

	MATLA POWER STATION SCOPE OF WORK	Template Identifier	240-43921898	Rev	6
		Document Identifier	14593	Rev	4
		Effective Date	04 October 2019		
		Review Date	October 2022		

PLANT AREA: Matla Power Station			
TITLE: Supply and Delivery of the C&I Field Instrumentation			
REF: MEC-05831	Reference Rev No:1	MULTIDISCIPLINARY: No	Plant Level: All
COMPILED BY		Signature:	Date:
REVIEWED BY		Signature:	Date:
REVIEWED BY		Signature:	Date:
APPROVED		Signature:	Date:
APPROVED		Signature:	Date:

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.

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	PROCEDURE, SPECIFICATION, ENG. REQUIREMENTS / DOCUMENTATION	HOLD POINTS, WITNESS, REPORTS	RESPONSIBLE PARTY
1.1	<ul style="list-style-type: none">All work is to be done in accordance with Matla plant procedures and safety regulations. (GGR 0992).Matla power station induction must be done before any work commences.Permit to work must be in place before any work commences.Worker's register must be completed, and daily risk assessment conducted before any work commences.	Eskom to witness.	Contractor
1.2	<ul style="list-style-type: none">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	<ul style="list-style-type: none">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.Contractors/executioner to adhere to QM 58 and OMOP4497 requirements	Hold point	Contractor

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	<ul style="list-style-type: none"> 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			

	SCOPE OF WORK DESCRIPTION / ACTIVITY	PROCEDURE, SPECIFICATION, ENG. REQUIREMENTS / DOCUMENTATION	HOLD POINTS, WITNESS, REPORTS	RESPONSIB LE PARTY
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	Supply and Deliver Field Instrumentation as listed below on the bill of material	<p>Supply and deliver new field Instrumentation as per the list and specifications outlined below and according to the indicated quantities. The Field instrumentation shall be packaged and handled properly according to the OEM and industry best practices.</p> <p>The Supplier shall be able to supply no less than the required quantities indicated. All the instrumentation delivered needs to have a minimum of 1 year warranty/guarantee accompanying it.</p>		Contractor
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BILL OF MATERIAL

	Full description Material/Spares/Equip ment	Specifications of Material/Spares/Equipment	Stock No	Part Number	Required Quantity
1.	Hopper Level Transmitter	Detector level Gamma pilot DETECTOR: TYPE: LEVEL; RATING: 24 VDC; GAMMAPILOT RADIOMETRIC POINT LEVEL SWITCH; IP67; TYPE 4/6 ENCLOSURE; PART NO: FTG20-11E7/0;	614301	PART NO: FTG20-11E7/0;	100
2.	Equal Elbow	12mm x 12mm ELBOW, PIPE: SIZE: 12 MM; CONNECTION: COMPRESSION; MATERIAL: PLASTIC; DEGREE: 90 DEG; EQUAL; LEGRIS; SHORT; TOTAL LENGTH: 40. 5MM; REFERENCE NO: 3102-12- 00;	59458	REFERENCE NO: 3102 12 00	100
3.	Reducer 12x8mm	12mm x 8mm REDUCER, TUBE: NOMINAL SIZE: 12 X 8 MM; CONNECTION: COMPRESSION; MATERIAL: PLASTIC; LENGTH 48.0MM, OD 17MM; PART NO: 3166-08-12. MATLA; LEGRIS BRAND ONLY.	59467	PART NO:3166 08 12	200

