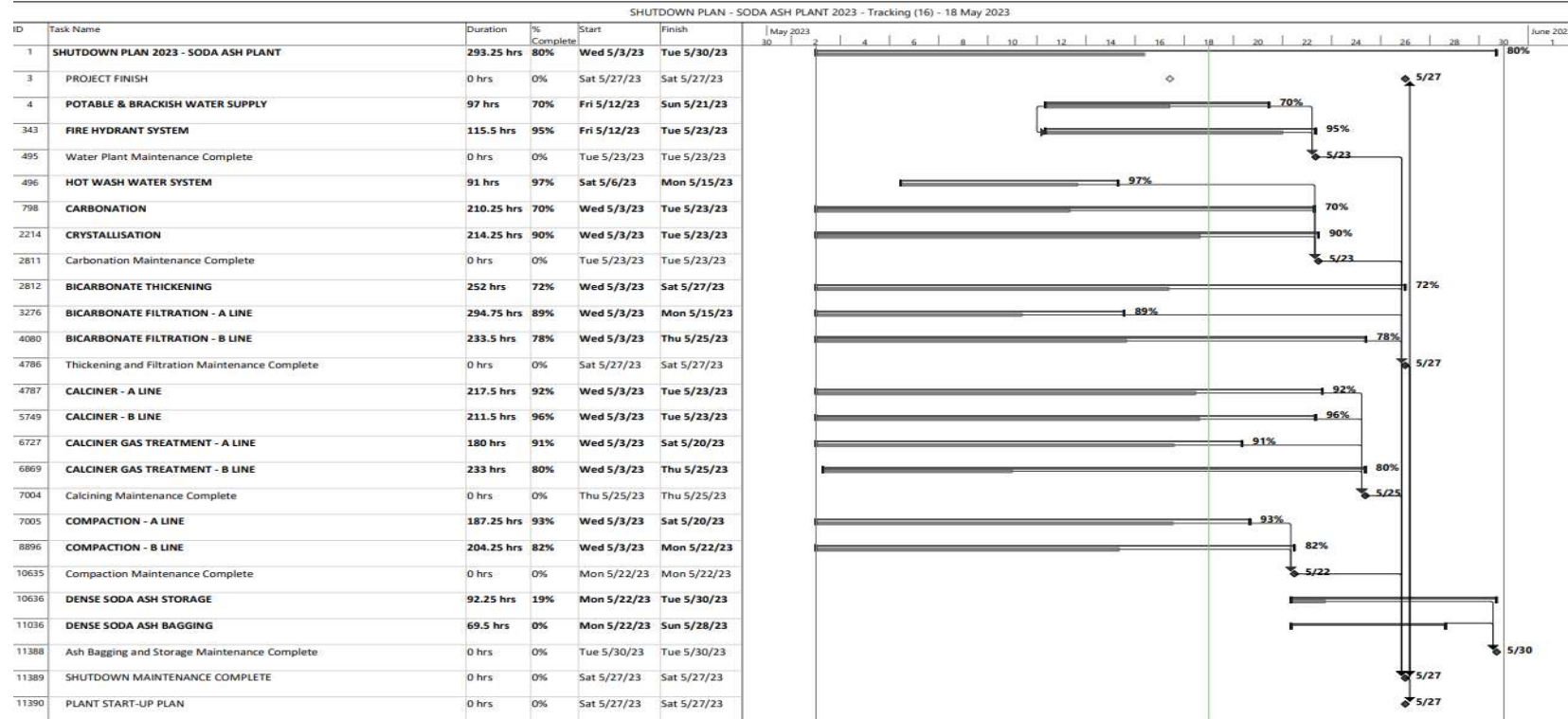


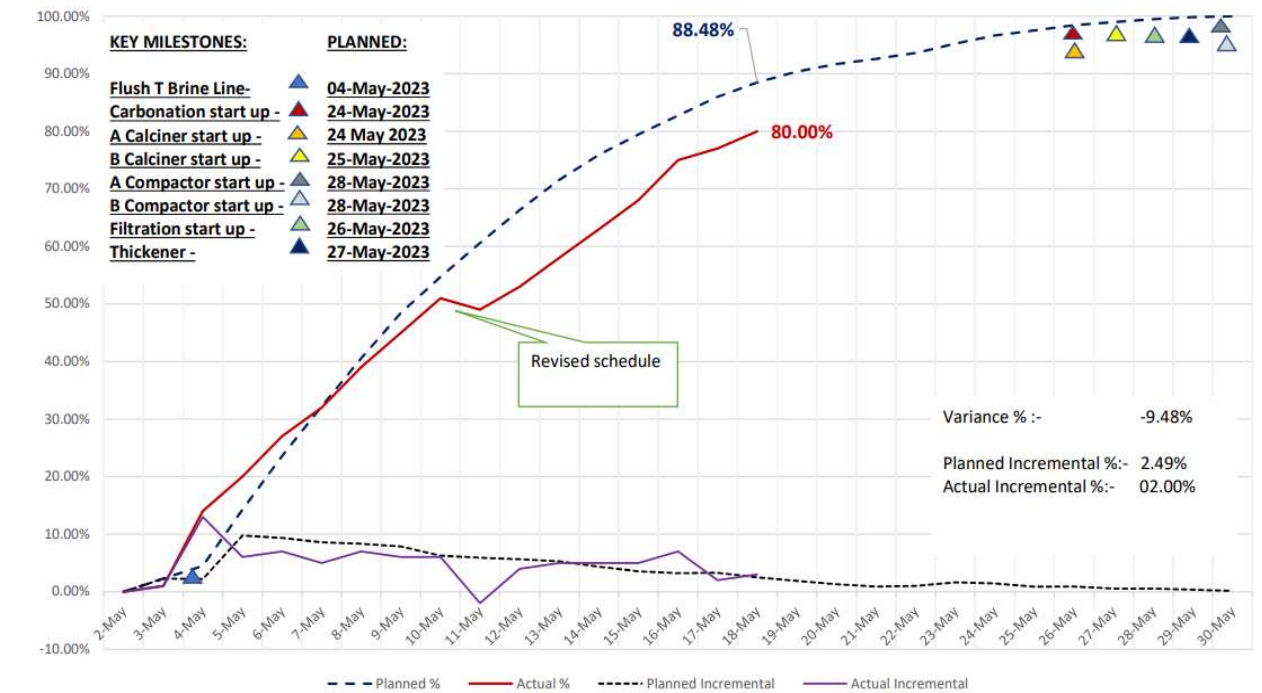


SODA ASH PLANT DASHBOARD

Drafted by: Slingshot Consultancy
STATUS DATE: 18-May-23



BOTSWANA - BOTASH REFRUBISHMENT PROJECT 2023 - SODA ASH PLANT - Update:- 18 May 2023 - Rev 02



SODA ASH PLANT KEY MILESTONES	PLANNED	FORECAST	Variance	DAYS TO COMPLETION	TOP 5 RISKS	
HOT WASH WATER SYSTEM	15-May-23	19-May-23	-3.95	9	1) B Compactor gearbox repairs 2) Thickener concrete repairs 3) Sec Carbo Gearbox repairs 4) Motors away for repairs 5) Possible rework	
CARBONATION	23-May-23	29-May-23	-6.00			
BICARBONATE THICKENING	27-May-23	28-May-23	-1.00			
BICARBONATE FILTRATION - A LINE	15-May-23	18-May-23	-3.09			
CALCINER - A LINE	23-May-23	24-May-23	-1.00			
COMPACTION - A LINE	20-May-23	21-May-23	-1.00			
Soda Ash Plant operational	30-May-23	31-May-23	-1.00			
PLANT SUB-AREA:	Planned	Actual	Variance	Planned % Increment	Actual % Increment	Risk
SHUTDOWN 2023 - SODA ASH	88.48%	80.00%	-8.48%	2.49%	3.00%	
POTABLE & BRACKISH WATER SUPPLY	93.46%	70.00%	-23.46%	5.78%	1.00%	
FIRE HYDRANT SYSTEM	90.08%	95.00%	4.92%	2.56%	0.00%	
HOT WASH WATER SYSTEM	100.00%	97.00%	-3.00%	0.00%	6.00%	
CARBONATION	94.48%	70.00%	-24.48%	3.49%	1.00%	
CRYSTALLISATION	89.28%	90.00%	0.72%	4.31%	9.00%	
BICARBONATE THICKENING	70.63%	67.00%	-3.63%	3.29%	6.00%	
BICARBONATE FILTRATION - A LINE	100.00%	89.00%	-11.00%	0.00%	4.00%	
BICARBONATE FILTRATION - B LINE	84.94%	78.00%	-6.94%	2.91%	1.00%	
