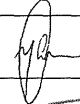
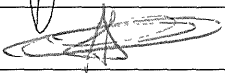
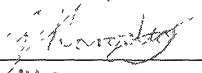
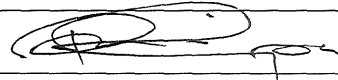


	Matla Power Station Re-stelliting of Valves	Document Identifier	14593	Rev	7
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		Review Date	October 2027		

PLANT AREA: Matla Power Station			
TITLE: Contract Scope for Re-stelliting of Valves			
REF: MET-053765	Reference Rev No:1	MULTIDISCIPLINARY: Yes	Plant Level: 1
COMPILED BY	Name: Yamkela Mahamba Systems Engineer	Signature 	Date 04/11/2025
APPROVED	Name: John Makuleka Line Manager Boiler Eng.	Signature 	Date 04/11/2025
APPROVED	Name: Zain Karodia Line Manager Turbine Eng.	Signature 	Date 04/11/2025
APPROVED	Name: Lindo Ngobese Group Manager	Signature 	Date 05/11/2025
REVIEWED	Name: Johan Lourens Quality Department	Signature 	Date 07/11/2025
REVIEWED	Name: Occupational Health and Safety	Signature	Date
REVIEWED	Name: MOSA CHIPA Environmental Department	Signature 	Date 07/11/2025
ACCEPTED	Name: Outage Manager/Maintenance manager	Signature M Nhlanhla	Date 07/11/2025

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ACCEPTED	Name: AIA	Signature	Date
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NB: Do not tamper with the template.

GENERAL

- Data books, reviews, reports, and diagrams/drawings shall be submitted to Engineering after the completion of the work. Engineering to forward the data books to Quality Department (Document Control)
- All QCP's to be submitted to Engineering and Quality for approval prior to outage/project or maintenance work commencement.

	SCOPE OF WORK DESCRIPTION / ACTIVITY	PROCEDURE, SPECIFICATION, ENG. REQUIREMENTS / DOCUMENTATION	HOLD POINTS, WITNESS, REPORTS	RESPONSIBLE PARTY
1.1	Occupational Health and Safety	• Health and safety file should be approved by Safety risk management department prior to any work commences on site • All work is to be done in accordance with OHS Act 85 of 1993, Matla plant procedures and Plant Safety Regulations (240-150642762) • Matla power station SHEQ induction must be done before access to site can be granted • The contractor should ensure that all employees have acquired the required competency for the task they are performing	Eskom to witness	Contractor

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		- The contractor to ensure compliance to updated legal requirements and other requirements BUY QUIET: All stakeholders are encouraged to purchase or rent quieter machinery, equipment, and tools to reduce worker noise exposure, contribute towards compliance to OHSA noise exposure limits and ultimately reduce the risk of noise induced hearing loss		
1 2	Environmental Management	- All activities listed in the National Environmental Act 107 of 1998, EIA Regulations as amended, must have environmental AUTHORISATION before commencement of work - The contractor shall comply with all applicable legal and other requirements - The polluter pays principle will be applied - The contractor manager shall ensure compliance with Eskom Matla Environmental procedures to ensure the prevention of pollution (refer OMOP 4090 and 4402) - The last payment will be processed based on the status of the last housekeeping check sheet (Annexure C OMOP 4402) of designated area - EMS file based on ISO14001 will be required	Eskom to witness	Contractor
1 3	Quality Management	The contractor/executioner of work will be responsible for drawing up all QCP documentation and this must be approved by engineering and authorised by the Quality Department before commencing with the work	Hold point	Contractor

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		- Contractors/executioner to adhere to QM 58 and OMOP4497 requirements - Number of NCR issued can affect your next tendering process - The QCP shall be signed progressively by the Engineer/Supervisor, Eskom QC Inspector, Contractor QC Inspector and/or AIA - No procuring of outage items without the approval of scopes by quality - All outage scopes creep and scopes addition should be approved by quality - No contractor should be in the possession of scopes for execution without the scopes approved by quality - The contractor is subjected to quality auditing at any point in time during execution of scope		
1 4	Inputs from other departments			
1 5	Commissioning reference			