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4.	Valve solenoid	VALVE, SOLENOID: PIPE SIZE: 11 MM; STYLE: 5/2; POTENTIAL: 24 V; ENCLOSURE RATING: IP65; DESIGN RATING: 2-10 BAR; CONNECTION: G 1/2 IN; BODY MATERIAL: ALUMINIUM; OPERATED: PNEUMATIC ACTUATOR; MEDIUM: FILTERED COMPRESSED AIR; PART NO: 159700;	568214	PART NO: 159700;	200
5.	Marton air kit	Kit valve RPR KIT, VALVE REPAIR: TYPE: CHANGE OVER; APPLICATION: DUST PLANT; FOR MARTONAIR AIR CHANGE-OVER VALVE; MODEL NO: QS/1340/6/00; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	70733	QS/1340/6/00	200
6.	Marton air	Valve (Change over) VALVE: TYPE: CHANGE OVER; DESIGN RATING: 0.7-10 BAR; TEMPERATURE RATING: 5-75 DEG C; CONNECTION: 1/4 IN-FBSP; OPERATED: AIR; BODY MATERIAL: BRS; STYLE: 3 PORT; 2 POSITION; PART NO: S/1340/14,	70731	S/1340F/14	300
7.	Quick exhaust diaphragm	Shrader bellows	70736	REFERENCE NO: 3340 CR	500

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		KIT, VALVE REPAIR: TYPE: DIAPHRAGM; FOR QUICK EXHAUST VALVE; SCHRADER BELLOWS BRAND; REFERENCE NO: 3340CR;			
8.	Quick exhaust big	½ inch NPT Female VALVE, SOLENOID: PIPE SIZE: 1/2 IN; CONNECTION: FNPT; QUICK EXHAUST VALVE; REFERENCE NO: 3340C;	70735	REFERENCE 3340 C	200
9.	Joucomatic direct	Direct Control VALVE, SOLENOID: STYLE: 3/2 WAY; POTENTIAL: 48 VAC; DESIGN RATING: 0-10 BAR; OPERATED: SOLENOID; COIL: 24 VDC; 50-60HZ; DIRECT CONTROL; TEMPERATURE RANGE - 10DEG TO 60DEG C; COMPLETE WITH MANUAL OVERRIDE SCREW; PART NO: 19000-006,	62506	PART NO: 190 00 006	100
10.	Joucomatic compact	Compact VALVE, SOLENOID: DESIGN RATING: 3-10 BAR; OPERATED: AIR. MEDIUM: AIR; COMPACT SPOOL; 5 PORTS 2 POSITIONS; TEMPERATURE RANGE -10 TO 60DEG C; COMPLETE WITH MANUAL OVERRIDE FUNCTION; REFERENCE NO: 54190-883;	70730	REFERENCE NO: 541 90 883	100

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11.	Joucomatic Monofunction	Monofuction VALVE, SOLENOID: STYLE: 5/2; POTENTIAL: 24 VDC; DESIGN RATING: 0-10 BAR; COIL: ISO2; MONOFUNCTION SPOOL VALVE; PILOT PRESSURE; 2 TO 10BAR; TEMPERATURE RANGE; -10DEG TO 60DEG C; COMPLETE WITH MANUAL OVERRIDE SCREW; PART NO: 54290-111,	70729	PART NO: 542 90 111	200
12.	Water traps + lubricator	LUBRICATOR: TYPE: AUTOMATIC; CONNECTION: FNPT 1/2 IN; CAPACITY:10 DM3/S; MATERIAL: AL; PRESSURE RATING: 0-16 BAR; COMPLETE LUBRICATOR WITH BRACKETS AND AUTO DRAIN, SKP AIR PREP; PART NO: LAFL4000-D;	251630	PART NO: LAFL4000-D	150
13.	Line pressure transmitter	Pressure Transmitter (0-2400kpa) TRANSMITTER: TYPE: H2 PLANT; RANGE: 0-2400 KPA; OUTPUT: 4-20 MA; SUPPLY: 24 V; CONNECTION: 2 WIRE; MOUNT: PIPE; MANUF P/N: 266-HSHP8PB1; HIGH PERFORMANCE GAUGE	692034	P/N: 266-HSHP8PB1	200
14.	Valve solenoid	Double acting	568197	PART NO: 159702	200

