



APPROVED FOR CONSTRUCTION PROJECT ISSUED BY PROC. INST. DMGR.

NOTES
 1) RUN AT ± EL - 2433
 2) STAINLESS STEEL 316L PIPE
 3) SWITCH NOT MENTIONED ON INSTRUMENT DATA SHEETS, REFER TO LOGIC DIAGRAM.

REV	DATE	APP	DESCRIPTION
11	7-3-83		DRAWINGS UPDATED
			DESCRIPTION

N O M E N C L A T U R E

11	COOLING WATER SUPPLY	21	CONDENSATE	31	STATION DRAIN	41	
12	COOLING WATER RETURN	22	TREATED WATER	32		42	
13	H.P. STEAM	23	FUEL OIL	33		43	
14	M.P. STEAM	24	FUEL GAS	34	FLARE	44	
15	L.P. STEAM	25		35		45	
16		26	EFLUENT TRENCH	36		46	
17	POTABLE WATER	27	METERING PUMP DRAIN	37		47	
18	PLANT AIR	28	STORAGE AREA DRAIN SYSTEM	38		48	
19	INSTRUMENT AIR	29	CLARIFIED WATER HOLDING SUMP	39		49	
20	H.P. CONDENSATE	30		40	LABORATORY		

ITEM No	10 UB 30 G001	10 UB 30 G002	10 UD 20 G001																	
SERVICE	HOT WATER TANK #2	HOT WATER TANK #1	RESIN TRANSF. WTR. TAN.																	
DIA * TH mm	1800 x 3250	2150 x 3250	1800 x 1800																	
DESIGN TEMP/PRESS	110°C/6.95 KPA(A)	110°C/6.95 KPA(A)	40°C/ATM																	
CAPACITY M ³																				
DUTY	CFR - REG.	BMU - REG.																		
ITEM No	10 UB 30 D001	10 UB 30 D002	10 UD 20 D001	10 UD 20 D002	10 UD 20 D003	10 UD 20 D004	10 UD 20 D005	10 UC 20 D006	10 UC 20 D007	10 UC 20 D008	10 UB 30 E001	10 UB 30 E002								
SERVICE	DEMIN. WTR. PUMP FOR B.M.U.	DEMIN. WTR. PUMP FOR B.M.U.	RESIN TRANSFER WTR. PUMP/CLEANER	RESIN TRANSFER WTR. PUMP/CLEANER	STAND BY PUMP FOR D001/D002	RESIN TRANSFER WTR. PUMP/CLEANER	RESIN TRANSFER WTR. PUMP/CLEANER	CP. REGEN. DILUTION PUMP	CP. REGEN. DILUTION PUMP	CP. REGEN. DILUTION PUMP	HEATER FOR HOT WATER TANK #2	HEATER FOR HOT WATER TANK #1								
PUMP TEMP	15°	15°	15°	15°	15°	15°	15°	15°	15°	15°	25 kW	80 kW								
C.A.E. m ³ /hr	70	70	27.5	27.5	27.5	27.5	27.5	53	53	53										
DISCH. PRESS. KPA	385	385	650	650	650	650	650	385	385	385										
POWER kW	22	22	18.5	18.5	18.5	18.5	18.5	11.00	11.00	11.00										

ESCOM CONTRACT NO. CPL 11594

ESCOM DNG NO. 063/1739

REV 11

ESCOM WATER TREATMENT COMPLEX (ETPL) POWER STATION (PST) ENGINEERING FLOW DIAGRAM - RESIN TRANSFER

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DRAWN BY: M.D. DRAWING NO.: 21361-0-50-404

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