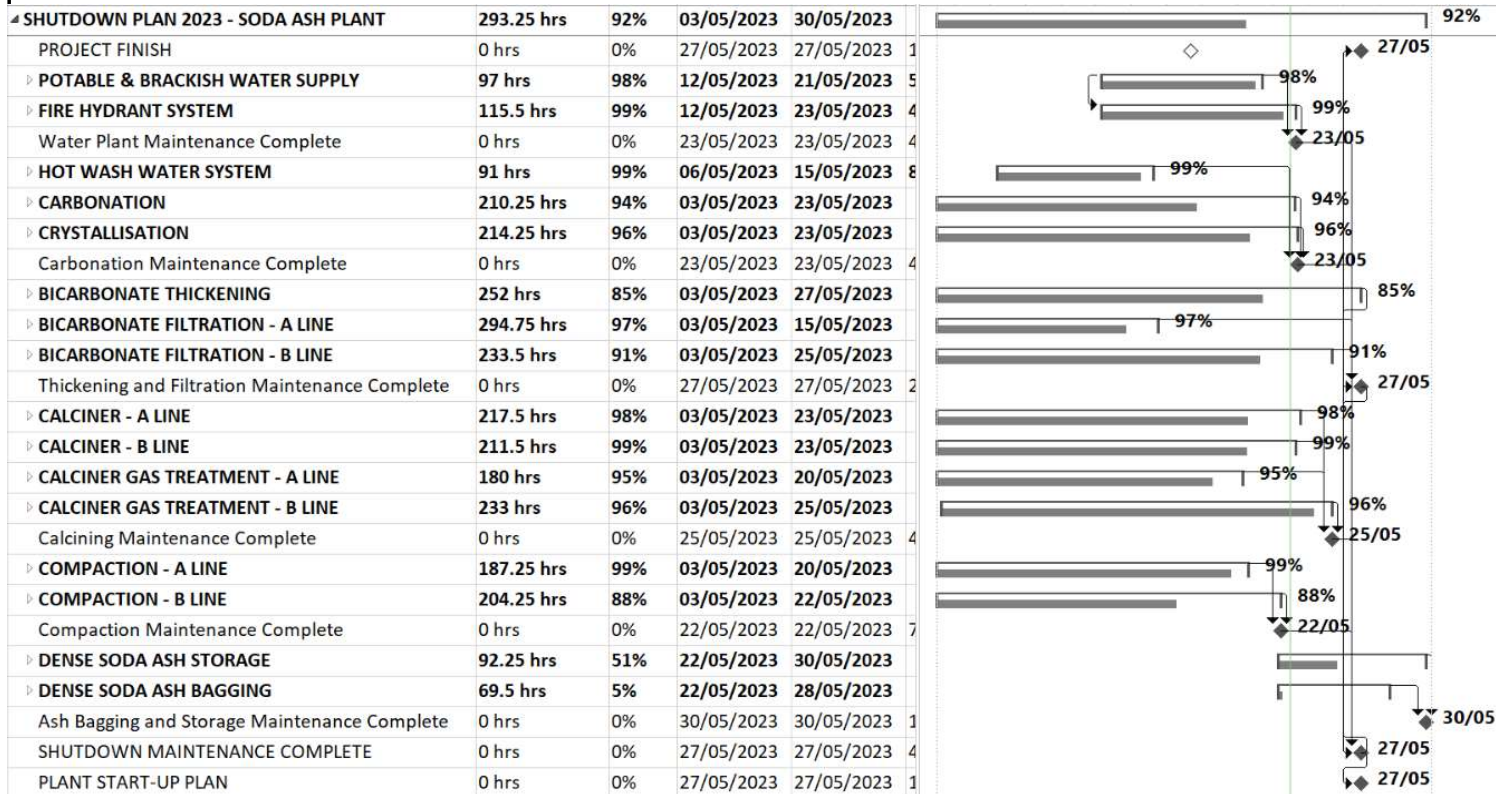


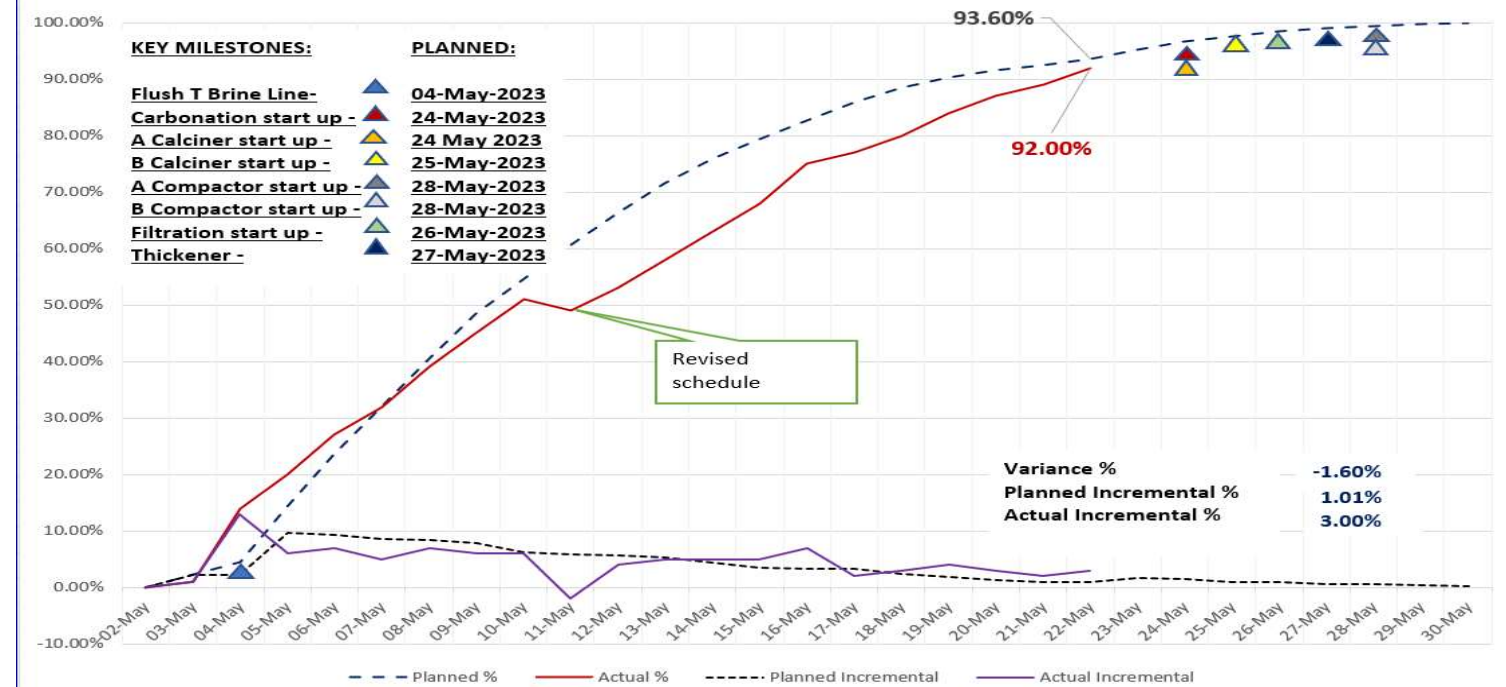


SODA ASH PLANT DASHBOARD

Drafted by: Slingshot Consultancy
STATUS DATE: 22-May-23



BOTSWANA BOTASH REFURBISHMENT PROJECT 2023 - SODA ASH PLANT :- 22-May-2023



SODA ASH PLANT KEY MILESTONES	PLANNED	FORECAST	Variance	DAYS TO COMPLETION	TOP 5 RISKS	
HOT WASH WATER SYSTEM	15-May-23	23-May-23	-7.77	5		
BICARBONATE THICKENING	27-May-23	28-May-23	-0.89			
BICARBONATE FILTRATION - A LINE	15-May-23	23-May-23	-8.29			
CALCINER - A LINE	23-May-23	23-May-23	0.21			
COMPACTION - A LINE	20-May-23	23-May-23	-2.50			
Soda Ash Plant operational	30-May-23	30-May-23	0.00			
PLANT SUB-AREA:	Planned	Actual	Variance	Planned % Increment	Actual % Increment	Risk
SHUTDOWN 2023 - SODA ASH	93.60%	92.00%	-1.60%	1.01%	3.00%	
POTABLE & BRACKISH WATER SUPPLY	100.00%	98.00%	-2.00%	0.00%	18.00%	
FIRE HYDRANT SYSTEM	99.67%	99.00%	-0.67%	2.56%	0.00%	
HOT WASH WATER SYSTEM	100.00%	99.00%	-1.00%	0.00%	0.00%	
CARBONATION	99.99%	94.00%	-5.99%	0.55%	6.00%	