CALCINER - A LINE	95.37%	92.00%	-3.37%	2.72%	2.00%	
CALCINER - B LINE	96.24%	96.00%	-0.24%	1.70%	0.00%	
CALCINER GAS TREATMENT - A LINE	98.31%	91.00%	-7.31%	1.45%	12.00%	
CALCINER GAS TREATMENT - B LINE	87.41%	80.00%	-7.41%	0.00%	0.00%	
COMPACTION - A LINE	97.84%	93.00%	-4.84%	2.38%	0.00%	
COMPACTION - B LINE	96.81%	82.00%	-14.81%	2.75%	2.00%	
DENSE SODA ASH STORAGE	0.00%	9.00%	9.00%	0.00%	8.00%	
DENSE SODA ASH BAGGING	0.00%	0.00%	0.00%	0.00%	0.00%	

LOOK AHEAD SCOPE OF WORKS (L/L)	POSSIBLE RISKS	MITIGATIONS ON RISKS
HWW Circulation lines - replace		
Thickner S.O.W	Revised S.O.W after Inspections	Double shift (C/Path)
Hot Wash Pumps		
HWW Instrumentation works		
Carbonation Feed heaters - cleaning		
A,B,C & D Sand Filters		
Carbonation Feed tank		
A Bicarbonate Belt Conveyor - Replace	Belt delivery	Low risk
Cloth Wash tank - relocate manhole		
Cloth Wash Pumps - Inspect		
Filtration pumps - overhaul	Workshop machining	Prioritise work load
Seal Water Heat Exchanger - Repair	Repairs in S.A.- turnaround time	ETA tba.
Vacuum Pumps - Inspection		
Electrical maint - Pumps	Motor repairs - outside Vendors	Prioritise work load
Bicarb Filtration air receivers - Clean		
Belt Filters - Struct, change to S/Steel		
B Belt Filters - check bearings / ripple skirting		
Replace slide gates		
Bitterns pumps		
Filter Feed pumps	Workshop machining	Prioritise work load
E & I Works		
Repair Fibre glass pipelines		