3161			Make out permit	0.25 hrs	11/10/21 15:45	11/10/21 16:00		3162
3162			Accept permit	0.25 hrs	11/10/21 16:00	11/10/21 16:15	3161	3163
3163			Inspect solenoid valve & cylinder and replace if necessary	1.5 hrs	11/10/21 16:15	11/10/21 17:45	3162	3164
3164			Test	0.5 hrs	11/10/21 17:45	12/10/21 07:15	3163	3165
3165			Clear permit	0.25 hrs	12/10/21 07:15	12/10/21 07:30	3164	

ID	Task Mode	Asset Code	Task Name	Duration	Start	Finish	Predecessors	Successor
3166		29C2GF07	# A7 PRE - Roller Crusher Inspect Solenoid valves and Cylinder	2.75 hrs	12/10/21 07:30	12/10/21 10:15	3160	3172
3167			Make out permit	0.25 hrs	12/10/21 07:30	12/10/21 07:45		3168
3168			Accept permit	0.25 hrs	12/10/21 07:45	12/10/21 08:00	3167	3169
3169			Inspect solenoid valve & cylinder and replace if necessary	1.5 hrs	12/10/21 08:00	12/10/21 09:30	3168	3170
3170			Test	0.5 hrs	12/10/21 09:30	12/10/21 10:00	3169	3171
3171			Clear permit	0.25 hrs	12/10/21 10:00	12/10/21 10:15	3170	
3172		29C2GF08	# A8 PRE - Roller Crusher -Inspect Solenoid valves and Cylinder	2.75 hrs	12/10/21 10:15	12/10/21 13:30	3166	
3173			Make out permit	0.25 hrs	12/10/21 10:15	12/10/21 10:30		3174
3174			Accept permit	0.25 hrs	12/10/21 10:30	12/10/21 10:45	3173	3175
3175			Inspect solenoid valve & cylinder and replace if necessary	1.5 hrs	12/10/21 10:45	12/10/21 12:45	3174	3176
3176			Test	0.5 hrs	12/10/21 12:45	12/10/21 13:15	3175	3177
3177			Clear permit	0.25 hrs	12/10/21 13:15	12/10/21 13:30	3176	