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		VALVE, SOLENOID: PIPE SIZE: 11.5 MM; STYLE: 5/2 WAY; POTENTIAL: 24 V; ENCLOSURE RATING: IP65; DESIGN RATING: 2-10 BAR; CONNECTION: 1/2 IN; BODY MATERIAL: ALUMINIUM; OPERATED: PNEUMATIC ACTUATOR; MEDIUM: AIR; COIL: 24VDC; 2.5W; PART NO: 159702;			
15.	Proximity small	SWITCH, PROXIMITY: TYPE: INDUCTIVE; SENSING RANGE: 7 MM. POTENTIAL: 10-30 VDC; DIMENSIONS: DIA 12 X LG 50 MM; CONTACT ARRANGEMENT: 1NO; ACTION: SPST; APPLICATION: FEEDER CLEAN OUT CONVEYOR; PART NO: IFS201,	245251	PART NO: IFS201,	500
16.	Male connector	1/2 inch x 12mm ADAPTOR, TUBE TO PIPE: TUBE SIZE: 12 MM; TUBE CONNECTION: COMPRESSION; PIPE SIZE: 1/2 IN; PIPE CONNECTION: BSPT; MATERIAL: BRS NI PLTD; STRAIGHT MALE STUD CONNECTOR; PART NO: 3175-12-21,	59471	PART NO: 3175 12 21	200
17.	Male connector	1/4 inch x 12mm ADAPTOR, TUBE TO PIPE: TUBE SIZE: 12 MM; TUBE CONNECTION: COMPRESSION; PIPE SIZE: 1/4 IN; PIPE CONNECTION: BSPT; MATERIAL: BRS NICKEL PLTD; PART NO: 3175012013	59472	PART NO: 3175 12 13	200
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18.	Adaptor tube	Tube pipe 12mm ADAPTOR, TUBE TO PIPE: TUBE SIZE: 12 MM; TUBE CONNECTION: COMPRESSION; PIPE SIZE: 1/2 IN; PIPE CONNECTION: BSPT; MATERIAL: BRS NICKEL PLTD; SUPPL P/N: 3175-12-21; STRAIGHT MALE STUD CONNECTOR;	59471	PART NO: 3175 12 21	100
19.	Orifice	8mm x 0.7 mm ORIFICE: TYPE: RESTRICTION; INSIDE DIAMETER: 8 X 0.7 MM; MATERIAL: BRS SUGGESTED SUPPLIER; CLYDE BERGEMANN	659357		100
20.	Temperature Indicator Controller	Indicator Measurement 48 x 96mm. Please make sure it's the one with the 2 switches/relays INDICATOR: TYPE: MEASURING; DIMENSIONS: WD 48 X HT 96 MM; RANGE: -165 TO 600 DEG C; SCALE: MV; RATING: 230 VAC; MODEL NO:4003;	569480	MODEL NO:4003	30
21.	Conveyor Rope Switch	Rope switch CONVEYOR SAFETY SWITCH * CUTLER HAMMER REFERENCE C7/53198 * 660 VOLT MAXIMUM (PILOT DUTY) * DUST IGNITION PROOF FOR METALIC AND NON METALIC	123022	REFERENCE NO: C7/53198	100

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		DUSTS * CLASS 2 DIV. 1 & 2 * FOR CONVEYOR BELT CONTROL			
22.	I/P Conoflow	Transducer electro pneumatic TRANSDUCER: TYPE: ELECTROPNEUMATIC; INPUT: 4-20 MADC; OUTPUT: 3-15 PSI; POWER SOURCE: 100 PSI; IMPEDANCE-160 OHMS, -1/2 IN NPSM CONDUIT CONNECTION, ITT CONOFLOW BRAND ONLY ACCEPTABLE; MODEL NO: GT2108 ED (PLASTIC COVER);	156021	MODEL NO: GT2108 ED	50
23.	Level switch pulsar point	Switch pulsar point SWITCH, LEVEL: RANGE: 100 PCT; POTENTIAL: 230 VAC; CURRENT: 15MA; ACTION: SPDT; METHOD OF ACTUATION: MECHANICAL; APPLICATION: HYDROBIN LEVEL; CONTACT ARRANGEMENT: 1NO; MODEL NO: POINT300;	569585	MODEL NO: POINT300;	10
24.	Pressure transmitter with chemical seal	Pressure Transmitter (0-60bar) TRANSMITTER, PRESSURE: RANGE: 0-60 BAR; OUTPUT: 4-20 MA; SUPPLY: 10-30 VDC; CONNECTION: BSP 1/2 IN; APPLICATION: SLURRY TRAIN; CHEMICAL SEAL 2.5 INCH; FLANGE 8 HOLE;	569356		50

