



REFERENCE DRAWINGS:
 BOILER HOUSE NO 3 PIPING DETAILS
 SEE DRAWING NO. 0.84/28172 (SHT 1 TO SHT 5)
 READ IN CONJUNCTION WITH THE OPERATING
 PHILOSOPHY DOCUMENT NO. 200-46525
 PIPE ROUTE FROM SUMP TO T.A.C GANTRY
 SEE DRAWING NO. 0.84/7019 (SHT 1)
 PIPEWORK ON T.A.C GANTRY SEE
 DRAWING NO.0.84/7019 (SHT 2)
 PIPEWORK ON PRIMARY TREATMENT PLANT
 GANTRY SEE DRAWING NO.0.84/7019 (SHT 3)
 FLUSH WATER PIPING SEE
 DRAWING NO'S. 0.84/34659 (SHT 1 TO SHT 3)

THE KKS CODES TABULATED BELOW REFER TO SECONDARY ITEM SUCH AS COUPLINGS, GEARBOXES, ETC., WHICH CANNOT BE SHOWN ON THE P&ID DUE TO LACK OF SPACE. THEY ARE LOCATED WITH THE ASSOCIATED PRIMARY ITEMS WHICH ARE IDENTIFIED BY THEIR KKS CODES

3 OETN95 AA101 MG01	UNIT 3 DEGRIT SUMP SLURRY PUMP 1 SUCTION ISOLATING VALVE GEARBOX
3 OETN95 AA101-M01	UNIT 3 DEGRIT SUMP SLURRY PUMP 1 SUCTION ISOLATING VALVE MOTOR
3 OETN95 AA102 MG01	UNIT 3 DEGRIT SUMP SLURRY PUMP 2 SUCTION ISOLATING VALVE GEARBOX
3 OETN95 AA102-M01	UNIT 3 DEGRIT SUMP SLURRY PUMP 2 SUCTION ISOLATING VALVE MOTOR
3 OETN95 AA103 MG01	UNIT 3 DEGRIT SUMP SLURRY PUMP 1 DISCHARGE ISOLATING VALVE GEARBOX
3 OETN95 AA103-M01	UNIT 3 DEGRIT SUMP SLURRY PUMP 1 DISCHARGE ISOLATING VALVE MOTOR
3 OETN95 AA104 MG01	UNIT 3 DEGRIT SUMP SLURRY PUMP 2 DISCHARGE ISOLATING VALVE GEARBOX
3 OETN95 AA104-M01	UNIT 3 DEGRIT SUMP SLURRY PUMP 2 DISCHARGE ISOLATING VALVE MOTOR
3 OETN95 AA105 MG01	UNIT 3 DEGRIT SUMP SLURRY FINAL DELIVERY VALVE GEARBOX
3 OETN95 AA105-M01	UNIT 3 DEGRIT SUMP SLURRY FINAL DELIVERY VALVE MOTOR
3 OETN95 AA106 MG01	UNIT 3 DEGRIT SUMP SUPPLY TO AGITATOR ISOLATING VALVE GEARBOX
3 OETN95 AA106-M01	UNIT 3 DEGRIT SUMP SUPPLY TO AGITATOR ISOLATING VALVE MOTOR
3 OETN95 AA107 MG01	UNIT 3 DEGRIT SUMP STRAINER BACKWASH ISOLATING GEARBOX
3 OETN95 AA107-M01	UNIT 3 DEGRIT SUMP STRAINER BACKWASH ISOLATING MOTOR
3 OETN95 AP001 MK01	UNIT 3 DEGRIT SUMP SLURRY DISTRIBUTION PUMP 1 VEE BELT DRIVE
3 OETN95 AP001-M01	UNIT 3 DEGRIT SUMP SLURRY DISTRIBUTION PUMP 1 MOTOR
3 OETN95 AP002 MK01	UNIT 3 DEGRIT SUMP SLURRY DISTRIBUTION PUMP 2 VEE BELT DRIVE
3 OETN95 AP002-M01	UNIT 3 DEGRIT SUMP SLURRY DISTRIBUTION PUMP 2 MOTOR
3 OGKC40 AA101 MG01	UNIT 3 DEGRIT SUMP FLUSH WATER SUPPLY TO PUMP 1 ISOLATING VALVE GEARBOX
3 OGKC40 AA101-M01	UNIT 3 DEGRIT SUMP FLUSH WATER SUPPLY TO PUMP 1 ISOLATING VALVE MOTOR
3 OGKC40 AA102 MG01	UNIT 3 DEGRIT SUMP FLUSH WATER SUPPLY TO PUMP 2 ISOLATING VALVE GEARBOX
3 OGKC40 AA102-M01	UNIT 3 DEGRIT SUMP FLUSH WATER SUPPLY TO PUMP 2 ISOLATING VALVE MOTOR
3 OGKC40 AA103 MG01	UNIT 3 DEGRIT SUMP FLUSH WATER SUPPLY TO STRAINER ISOLATING VALVE
3 OGKC40 AA103-M01	UNIT 3 DEGRIT SUMP FLUSH WATER SUPPLY TO STRAINER ISOLATING VALVE MOTOR

KKS CODE-3 OETN

10	19.04.24	SMARTPLANT REDRAW	SM	MM					
11	19.05.18	TP FOR SOOTBLOWER ADDED	ACP	AP					
12	19.06.18	NEW CODE FOR VEE DRIVE	ACP	AP					
13	19.06.18	NEW CODE FOR VEE DRIVE	ACP	AP					
14	19.06.18	NEW CODE FOR VEE DRIVE	ACP	AP					
15	19.06.18	NEW CODE FOR VEE DRIVE	ACP	AP					
16	19.06.18	NEW CODE FOR VEE DRIVE	ACP	AP					
17	19.06.18	NEW CODE FOR VEE DRIVE	ACP	AP					
18	19.06.18	NEW CODE FOR VEE DRIVE	ACP	AP					
19	19.06.18	NEW CODE FOR VEE DRIVE	ACP	AP					
20	19.06.18	NEW CODE FOR VEE DRIVE	ACP	AP					
21	19.06.18	NEW CODE FOR VEE DRIVE	ACP	AP					
22	19.06.18	NEW CODE FOR VEE DRIVE	ACP	AP					

APPROVED FOR CONSTRUCTION: _____

CLASSIFICATION: 000003

PREPARED BY: GRC/ETN

DESIGNED BY: _____

DATE: 19.04.2024

PROJECT: MEDUPI POWER STATION
 PIPING & INSTRUMENTATION DIAGRAM
 Unit 3
 ASH WASHDOWN-COLLECTION AND TREATMENT
 BOILER HOUSE SUMPS

ESKOM
 19.04.2024

DRAWING NO: 0.84/26144

SHEET: 1 OF 12

AS-BUILT