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	SCOPE OF WORK DESCRIPTION / ACTIVITY Refurbishment of Pumps Scope	PROCEDURE, SPECIFICATION, ENG. REQUIREMENTS / DOCUMENTATION	HOLD POINTS, WITNESS, REPORTS	RESPONSIBLE PARTY
1	I. The scope of work includes conducting stellite repairs on the identified valves, as per the agreed scope with the Employer's engineering representative. II. This scope includes on-site in-situ repairs as well as off-site repairs at the Contractor's workshop. III. Determination of in-situ or off-site repairs will be agreed upon between the Contractor and the Employer's representative. For off-site repairs, the Contractor will be responsible to transport the valve, gaskets, nuts and bolts			Contractor

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	to and from Matla Power Station. Removal and installation of the valve will be done by Matla P.S. IV. The Contractor is responsible for providing manpower, consumables and any other resource/s required to perform the valve re-stellite and other activities required to return the valve to its intended state. V. The Contractor is required to provide all equipment and associated engineering services including design requirements and design calculations, as required by the applicable plant area design code to fulfil and execute the requirements of the scope of work to provide a fully operational system. VI. This contract will service the requirements of outages and as-required repairs by			
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	maintenance department or stores for repairs to stock valves VII All rigging equipment and resources will be provided by Eskom			
2.	WELDING REQUIREMENTS 1. The following requirements are applicable for all welding (site and workshop): a. The Contractor responsible for the welding shall be ISO 3834-2 certified and approved by the Employer to perform Level 1 welding related work (maintenance, refurbishment and fabrication). b. All welding shall be performed in accordance with 240-106628253 Standard for Welding Requirements on Eskom Plant.	c. All seats must be PMI tested to verify the base material and the overlay chemical composition of the seat d. If seats are removed from the valve body only machining or abrasive cutting will be allowed. Under no circumstance will flame cutting be allowed. e. Valve seats to be machined and cleaned to remove the existing stellite overlay as well as the heat affected zone (HAZ). f. If required, base material build-up welding shall be done before the new weld overlay with stellite can take place.	R	Contractor

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		g. A weld map and pictures must be submitted with the QCP to verify if base material weld build-up will be required before stellite overlay welding. Sizes must be included of the required weld thicknesses/layers. h. All welding procedure documents (WPQR, WPS, WQR and heat treatment procedure if required) as per the Eskom Weldin Standard 240- 106628253 that will be used must be submitted with the QCP for approval. i. Submit material certificate of the hard facing filler with chemical composition as well as the hardness value range j. Any heat treatment (as per the qualified WPS) will be done using calibrated recorders to generate the heat treatment chart. The HT chart and calibration certificate must be included in the final data pack.		
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		Eskom engineer. The valve must have a full unbroken sealing o. The re-stellited layer may need to be machined down/ lapped to the particular size until the blue check has been accepted.		
3.	NDT REQUIREMENTS NDT shall be performed by an Employer approved NDT company. The following document is applicable: 240-83539994 Standard for Non-Destructive Testing (NDT) on Eskom Plant.	- NDT will be done on all welds/ overlays and will consist of 100% surface and 100% volumetric testing where possible and will be indicated as such in the Quality Control Procedure (QCP). - All NDTs will be performed by the Matlas' appointed contractor (contractor to not quote on NDTs works). - Volumetric and PT will be performed	R	Contractor