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25.	Slide gate solenoid	Valve solenoid 24VDC SOLENOID: TYPE: HYDROBIN SLIDE GATE; COIL VOLTAGE: 24 VDC; PART NO: GXE9575-A71-00;	569358	REFERENCE NO: GXE9575-A71-00	50
26.	Thermocouple	Type K THERMOCOUPLE: TYPE: K; SHEATH DIAMETER: 6 MM; TEMPERATURE RANGE: 0-1100 DEG C; SHEATH MATERIAL: SS 316; JUNCTION: SINGLE. DESIGN LENGTH: 120 MM; HEAD: YES; WITH SMALL DIE CAST AL HEAD; MINERAL INSULATED; TYPE OF THERMOCOUPLE TO BE MARKED PERMANENTLY ON HEAD; CONNECTION COMPRESSION; WIRE SIZE 1MM; REFERENCE NO: PSKWKZE60-150-250.	153412	REFERENCE NO: PSKWKZE60-150-250	50
27.	RTD	6.0 x 170mm RESISTANCE TEMPERATURE DEVICE (RTD) * 3 WIRE SIMPLEX * SINGLE ELEMENT * MINERAL INSULATED * LENGTH 170MM * OUTSIDE DIAMETER 6MM * SHEATH	120800		50

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		MATERIAL 316 STAINLESS STEEL * COMPLETE WITH SMALL DIE CAST ALUMINIUM HEAD * TYPE OF RTD TO BE MARKED PERMANENTLY ON HEAD *			
28.	Power supply 240V AC/24 VDC	I/P 240 VAC;24 VDC;0.6 A POWER SUPPLY: INPUT: 240 VAC; OUTPUT VOLTAGE: 24 VDC; OUTPUT CURRENT: 0.6 A; APPLICATION: LEVEL TRANSMITTER; CLASSIFICATION: IP20 FINGERSAFE; MOUNTING: SURFACE; PART NO: PS5R-SB24.	618386	PART NO: PS5R-SB24	10
29.	Level transmitter	RANSMITTER: TYPE: PULSE 65/LEVEL MICROWAVE; RANGE: 35 M; OUTPUT: 4-20 MA; SUPPLY: 24 VDC; SUPPL P/N: PS65.XXKGPHKMXX; VEGA HS-CODE 90261029	186162	VEGA HS-CODE 90261029	30
30.	Level transmitter	TRANSMITTER, LEVEL: RANGE: 35 M; OUTPUT: 4-20 MA; SUPPLY: 24VDC; CONNECTION: 2.5 MM 2 SCREW TERMINALS; WORKING PRESSURE: -100 TO 200 KPA; APPLICATION: WASHDOWN SUMP LEVEL; ENCLOSURE: IP66/67; PART NO: PS61.XXAGPHKMXX;	569355	PART NO: PS61.XXAGPHK MXX;	15
31.	Pinch valve positioner	Valve positioner (200-100Kpa) POSITIONER, VALVE: TYPE: PNEUMATIC; SUPPLY PRESSURE: 200-1000 KPA; INPUT: 20-100 KPA; ROTARY TO	220639	PART NO: MP212P.SS	100