CRYSTALLISATION	98.65%	96.00%	-2.65%	2.17%	1.00%	
BICARBONATE THICKENING	90.45%	85.00%	-5.45%	5.26%	2.00%	
BICARBONATE FILTRATION - A LINE	100.00%	97.00%	-3.00%	0.00%	0.00%	
BICARBONATE FILTRATION - B LINE	96.34%	91.00%	-5.34%	2.55%	5.00%	
CALCINER - A LINE	99.68%	98.00%	-1.68%	0.43%	1.00%	
CALCINER - B LINE	99.89%	99.00%	-0.89%	0.95%	0.00%	
CALCINER GAS TREATMENT - A LINE	100.00%	95.00%	-5.00%	0.00%	0.00%	
CALCINER GAS TREATMENT - B LINE	87.41%	96.00%	8.59%	0.00%	0.00%	
COMPACTION - A LINE	100.00%	99.00%	-1.00%	0.00%	0.00%	
COMPACTION - B LINE	100.00%	88.00%	-12.00%	0.21%	1.00%	
DENSE SODA ASH STORAGE	0.00%	51.00%	51.00%	0.00%	7.00%	
DENSE SODA ASH BAGGING	0.00%	5.00%	5.00%	0.00%	5.00%	

LOOK AHEAD SCOPE OF WORKS (L/L)	POSSIBLE RISKS	MITIGATIONS ON RISKS
DENSE SODA ASH BAGGING - maintenance		
SAND FILTER - Remove rubberlining then glasscoat tank		
SECONDARY CARBONATOR - Agitator shaft and steady rest replacement		
# 3 CRYSTALLISER FEEDPUMP B - Overhaul Pump		
THICKENING MAIN GEAR - Clean Out And Inspect The Main Gear		
THICKENER WALLS AND LAUNDER REPAIRS	Overshooting	Working extended hours
THICKENER LAUNDER - Install wash water pipes	Tier works	Consolidated Plan & HIRA
THICKENER RAKE - Inspect And Repair Rubber Lining	Tier works	Consolidated Plan & HIRA
THICKENER RAKE - Service Hydraulic Unit	Tier works	Consolidated Plan & HIRA
BITTERNS PUMP B - Replace pump		
BITTERNS PUMP A - Replace suction pipes and install suction bellow		
B BELT FILTER - Replace belt structure with stainless steel		
# B BELT FILTER - Inspect and replace bearings		
# B BELT FILTER - Remove the whole ripple skirting		
# A DOUBLE SHAFT MIXER - Carry Out Inspection on screws		
# A DOUBLE SHAFT MIXER - Replace couplings		
# A CALCINER - Repair Trunnion Roller guards		
# B SCREW FEEDER - Overhaul Screw Feeder		
# B COMPACTOR GEARBOX - Send for bearing landings corrections		
CRUSHER - Modify all crusher frames covers & guards		
# B FEED HOPPER WITH STIRRERS - Overhaul And Repair Base Plates		