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4	WELDING ACCPETANCE CRITERIA	All welds to pass level B as per ASTM A578 and 240-83539994 Standard for Non-Destructive Testing (NDT) on Eskom Plant.	R	Contractor
5	The contractor will be responsible for transporting the valves to and from site		H	Contractor
6.	The contractor will supply all required machinery for performing -in-situ repairs		H	Contractor
7.	The piping design code is BS EN13480 Boiler Design codes BS 1113 (original) and BS EN 12952	All welding requirements to be in accordance to BS EN ISO 15614		Contractor

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16	RL63S002	Isolating Valve	80	250	15M03	1	x	x	Reheat spray water isolating valve	6
17	RL63S001	Swing Check	80	250	15M03	1	x	x	Reheat spray water NRV	6
18	SA12S053	Globe	80	160	13Mo44	5	x	x	Turbine Warming	3
19	SH10S009	Angle	80	500	10CrMo910	5	x	x	HP warming v/v 1	3
20	SH10S010	Angle	80	500	10CrMo910	5	x	x	HP warming v/v 2	3
21	VF21S001	Control Valve	100	10	St35/Ck 22	1	x		CW supply to the BFPT main oil coolers	6
22	RL51S002	Control	100	320	WB-15Mo3	1	x	x	EFP A leak off valve	6
23	RL52S002	Control	100	320	WB-15Mo3	1	x	x	EFP B leak off valve (W&T)	6
24	RL01S006	Gate	100	16	ST35/C22	1	x	x	A -EFP Suction Balance line Isolating(9.5m level)	6
25	RL02S006	Gate	100	16	ST35/C22	1	x	x	B -EFP Suction Balance line Isolating(9.5m level)	6
26	RL03S006	Gate	100	16	ST35/C22	1	x	x	BFPT Suction Balance line	6

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									Isolating(9.5m level)	
27	RM00S021	Gate	100	10	St 37.2/HIII	1	x	x	Hotwell drain	4
28	RL51S003	Swing check	100	320	WB-15Mo3	1	x	x	Leak-off line back to the DST. (Under 6 m) (Ainsworth)	6
29	RL51S004	Gate	100	320	WB-15Mo3	1	x	x	Leak-off line back to the DST. (Under 6 m) (Ainsworth)	6
30	RM01S007	Gate	100	10	St35/C22	1	x	x	Basement Suction drain	4
31	RL52S003	Swing check	100	320	WB-15Mo3	1	x	x	Leak-off line back to the DST. (Under 6 m) (Ainsworth)	6
32	RL52S004	Gate	100	320	WB-15Mo3	1	x	x	Leak-off line back to the DST. (Under 6 m) (Ainsworth)	6
33	RL53S002	Control	100	320	WB-15Mo3	1	x	x	BFPT Leak off valve (6m level) (W&T)	6

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34	RL53S003	Control	100	320	WB-15Mo3	1	x	x	BFPT Leak off valve (6m level) (W&T)	6
35	RM02S007	Gate	100	10	St35/C22	1	x	x	Basement Suction drain	4
36	RM06S002	Gate	100	10	St35/C22	1	x	x	CRT drain valve	4
37	RM09S001	Gate	100	10	ST35/C22	1	x	x	Under condenser/CPP room	4
38	RN10S011	Swing Check	100	40	ST35/HIII	1	x	x	LP Pump drain discharge.	6
39	RN10S012	Gate	100	40	ST35/C22	1	x	x	Leak-off for darin pumps	6
40	RN10S013	Swing check	100	40	ST35/HIII	1	x	x	LP Pump drain discharge.	3
41	RN10S014	Gate	100	40	St35/C22	1	x	x	LP Pump drain discharge.	3
42	RQ20S001	Gate	100	25	St35.8/C22N	1	x	x	Sealing steam system (A.S H)	3
43	SA11S052	Globe	100	160	ST35.8/St35.8	1	x	x	Turbine Warming	3
44	SA11S552	Check	100	160	St38 5/C22N	1	x	x	Turbine Warming	6
45	SA12S052	Globe	100	25/40	ST35 8/	1	x	x	Turbine Warming	6

