Botswana Ash (Pty) Ltd

UTILITY PLANT DASHBOARD

Drafted by: Slingshot Consultancy STATUS DATE: 26-May-23

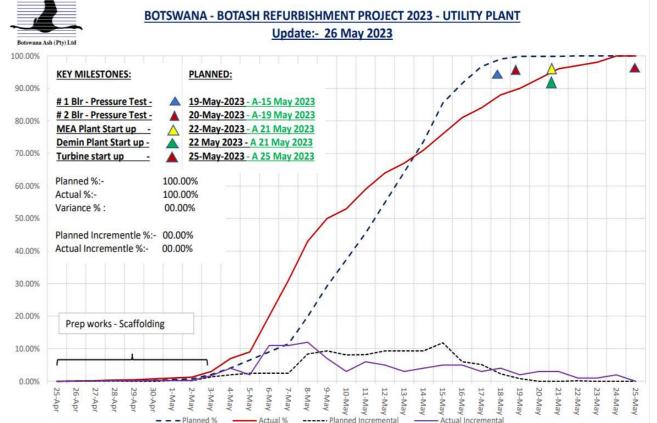
Botash Project - Utility Plant - TARGET SCHEDULE
Update 26 May 2023

Rev 04 Drafted by: Slingshot Consultants

)	Task Name	%	Duration	Start	Finish	Actual Start	Actual Finish	Baseline Start	Baseline Finish						
		Complete								100	1'23	Apr		May '2	14 21 2
1	BOTSWANA - BOTASH REFURBISHMENT PROJECT 2023 - UTILITY PLANT	100%	730 hrs	Wed 3/15/23	Fri 5/26/23	Wed 3/15/23	Fri 5/26/23	Wed 3/15/23	Mon 5/22/23	26	5 12 1	9 26 2	9 16 2	3 30 7	14 21 2
2	PROJECT MILESTONES	100%	240 hrs	Wed 5/3/23	Fri 5/26/23	Wed 5/3/23	Fri 5/26/23	Wed 5/3/23	Mon 5/22/23					-	-
40	SOLAR PONDS COOLING WATER LINE	100%	108.75 h	Mon 5/8/23	Thu 5/18/23	Mon 5/8/23	Thu 5/18/23	Mon 5/8/23	Thu 5/18/23	Ш				-	-
56	FLUE GAS DESULPHURISATION	100%	198.75 h	Wed 5/3/23	Mon 5/22/23	Wed 5/3/23	Mon 5/22/23	Wed 5/3/23	Mon 5/22/23	Ш				-	-
421	MEA SYSTEM ABSORBTION	100%	663.25 h	Wed 3/15/23	Sat 5/20/23	Wed 3/15/23	Sat 5/20/23	Wed 3/15/23	Sun 5/21/23	П	-		-	+	-
610	MEA SYSTEM STRIPPING	100%	183.5 hr	Wed 5/3/23	Sun 5/21/23	Wed 5/3/23	Sun 5/21/23	Wed 5/3/23	Sun 5/21/23	П				-	-
765	MEA SYSTEM RECLAIMER	100%	106.25 h	Fri 5/5/23	Tue 5/16/23	Fri 5/5/23	Tue 5/16/23	Fri 5/5/23	Tue 5/16/23					-	7
873	#1 BOILER	100%	421.5 hr	Mon 4/10/23	Mon 5/22/23	Mon 4/10/23	Mon 5/22/23	Sun 4/30/23	Mon 5/22/23				_	-	-
1785	# 2 BOILER	100%	216 hrs	Sun 4/30/23	Sun 5/21/23	Sun 4/30/23	Sun 5/21/23	Sun 4/30/23	Sun 5/21/23	П				-	-
2538	COAL HANDLING PLANT	100%	159.75 h	Fri 5/5/23	Sat 5/20/23	Fri 5/5/23	Sat 5/20/23	Fri 5/5/23	Sat 5/20/23					-	
2583	BOILER PLANT COMMON	100%	197.75 h	Wed 5/3/23	Mon 5/22/23	Wed 5/3/23	Mon 5/22/23	Wed 5/3/23	Mon 5/22/23					-	-
2785	WATER TREATMENT PLANT (DEMIN PLANT)	100%	250.75 h	Thu 4/27/23	Mon 5/22/23	Thu 4/27/23	Mon 5/22/23	Thu 4/27/23	Mon 5/22/23	П				—	—
3140	INSTRUMENT AIR COMPRESSOR SYSTEM	100%	174.5 hr	Mon 5/1/23	Fri 5/19/23	Mon 5/1/23	Fri 5/19/23	Mon 5/1/23	Fri 5/19/23					-	-
3173	STEAM AND CONDENSATE SYSTEM	100%	164.5 hr	Thu 5/4/23	Sat 5/20/23	Thu 5/4/23	Sat 5/20/23	Thu 5/4/23	Sat 5/20/23					-	
3413	TURBINE	100%	160.75 h	Fri 5/5/23	Sun 5/21/23	Fri 5/5/23	Sun 5/21/23	Fri 5/5/23	Sun 5/21/23	Ш				_	-
3671	MV RETICULATION	100%	129 hrs	Sat 5/6/23	Thu 5/18/23	Sat 5/6/23	Thu 5/18/23	Mon 5/8/23	Thu 5/18/23	П	Ш			-	-
4467	LV RETICULATION	100%	61.25 hr	Thu 5/11/23	Thu 5/18/23	Thu 5/11/23	Thu 5/18/23	Thu 5/11/23	Thu 5/18/23					I	-

