LEGEND	
E	ACTUATED VALVE
	SLUICE GATE
G	GEARBOX
K	COUPLING
	IN-LINE SELF CLEANING SCREEN
	SCREW PUMP

FROM DIRTY DRAIN

GNB31

FROM CLEAN DRAIN

GNB32

P10

P31

FIRST FLUSH DIVERSION WORKS
0 0GNB32 BB01

0 0GNB32 AT001

E 0 0GNB32 AA101-M01

G 0 0GNB32 AA101 MG01 6

IN-LINE SELF-CLEANING SCREEN

0 0GNB32 AA101

CLEAN TO DIRTY FIRST FLUSH

P31

P10

TO CLEAN STORAGE DAM

P10

P31

IN-LINE SELF-CLEANING SCREEN
0 0GNB31 AT001

DEBRIS AND FLOOD OVERFLOW DIRECT TO DIRTY STORAGE DAM

P10

TO CLEAN WATER DAM

TO DIRTY WATER DAM

DIRTY WATER EXTRACTION PUMPHOUSE
0 0GNB31 BB01

SLUICE GATE SG1
0 0GNB31 AA501

SLUICE GATE SG2
0 0GNB31 AA502

SCP1/1
0 0GNB31 AP001

SCP1/2
0 0GNB31 AP002

SCP2/1
0 0GNB31 AP003

SCP2/2
0 0GNB31 AP004

E 0 0GNB31 AP001-M01
6 G 0 0GNB31 AP001 MG01
K 0 0GNB31 AP001 MK01

E 0 0GNB31 AP002-M01
6 G 0 0GNB31 AP002 MG01
K 0 0GNB31 AP002 MK01

E 0 0GNB31 AP003-M01
6 G 0 0GNB31 AP003 MG01
K 0 0GNB31 AP003 MK01

E 0 0GNB31 AP004-M01
6 G 0 0GNB31 AP004 MG01
K 0 0GNB31 AP004 MK01

SLUICE GATE SG3
0 0GNB31 AA503

0 0GNB31 AA504
SLUICE GATE SG4

DIRTY WATER TRANSFER CHANNEL

SCREEN
0 0GNB31 AT002

+10mm GRIT

GRIT BIN

DIRTY WATER TRANSFER CHANNEL

SECONDARY TREATMENT PLANT DISTRIBUTION BOX
(P & ID) DRG. 0.84/26150

REFERENCE DRAWINGS:

FIRST FLUSH DIVERSION WORKS SUMP GENERAL ARRANGEMENT AND DETAILS SEE DRAWING No. 0.84/7022

DIRTY WATER EXTRACTION PUMP HOUSE GENERAL ARRANGEMENT AND DETAILS SEE DRAWING No. 0.84/8768

DIRTY WATER TRANSFER CHANNEL GENERAL ARRANGEMENT AND DETAILS SEE DRAWING No. 0.84/11185

READ IN CONJUNCTION WITH THE OPERATING PHILOSOPHY DOCUMENT No. 200-46525

KKS CODE - 0 0GNB

REV	DATE	REVISION	DRN BY	CHKD BY	AUTH BY	KKS APP	REFERENCE DRAWINGS
6	11 10 12	SYMBOLS AND KKS CODES ADDED FOR GEARBOXES AND COUPLINGS	KDF	K.PATEL	C.PATEL		
5	12 02 12	KKS CODES UPDATED	C.PATEL	K.PATEL	S.NAIDU	LA	
4	09 12 10	ISSUED FOR KKS CODES	K.MKUZE	K.PATEL	S.NAIDU	LA	
3	08 06 10	INSTRUMENTATION POSITIONS UPDATED AND TABLE ADDED	C.PATEL	K.PATEL	S.NAIDU	LA	
2	21 10 09	KKS CODES AND NOTES UPDATED	BM	JP	AGS		
1	04 08 09	SYMBOLS UPDATE & INFO ADDED	BM	JP	AGS		
0	25 05 09	ISSUED FOR CONSTRUCTION	BM	JP	CB		
A	19 05 09	ISSUED FOR APPROVAL	BM	JP			

D.G. | REV | DATE | INDEX REFERENCE | ISSUED FOR CONSTRUCTION FROM REV | DATE

ORIG REGISTR	-- -- --	-- -- --
DESIGN APPROVED	19 05 09 11	A.P
KKS APP	-- -- --	--
CO. AUTH	19 05 09 11	AGS
CHKD BY	19 05 09 11	AP
DRAWN BY	19 05 09 11	MP
SCALE	N.T.S	

MEDUPI POWER STATION
ASH WASHDOWN - COLLECTION AND TREATMENT
FIRST FLUSH DIVERSION WORKS
P & ID

J26182/A/ASH/04/01/06

0.84/26149

SHEET 1 of 1 | REV 6

SIZE GROOTTE A1