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55	RM71S003	Gate	125	16	St35/HIII	1	x	x	Discharge isolating valve	6
56	RM72S002	Swing check	125	16	ST35/HIII	1	x	x	NRV On BFPT extraction pump Discharge	6
57	RM72S003	Gate	125	16	St35/HIII	1	x	x	Discharge isolating valve	6
58	SG21S521	Swing check	125	6	St35/St35 8	1	x	x	Vapour Steam (9 5m)	6
59	SD57S002	Swing check	125	10	St35/HIII	1	x	x	Water ejector pump BFPT (A)	6
60	SD58S002	Swing check	125	10	St35/HIII	1	x	x	Water ejector pump BFPT (B)	3
61	RL53S004	Swing check	150	320	WB-15Mo3	1	x	x	Leak-off line back to the DST (Under 6 m) (Ainsworth)	6
62	RL53S005	Gate	150	320	WB-15Mo3	1	x	x	Leak-off line back to the DST. (Under 6 m) (Ainsworth)	6
63	RN10S002	Swing check	150	40	St37.2/HIII	1	x	x	Drain pump bypass	6
64	RN10S005	Swing check	150	40	St37.2/HIII	1	x	x	Drain pump bypass	6

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74	VD20S062	Gate	150	10	CS	1	x	x	Boiler Aux clng wtr outlet(B wtr wtr coolers)	6
75	RP61S001	Control Valve	200	100/40	15Mo3	1	x		HP Htr 5A dist drain ahead of RP63S001 (Torque 80Nm)	6
76	RP62S001	Control Valve	200	100/40	15Mo3	1	x		HP Htr 5B dist drain ahead of RP64S001 (Torque 80Nm)	6
77	RP63S001	Control Valve	200	100/100	15Mo3	1	x		HP Htr 6 & 5A dist drain to cndser (Torque 50Nm)	6
78	RP64S001	Control Valve	200	100/100	15Mo3	1	x		HP Htr 6 & 5B dist drain to cndser (Torque 50Nm)	6
79	RN30S002	Control Valve	200	16	St 37 2/C22	1	x		LP Htr 3 Drain Reg Valve to condensor	6
80	RN31S001	Control Valve	200	16	St37.2/C22	1	x		LP Htr 3 distelate (aux) drain to condenser	4
81	RM05S001	Control valve	200	25	St37.2/C22N	1	x		Under the condenser	4

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104	RP52S003	Control Valve	250	40	St37.2/HII	1	x		HP Htr 5B distillate drain to DST	4
105	RP53S001	Control Valve	250	40	St37.2/C22	1	x		HP Htr 5A aux drain valve to cndser (Torgue 80Nm)	4
106	RP54S001	Control Valve	250	40	St37.2/C22	1	x		HP Htr 5B aux drain valve to condenser (Torgue 80Nm)	4
107	VF11S001	Control Valve	250	10	St37.2/Ck 22	1	x		CW supply to main oil coolers	4
108	SG20S001	Control Valve	250	25/16	St35.8	1	x		Gland steam pressure Regulating valve	4
109	RL40S001	Gate	250	400	WB36/WB36	4	x	x	HP HTR bypass valve (3m Level) (Ainsworth)	4
110	RH10S002	Gate	250	10	St37.2/N III	1	x	x	Inlet to the make-up water HTR, distelate side.	6
111	RM03S002	Control valve	250	16	St37.2/C22	1	x	x	Cond Cooling spray (W&T)	6