UTILITY PLANT KEY MILESTONES	PLA	NNED	FOR	ECAST	Var	iance	DA۱	YS TO COME	PLETION	<u>TOP 5 F</u>	RISKS
# 1 Blr Pressure Test	19-	May-23	A 15	5/05/23		-3					
# 2 Blr Pressure Test	20-	May-23	A 19)/05/23		-1					
# 1 Blr Fires In	23-	May-23	A 24	1/05/23		-1					
# 2 Blr - Ready	24-	May-23	A 26	5/05/23		-2					
Steam and Condensate on Pressure	23-	May-23	A 24	1/05/23		-1					
MEA Plant ready for operation	22-	May-23	A 18	3/05/23		-4					
Coal Plant ready for operation	22-	May-23	A 24	1/05/23		-2					
								Planned %	Actu	al %	
PLANT SUB-AREA:		Plann	ed	Actua	ı	Varian	ce	Increment	Incre	ment	Risk
UTILITY PLANT - OVERALL		100.0	0%	100.00)%	0.00%	6	0.00%	0.0	2%	
FLUE GAS DESULPHURISATION		100.0	0%	100.00)%	0.00%	6	1.76%	0.0	0%	
MEA SYSTEM ABSORBTION		100.0	0%	100.00)%	0.00%	6	0.00%	0.0	0%	
MEA SYSTEM STRIPPING		100.0	0%	100.00)%	0.00%	6	0.00%	0.0	0%	

PLANT SUB-AREA:	Planned	Actual	Variance	Increment	Increment	Risk
UTILITY PLANT - OVERALL	100.00%	100.00%	0.00%	0.00%	0.02%	
FLUE GAS DESULPHURISATION	100.00%	100.00%	0.00%	1.76%	0.00%	
MEA SYSTEM ABSORBTION	100.00%	100.00%	0.00%	0.00%	0.00%	
MEA SYSTEM STRIPPING	100.00%	100.00%	0.00%	0.00%	0.00%	
MEA SYSTEM RECLAIMER	100.00%	100.00%	0.00%	0.00%	0.00%	
# 1 BOILER	100.00%	100.00%	0.00%	0.00%	0.00%	
# 2 BOILER	100.00%	100.00%	0.00%	0.00%	2.00%	
COAL HANDLING PLANT	100.00%	100.00%	0.00%	0.00%	0.00%	
BOILER PLANT COMMON	100.00%	100.00%	0.00%	0.00%	0.00%	
WATER TREATMENT PLANT (DEMIN)	100.00%	100.00%	0.00%	0.00%	0.00%	
INSTRUMENT AIR COMPRESSOR SYSTEM	100.00%	100.00%	0.00%	0.00%	1.00%	
STEAM AND CONDENSATE SYSTEM	100.00%	100.00%	0.00%	0.00%	0.00%	
TURBINE	100.00%	100.00%	0.00%	0.00%	0.00%	
MV RETICULATION	100.00%	100.00%	0.00%	0.00%	0.00%	
LV RETICULATION	100.00%	100.00%	0.00%	0.00%	0.00%	



LOOK AHEAD SCOPE OF WORKS	POSSIBLE RISKS	MITIGATIONS ON RISKS
Optimisation - ongoing		
- Ella	<u> </u>	
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