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		FIT MAD2540FO ACTUATOR, MITECH ONLY; PART NO: MP212P.SS,			
32.	Proximity switch, magnetic no contact	Proximity switch 7mm SWITCH, PROXIMITY: TYPE: INDUCTIVE; SENSING RANGE: 0-10 MM; POTENTIAL: 10-50 VDC; DIMENSIONS: 79 X 18 MM; THREAD SIZE M18 X 1, COMPLETE WITH PLUG AND LEAD; PART NO: IFRM 18P1704/S14L, SUPPLIER:	154250	PART NO: IFRM 18P1704/S14L	300
33.	Fuse 400mA, 125V	FUSE CARTD:0.5 A;250 VDC;2 WIRE SOLDER FUSE, CARTRIDGE: CURRENT: 0.5 A; POTENTIAL: 250 VDC. DIMENSIONS: DIA 8.5 X LG 8 MM; TYPE: SUBMINIATURE FAST BLOW; CASE MATERIAL: PLASTIC MOLDED; CONNECTION TYPE: 2 WIRE SOLDER; PCB MOUNTING; PART NO: 226-0490,	118417	PART NO: 226-0490	20
34.	Slide gate position switch	SWITCH LMT:10/7.5/5 An AC; 5/2/0.5 A DC SWITCH, LIMIT: POTENTIAL: 230/440/550VAC; 115/230/550VDC; ACTUATOR: ROLLER LEVER; ACTION: SPDT; CONTACT ARRANGEMENT: 1NO; ENCLOSURE: NEMA 2; CURRENT: 10/7.5/5A AC; 5/2/0.5A DC.	123001	REFERENCE NO: 16D-1200 2-MK111	50

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		RUPTURING CAPACITY, NON-INDUCT; REFERENCE NO: 16D-1200; REFERENCE NO: 16D-1200 2-MK111;			
35.	Density meter probe	METER: TYPE: MEASURING; RANGE: 400 MM; READOUT: LCD; STYLE: WALL MOUNT; APPLICATION: SLURRY; MODEL NO: MFMG 60; 1000-1500 KG/M3	569350	MODEL NO: MFMG 60	18
36.	Bin locator diaphragm block chute	SWITCH LMT: ABS;125/250/480 VAC;15 A; SPDT SWITCH, LIMIT: POTENTIAL: 125/250/480 VAC; ACTUATOR: PLUNGER; ACTION: SPDT; CONTACT ARRANGEMENT: 1NO 1NC; CURRENT: 15 A; ENCLOSURE RATING: WEATHERPROOVE; 120-250-480VOLT; PILOT DUTY; 375VA VAC; 750VA; AUTO BIN DICATOR MODEL; FOR CONVEYOR CROSS	122963		30
37.	Level transmitter	Level 0.25-5 M TRANSMITTER, LEVEL: RANGE: 0.25-5 M; OUTPUT: 4-20 MA; SUPPLY: 18-30 VDC; CONNECTION: NPT 2 IN; ENCLOSURE: NEMA 4; SIZE 279MM WD X 84MM LG X 87MM THK, MATERIAL FLUOROPOLYMER, 5M CABLE LENGTH, THREADED NOSE, 2 WIRE SYSTEM, NO: 7ML52211BB11,	151802	7ML52211BB11	30

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38.	PR temperature	MODULE:5714-D; DIGITAL DISPLAY;230 VAC MODULE: TYPE: DIGITAL DISPLAY; OUTPUT: 4-20 MA; POWER SOURCE: 230 VAC; SIZE 96MM X 48MM WITH 2 LIMITS, DISPLAY RANGE -180 TO +1372 DEG C, PR ELECTRONICS ONLY, TYPE K INPUT; PART NO: 5714-D,	217145	PART NO: 5714-D	21
39.	Flow meter chrome 250mm	Flowmeter 250 MM; RUBBER METER, FLOW: TYPE: SLURRY TRAIN; CONNECTION: 250 MM; RANGE: 0-1200 CUBIC METER PER HOUR; MATERIAL: RUBBER; MODEL NO: 4000;	569351	RUBBER; MODEL NO: 4000	30
40.	Hydrobin limit switch	SWITCH LMT:240 V;3 A; SPDT; ROLLER ARM SWITCH, LIMIT: POTENTIAL: 240 V; CURRENT: 3 A; ACTION: SPDT; ACTUATOR: ROLLER ARM; CONTACT ARRANGEMENT: 1NO 1NC; ENCLOSURE: IP65; REFERENCE NO: XCKS141	648293	REFERENCE NO: XCKS141	100
41.	I/P overall kit	KIT; G6386333 KIT: TYPE: REPAIR; FOR USE ON GT2108ED I TO P CONVERTOR ITT; PART NO: G6386333;	149097	G6386333	50