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112	RN10S003	Gate	250	40	St37 2/HIII	1	x	x	Outlet of drain pump	3
113	RN10S006	Gate	250	40	St37.2/HIII	1	x	x	Outlet of drain pump	6
114	RN10S007	Control	250	40	ST37.2/C22	1	x	x	Common discharge manifold (W&T)	3
115	RN10S016	Gate	250	40	St37.2/HIII	1	x	x	Zero meter level by LP HTR 1	6
116	RP51S001	Swing Check	250	40	ST37.2/HIII	1	x	x	Line between HP htr and DST.	6
117	RP51S002	Gate	250	40	ST37 2/HIII	1	x	x	Line between HP htr and DST	3
118	RP51S003	Control Valve	250	40	St378 2/HII	1	x	x	Before DST (W&T)	6
119	RP52S001	Swing Check	250	40	ST37 2/HIII	1	x	x	Line between HP htr and DST.	6
120	RP52S002	Gate	250	40	ST37.2/HIII	1	x	x	Line between HP htr and DST	4
121	RP52S003	Control Valve	250	40	St378 2/HII	1	x	x	Before DST (W&T)	4
122	RP53S001	Control valve	250	40	St37 2-C22	1	x	x	Flash Box 5 (W&T)	6

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123	RP54S001	Control Valve	250	40	St37.2-C22	1	x	x	Flash Box 5 (W&T)	6
124	SD17S001	Gate	250	16	St 2/HIII	1	x	x	Water Ejector pump (A)	4
125	SD18S001	Gate	250	16	St.2/HIII	1	x	x	Water Ejector pump (B)	6
126	SD19S001	Gate	250	16	St.2/HIII	1	x	x	Water Ejector pump (C)	6
127	SD20S001	Gate	250	16	St.2/HIII	1	x	x	Water Ejector pump (D)	4
128	RN20S002	Control Valve	300	16	St37 2/C22	1	x		LP Htr 2 Drain Reg valve to condenser	4
129	RN21S001	Control Valve	300	16	St37.2/C22	1	x		LP Htr 2 distillate(aux) drain v/v to condenser	4
130	SG60S001	Control Valve	300	16	-	1	x		BFPT seal steam regulating valve	4
131	RL01S001	Gate	300	16	St 37 - 2	1	x	x	DST outlet to EFP A (Sulzer) (35m Level)	6
132	RM00S022	Gate	300	16	St 37.2/HIII	1	x	x	Flushing connection	4
133	RM06S003	Control valve	300	10	St37.2/C22N	1	x	x	Condenser	4

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134	RM06S007	Gate	300	16	St37.2/HIII	1	x	x	Condensor Emg Make-up Hand Isol v/v	4
135	RM21S017	Check	300	16	ST37.2/HIII	1	x	x	Condensate To Polisher Inlet NRV (CPP Room)	6
136	RM22S017	Check	300	16	ST37.2/HIII	1	x	x	Condensate To Polisher Inlet NRV (CPP Room)	4
137	RM23S017	Check	300	16	ST37.2/HIII	1	x	x	Condensate To Polisher Inlet NRV (CPP Room)	4
138	RN20S001	Gate	300	10	St37.2/HIII	1	x	x	Zero meter level by LP HTR 1	5
139	RN20S002	Control valve	300	16	St37.2/C22	1	x	x	LP HTR 1 (W&T)	4
140	RP51S004	Gate	300	40	St37.2/HIII	1	x	x	Before DST	3
141	RP52S004	Gate	300	40	St37.2/HIII	1	x	x	Before DST	3
142	SG21S520	Swing check	300	6	HIII/HIII	1	x	x	Vapour Steam (9.5m)	6
143	RF50S001	Swing check	350	40	15Mo3	1	x	x	Extraction 5E (9.5 level under the IP turbine)	6

