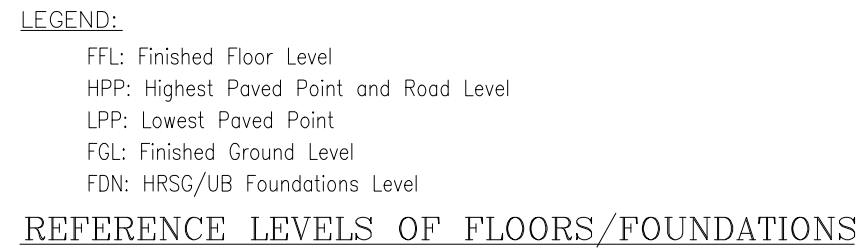


			5.4.10	5.4.11	5.4.12
R12	10.03.2016	ISSUED FOR CONSTRUCTION	SSS	NR	GKS
R11	18.09.2015	ISSUED FOR CONSTRUCTION	SSS	NR	GKS
REV.	DATE	REVISION	BY	CHKD	APPD
 TATA CONSULTING ENGINEERS LIMITED MUMBAI					
PROJECT					
2x300 TPH COAL / PETCOKE FIRED STEAM GENERATORS					
PLOT PLAN					
HMEL REF. NO. 9112-575-ENG-205-00001					
SCALE: AS SHOWN		APPROVED		DATE: 01/05/11	
OFFICE-DISC.00-DISC.		GKS		DATE: 18-09-2015	
DRN: SSS		TCE JOB NO. 7623A		UNIT NO. 575	
DATE: 04/05/05		DWG NO. TCE.7623A-101		UNIT NO. 575	
				1 OF 1	
				ISSUE #12	

[illegible]

NOTES:

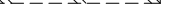
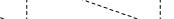
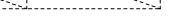
1. ALL CO-ORDINATES ARE IN METERS
2. ALL DIMENSIONS ARE IN MM
3. TO BE CONSIDERED AS 90.0 M. WHICH CORRESPONDING TO 220.6 M. ABOUT MEAN SEA LEVEL
4. **DELETED**
5. EQUIPMENT DIMENSIONS ARE INDICATIVE AND BASED ON PREVIOUS PROJECT REFERENCES. EXACT DIMENSIONS SHALL BE PROVIDED AFTER RECEIPT OF VENDOR DRAWINGS.



16	14-AUG-2018	ISSUED FOR APPROVAL	DOP	HVV	TA
15	29-JUN-2018	ISSUED FOR REVIEW & COMMENTS	DOP	HVV	TA
REV.	DATE	REVISIONS	PREP. BY: CKD. BY: PVP. BY: TA		
DETAIL ENGINEERING CONSULTANT:					
GS Engineering & Construction Delhi Pvt. Ltd.					
PROJECT NAME:					
RECOVERY OF LOW LEVEL HEAT PROJECT					
SCALE	DRAWING NUMBER				REV.
1:600	GSD NO.: 0180011A-575-43-PPN-40-163 HMSL NO.: 9112-575-ENG-205-00001				16