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42.	Off-delay timer	TIMER INTVL:0.05S-10MIN;24-240 VAC/DC TIMER, INTERVAL: OPERATION: 0.05S-10MIN; POTENTIAL: 24-240VAC/DC; DELAY OFF, 2NO 2NC; NO SUBSTITUTE ACCEPTABLE; MODEL NO: CT-ARS; REFERENCE NO: 1SVR430120R0300;	151526	REFERENCE NO: 1SVR430120R0300;	20
43.	LEVEL Detector ;0-100 VDC	DETECTOR: TYPE: LEVEL; RATING: 0-100 VDC; REFERENCE NO: LM80304	659353	NO: LM80304	10
44.	Level Detector	TRANSMITTER, LEVEL: RANGE: 0-10 MIL V; OUTPUT: 4-20 MA; SUPPLY: 220 VAC; CONNECTION: SCREW IN; WORKING PRESSURE: ZERO; BODY MATERIAL: SS; ELECTRICAL CONNECTION: 2 WIRE; APPLICATION: SILO LEVELS DUST PLANT; MOUNT: SURFACE; ENCLOSURE: PLASTIC; OEM P/N: LA-201; POWER REQUIRED 10 VA	603495	P/N: LA-201	10
45.	Amp Gauges	GAUGE: TYPE: WATER; RANGE: 0-200 A; FURNISHED ITEMS: ANALOG AMMETER; PANEL MOUNT: SQ 72 MM	659323		15
46.	Level pick-up	SENSOR: TYPE: LEVEL; RANGE: 0-10 M; RATING: 24 VDC; CABLE LENGTH: 10 M; OEM P/N: 52022815; MODEL NO: FDU91; IP68	611311	MODEL NO: FDU91	15

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47.	2 Position Selector Switch	SWITCH, SELECTOR: OPERATED: KNOB; POSITION: 2; POTENTIAL: 24 VAC/DC; CURRENT: 5 A; CONTACT CONFIGURATION: LOCAL/REMOTE/TEST; CONTACT ARRANGEMENT: 1NO 1NC; ACTION: 3PDT; OEM P/N: 10250T4011+10250TLB+10250T1; 2 POSITION MAINTAINED SELECTOR COMPLETE	610230	P/N: 10250T4011+10250TLB+10250T1	30
48.	3 Position Selector Switch	SWITCH, SELECTOR: OPERATED: KNOB; POSITION: 3; POTENTIAL: 24 VAC/DC; CURRENT: 5 A; CONTACT CONFIGURATION: LOCAL/REMOTE/TEST; CONTACT ARRANGEMENT: 2NO 2NC; OEM P/N: 10250T4023+10250TLB+10250T1; 3 POSITION MAINTAINED SELECTOR SWITCH COMPLETE	610229	P/N: 10250T4023+10250TLB+10250T1	50
49.	Push button	PUSH BUTTON: TYPE: NON ILLUM YELLOW; OEM P/N: 10250T104+10250T53; C/W; N/O; CONTACT COMPLETE; 30.5 MM HEAVY DUTY; WATERTIGHT/OILTIGHT; FLUSH BUTTON; ZINC DIE CAST	612124	P/N: 10250T104+10250T53	50
50.	Push button	PUSH BUTTON: TYPE: RED NON ILLUM; OEM P/N: 10250T51+10250T102; C/W; N/C COMPLETE; 30.5MM HEAVY DUTY WATERTIGHT/OILTIGHT; FLUSH BUTTON; ZINC DIE CAST	612125	P/N: 10250T51+10250T102	50

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51.	Push button	PUSH BUTTON: TYPE: GREEN NON-ILLUM; OEM P/N: 10250T103+10250T1; C/W; N/O; CONTACT COMPLETE; 30.5 MM HEAVY DUTY; WATERTIGHT/OILTIGHT; FLUSH BUTTON; ZINC DIE CAST	612126	P/N: 10250T103+10250T1	50
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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	

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Previous audits and reviews (e.g. ERAP)			X	
Engineering Change Requests (Projects)			X	
LOPP strategy reports			X	
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	
Postmortems Actions from previous outages			X	
Pre-Outage plant walks			X	
Risk based inspection (RBI) report			X	
Simulation, TOIs, OON, SI			X	

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