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144	RN10S001	Gate	350	10	St37.2/HIII	1	x	x	Drain pump inlet	6
145	RN10S004	Gate	350	10	St37 2/HIII	1	x	x	Drain pump inlet	4
146	RM20S001	Control Valve	400	16	St37 2/Ck22	1	x		CPP Bypass	6
147	RM01S002	Swing check	400	16	St37.2/HIII	1	x	x	CEP discharge (1st stage)	6
148	RM01S003	Gate	400	16	St37 2/HIII	1	x	x	CEP discharge (1st stage.)	6
149	RM01S004	Gate	400	16	St37 2/HIII	1	x	x	Inlet to CEP (2nd stage.)	3
150	RM01S005	Swing check	400	16	St37 2/HIII	1	x	x	CEP discharge (2nd stage.)	3
151	RM01S006	Gate	400	16	St37.2/HIII	1	x	x	CEP discharge (2nd stage.)	3
152	RM02S002	Swing check	400	16	St37 2/HIII	1	x	x	CEP discharge (1st stage)	3
153	RM02S003	Gate	400	16	St37 2/HIII	1	x	x	CEP discharge (1st stage)	3
154	RM02S004	Gate	400	16	St37 2/HIII	1	x	x	Inlet to CEP (2nd stage)	3
155	RM02S005	Swing check	400	16	St37 2/HIII	1	x	x	CEP discharge (2nd stage.)	3

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156	RM02S006	Gate	400	16	St37.2/HIII	1	x	x	CEP discharge (2nd stage)	3
157	RM20S001	Control valve	400	16	ST37.2/C22N	1	x	x	Bypass CPP.(W&T)	4
158	RM30S001	Gate	400	40	HIII/HIII	1	x	x	Bypass LP HTR 1	4
159	RM40S001	Gate	400	40	HIII/HIII	1	x	x	Bypass LP HTR 2	4
160	RM50S001	Gate	400	40	HIII/HIII	1	x	x	Bypass LP HTR 3	4
161	RH45S001	Swing Check	450	25	HIII/A106	1	x	x	Extraction 4B	4
162	RH45S002	Gate	450	25	HIII/HIII	1	x	x	Extraction 4B	4
163	RM00S003	Control Valve	500	16	St37 2/C22	1	x		Condenser Level Reg V/v (CLC)	4
164	RM00S004	Control Valve	500	40	St37.2/C22	1	x		DST Level Reg (2nd stage CEP discharge to LP Htr 1)	4
165	RH40S001	Swing Check	500	25	H III/A106Gr8	1	x	x	Extraction 4A	6
166	RM00S014	Swing Check	500	40	HIII/HIII	1	x	x	Before the DST	3
167	RM10S001	Gate	500	16	ST37.2/HIII	1	x	x	Bypass gland steam condenser	6

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168	RH30S001	Swing Check	600	10	St37.2/142C1	1	x	x	Extraction 3	3
169	RC01S001	Swing check	700	100	15Mo3	1	x	x	Cold reheat line. (near flashboxes 1,2&3)	6
170	RC02S001	Swing check	700	100	15Mo3	1	x	x	Cold reheat line. (near flashboxes 1,2&3)	6
171	RM01S001	Gate	800	10	St37.2/HIII	1	x	x	Inlet to CEP (1st stage)	3
172	RM02S001	Gate	800	10	St37 2/HIII	1	x	x	Inlet to CEP (1st stage.)	3
173	RC30S002	Control Valve	150/200	100	15Mo3	1	x		Cold reheat steam to aux steam header	6
174	RC10S002	Control Valve	300/600	100/25	15Mo3/H III	1	x		Cold reheat steam to Dearator	6

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Boiler Valves

#	Alpha numeric	Type	NB (mm)	Weld width range (mm)	PN (Bar)	Material	Welding Group	Body to be re-stellitted	Disk/globe to be resetlitted	Location	Number of restelliting over Contract Period
1.	NC01S001-30	Globe	50	5	500	15Mo3	1	X	X	4 5ML above ash hopper	30
2.	NC01S031	PS	50	10	500	15Mo3	1	X	X	4.5ML above ash hopper	5
3.	NC01S032	SDNRV	50	10	500	15Mo3	1	X	X	4 5ML above ash hopper	5
4.	NC01S033	PS	75	10	500	15Mo3	1	X	X	4 5ML above ash hopper	5
5.	NC01S034	SDNRV	75	10	500	15Mo3	1	X	X	4 5ML above ash hopper	5
6.	NA01S010	PS	50	10	500	15Mo3	1	X	X	4 5ML above ash hopper	5
7.	NA01S011	Globe	50	10	500	15Mo3	1	X	X	4.5ML above ash hopper	5