EQUIPMENT LIST			
SL.NO	DESCRIPTION	QTY	SIZE
(1)	OTG BUILDING	01	67.5m x 15.0m
(2)	STC BUILDING	01	121.5m x 18.0m
(3)	COMMON CONTROL ROOM, ROOM SWITCHGEAR BUILDING	01	172.5m x 25.0m
(4)	COMMON FUEL OIL PUMP HOUSE	01	35.0m x 18.0m
(5)	LCO TANK STORED CAPACITY 2468 Cu.m	02	818.0m x 102.0m
(6A)	HSD TANK STORED CAPACITY 200 Cu.m	01	87.5m x 10.5m
(7A)	UTILITY BOILER – 1	01	62.5m x 30.0m
(8)	UTILITY BOILER – 2	01	62.5m x 30.0m
(9)	UTILITY BOILER – 3	01	62.5m x 30.0m
(10)	UTILITY BOILER – 4	01	62.5m x 30.0m
(6)	GAS BOOSTER COMPRESSOR BUILDING	01	30.0m x 21.0m
(9)	DEARATOR	01	84.0m x 56.0m
(8)	COOLING TOWER	01	73.0m x 14.0m
(11)	OW PUMP HOUSE	01	10.5m x 23.0m
(12)	GAS VALVE MODULE	02	6.0m x 3.6m
(13)	BSPs FOR HRSO	03	6.0m x 2.0m
(14)	BSPs FOR UTILITY BOILERS	04	6.0m x 2.5m
(15)	EXPORT FUEL WATER PUMPS	02	5.0m x 2.0m
(16)	WATER INJECTION SKID	02	6.0m x 3.0m
(7A)	GAS SCRUBBER FOR UTILITY BOILER	01	6.0m x 4.0m
(7B)	GAS SCRUBBER FOR HRSO	01	4.1m x 3.5m
(8)	GAS SCRUBBER FOR GT	01	5.2m x 5.0m
(18)	SWAS ANALYSER ROOM	01	16.40m x 5.0m
(19)	FUEL GAS ANALYSER ROOM FOR UBS	01	6.40m x 5.0m
(20)	HRSO-1	01	37.25m x 14.6m
(21)	HRSO-2	01	37.25m x 14.6m
(21)	GAS CONDENSATE DRAIN TANK	02	3.5m x 31.5m
(22)	DC ROOM	01	30.0m x 15.0m
(23)	ROOM FOR ATMOSISING & INSTRUMENT AIR COMPRESSOR	01	25.0m x 10.0m
(24)	ANALYSER ROOM FOR HRSO	01	10.0m x 4.6m
(25)	SIDE STREAM FILTER FOR GT	01	5.0m x 5.0m
(26)	ANALYSER SHELTER	01	8.0m x 5.0m
(27)	CONDENSATE TANK	01	87.5m x 9.0m
(28)	FWP COOLING TOWER	01	5.0m x 5.0m
(29)	FILTER SEPARATOR SKID	02	4.5m x 5.5m
(30)	LCO FINE FILTER SKID 25 MICRONS	02	1.46m x 1.43m
(31)	LCO FINE FILTER SKID 6 MICRONS	02	1.49m x 1.43m
(32)	HSD FINE FILTER SKID 25 MICRONS	02	1.57m x 1.43m
(33)	HSD FINE FILTER SKID 6 MICRONS	02	1.57m x 1.43m
(34)	VANADIUM INHIBITOR DOSING SKID	02	2.5m x 1.5m
(35)	DRAIN TANK FOR LCO & HSD NEAR GT	02	81.2m x 4.0m
(36)	DELETED		
(37)	LP WATER	01	81.5325m x 136.1m
(38)	LP HEATER CONDENSATE DRAIN TRANSFER PUMPS	02	2.2m x 0.95m
(39)	CONDENSATE TRANSFER PUMPS	02	3.6m x 1.5m
(37)	WATER WASH SKID	01	6.1m x 2.6m
(40)	MWH CONDENSATE TRANSFER PUMP	02	3.6m x 1.5m
(41)	CHIMNEY	01	151.0m
(42)	LP DOSING SKID (HYDRAZINE)	01	4m x 3m
(43)	LP DOSING SKID (AMMONIA)	01	4m x 3m
(44)	MWH OIL TANK	01	HOLD
(45)	HSD/LCO DRAIN TANK NEAR STORAGE TANK AREA (30.0 Cu.m)	01	HOLD
(46)	FUEL GAS CONDENSATE DRAIN TANK (2.0 CU.M)	01	81.5m x 3.5m
(45A)	HSD/LCO DRAIN TANK FOR UB-1 & UB-2 (2.0 CU.M)	01	81.5m x 3.5m
(45B)	HSD/LCO DRAIN TANK FOR UB-3 & UB-4 (2.0 CU.M)	01	81.5m x 3.5m
(47)	CHEMICAL DOSING SKID	01	6.0m x 4.0m
(48)	LABORATORY	01	3.0m x 3.0m
(49)	CHEMICAL COLLECTING TANK FOR LP HEATER	01	30.0m x 3.0m
(50)	CONDENSATE COLLECTING TANK FOR LP HEATER	01	81.5325m x 692.0m
(51)	MINI BLOW DOWN COLLECTING PIT	01	3.5m x 3.5m
(52)	BLOW DOWN COLLECTING PIT	04	3.5m x 3.5m
(53)	IBO TANK	04	–
(54)	CSD TANK	04	–
(54A)	HP DOSING SKID FOR Ubs	01	9.5m x 2.4m x 4.5m
(55)	DM COOLING WATER PUMP	04	1.85m x 0.95m
(56)	WATER TO WATER HEATEXCHANGER	02	40.08m x 5.3m
(57)	AMMONIA DOSING SKID FOR CST	01	6.0m x 2.5m
(58)	FUEL GAS TANK	04	81.5m x 3.615m
(59)	NITROGEN STORAGE AREA	01	43.5m x 38.0m
(60)	NITROGEN COMPRESSOR HOUSE	01	12.0m x 10.0m
(60A)	VAM UNIT	01	18.0m x 7.0m
(60B)	BOILER FOR VAM UNIT	01	12.0m x 10.0m
(61)	REFINERY FUEL GAS HEATER AREA	01	14.0m x 10.0m
(62)	NAPHTHA TANK STORED CAPACITY 200 Cu.m	01	87.5m x 10.5m