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8.	NA01S012	SDNRV	50	10	500	15Mo3	1	X	X	4 5ML above ash hopper	5
9.	NA7[1-4]S014	PS	50	10	500	11CrMo9-10	5	X	X	64ML	2
10.	NA71S019	PS	75	10	500	11CrMo9-10	5	X	X	64ML	2
11.	NA74S019	PS	75	10	500	11CrMo9-10	5	X	X	64ML	2
12.	NA71S119	Globe	100	5	500	11CrMo9-10	5	X	X	64ML	4
13.	NA71S119	Globe	100	5	500	11CrMo9-10	5	X	X	64ML	4
14.	NA11S001-2	PS	150	20	500	15Mo3	1	X	X	35ML	4
15.	NA21S001-2	PS	150	20	500	15Mo3	1	X	X	35ML	4
16.	RL80S001	PS	406	30	500	15Mo3	1	X	X	9.5ML	1
17.	RL80S002	PS	228	20	500	15Mo3	1	X	X	9.5ML	1
18.	RL80S004	PS	228	20	500	15Mo3	1	X	X	9.5ML	1
19.	RL80S006	PS	228	20	500	15Mo3	1	X	X	9.5ML	1
20.	RL80S007	PS	228	20	500	15Mo3	1	X	X	9.5ML	1

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21.	RTB	SFNRV	100	5	160	10CrMo9-10	5	X	X	4.5ML	5
22.	RT03S005	Wedge	100	15	160	10CrMo9-10	5	X	X	4 5ML	5
23.	RT03S006	Wedge	100	15	160	10CrMo9-10	5	X	X	4.5ML	5
24.	RT02S002	Wedge	100	15	63	1 7357	5	X	X	4 5ML	5
25.	RT02S003	Wedge	100	15	63	1.7357	5	X	X	4.5ML	5
26.	RC01S002	Globe	100	5	63	1.7357	5	X	X	4.5ML	5
27.	RC01S003	Globe	100	5	63	1 7357	5	X	X	4 5ML	5
28.	RC02S002	Globe	100	5	63	1.7357	5	X	X	4 5ML	5
29.	RC02S003	Globe	100	5	63	1 7357	5	X	X	4.5ML	5
30.	RB00S100	Globe	100	5	63	10CrMo9-10	5	X	X	4 5ML	5
31.	RB00S101	Globe	100	5	63	10CrMo9-10	5	X	X	4.5ML	2
32.	NV10S001	PS	63 5	10	63	15Mo3	1	X	X	64ML	2
33.	NV10S012	PS	63 5	10	63	15Mo3	1	X	X	64ML	2
34.	NV10S013	SDNRV	63.5		63	15Mo3	1	X	X	64ML	2
35.	NV10S002	PS	63.5	10	63	15Mo3	1	X	X	64ML	2