LEGEND

	- PIPE SLEEPER (BY OTHERS)
	- PIPE RACK (BY OTHERS)
	- PROPOSED PIPE SLEEPER
	- PROPOSED PIPE RACK
	- PROPOSED BURIED PIPE
	- PROPOSED CABLE RACK

CUSTOMER:	 HPCL-MITTAL ENERGY LIMITED	
CONSULTANT :	 ENGINEERS INDIA LTD 1, BHAIKAJI CAMA PLACE, NEWDELHI - 110 006 TEL. JOB NO.: 6922	
NAME OF PROJECT:	CAPTIVE POWER PLANT	
	GUDRI CODING SINGH DRAINERY PROJECT, BHATINDA	

GORE GOLDEN SINGH REFINERY PROJECT, BHADRADRA							
		BHARAT HEAVY ELECTRICALS LTD.		NAME	SGN.	DATE	NO. OF
		HYDERABAD		DRD. A.DATTA	Sd/-	10.03.08	NA
				CHD. K.SRINIVAS	Sd/-	10.03.08	NA
				APPD. B.I.SABU	Sd/-	10.03.08	NA
DEPT. CODE	UNTOOL DIMS. g/m ²		SCALE	WEIGHT (KG)	REF. TO ASSY.	ITEM NO.	NO. OF ITEMS
450			1:600	NA	NA	NA	NA
TITLE				CARD CODE	DRAWING NO.		REV.
PLOT PLAN				NA	0-381-01-00899: 10		

BHEL'S CONSULTANT:			
 INTERCONTINENTAL DEVELOPMENT & ENGINEERING AEE PVT. LIMITED A group company of Australian Energy & Environment, Australia (A group of A-E-T-E-C Industries 40) NEW NO.55, OLD NO.52, CHENNAI ROAD, CHENNAI - 600 054, INDIA PHONE : +91-44-25233863, FAX : +91-44-25297734	NAME		DATE
	DRN.	SMK	24.11.08
	CHD.	DR/RB	26.11.08
	APPD.	ASM	26.11.08
DRAWING NO.		REV.	

DEPT. CODE 450	UNTOOL DIMS: OR 9/14/77		SCALE 1:600	WEIGHT (KG) NA	REF. TO ASSY. DRG. NA	ITEM NO. NA	NO. OF ITEMS NA
TITLE PLOT PLAN				CARD CODE NA	DRAWING NO. 0-381-01-00899		REV. 10