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36.	NV10S003	PS	63.5	10	63	15Mo3	1	X	X	64ML	2
37.	NV10S004	PS	63.5	10	63	15Mo3	1	X	X	64ML	2
38.	NV10S016	SDNRV	63.5	5	63	15Mo3	1	X	X	64ML	2
39.	NW10S001	Wedge	100	100	320	15Mo3	1	X	X	4.5ML	2
40.	NW51S018	PS	75	10	400	15Mo3	1	X	X	64ML	1
41.	NW51S019	PS	75	10	400	15Mo3	1	X	X	64ML	1
42.	NW51S020	PS	75	10	400	15Mo3	1	X	X	64ML	1
43.	NW51S021	PS	75	10	400	15Mo3	1	X	X	64ML	1
44.	NW52S018	PS	75	10	400	15Mo3	1	X	X	64ML	1
45.	NW52S019	PS	75	10	400	15Mo3	1	X	X	64ML	1
46.	NW52S020	PS	75	10	400	15Mo3	1	X	X	64ML	1
47.	NW52S021	PS	75	10	400	15Mo3	1	X	X	64ML	1
48.	NW53S018	PS	75	10	400	15Mo3	1	X	X	64ML	1
49.	NW53S019	PS	75	10	400	15Mo3	1	X	X	64ML	1
50.	NW53S020	PS	75	10	400	15Mo3	1	X	X	64ML	1
51.	NW53S021	PS	75	10	400	15Mo3	1	X	X	64ML	1
52.	NW54S018	PS	75	10	400	15Mo3	1	X	X	64ML	1
53.	NW54S019	PS	75	10	400	15Mo3	1	X	X	64ML	1

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54.	NW54S020	PS	75	10	400	15Mo3	1	X	X	64ML	1
55.	NW54S021	PS	75	10	400	15Mo3	1	X	X	64ML	1
56.	NW21S020	PS	50	10	250	15Mo3	1	X	X	52ML	1
57.	NW21S021	PS	50	10	250	15Mo3	1	X	X	52ML	1
58.	NW21S022	PS	50	10	250	15Mo3	1	X	X	52ML	1
59.	NW21S023	PS	50	10	250	15Mo3	1	X	X	52ML	1
60.	NW22S020	PS	50	10	250	15Mo3	1	X	X	52ML	1
61.	NW22S021	PS	50	10	250	15Mo3	1	X	X	52ML	1
62.	NW22S022	PS	50	10	250	15Mo3	1	X	X	52ML	1
63.	NW22S023	PS	50	10	250	15Mo3	1	X	X	52ML	1
64.	NW23S020	PS	50	10	250	15Mo3	1	X	X	52ML	1
65.	NW23S021	PS	50	10	250	15Mo3	1	X	X	52ML	1
66.	NW23S022	PS	50	10	250	15Mo3	1	X	X	52ML	1
67.	NW23S023	PS	50	10	250	15Mo3	1	X	X	52ML	1
68.	NW24S020	PS	50	10	250	15Mo3	1	X	X	52ML	1
69.	NW24S021	PS	50	10	250	15Mo3	1	X	X	52ML	1
70.	NW24S022	PS	50	10	250	15Mo3	1	X	X	52ML	1
71.	NW24S023	PS	50	10	250	15Mo3	1	X	X	52ML	1

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SCOPE COMPILATION REFERENCES				
SOURCE & Ref No.	Yes	No	N/A	Comments
Previous outage service reports	X			
Return to service data packages	X			
Maintenance Strategy with Rev number	X			
SAP defects (attach list as appendix)		X		
GHRMS (STEP) reports (Generation Heat Rate Management System)		X		
Online Condition Monitoring		X		
Pre-outage performance test results		X		
Post outage performance test results	X			
GPSS/ Plant Performance data on UCLF incurred		X		
OMS / IIRMS recommendations (Audits Reports)		X		
Risk controls (IRM system)		X		
Previous audits and reviews (e.g. ERAP)		X		
Engineering Change Requests (Projects)		X		
LOPP strategy reports		X		

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URS	X			
Philosophy (Outage)	X			
Condition Monitoring Report	X			
VA/PHD Viewer trends		X		
Corrective Actions		X		
CARAB reports		X		
Statutory Requirements		X		
Grid code requirements		X		
Waivers and Exemptions		X		
Calibration requirements		X		
Previous Outage SOW variations	X			
Post Mortems Actions from previous outages		X		
Pre-Outage plant walks		X		
Risk based inspection (RBI) report		X		
Simulation, TOIs, OON, SI		X		

COMMENTS

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