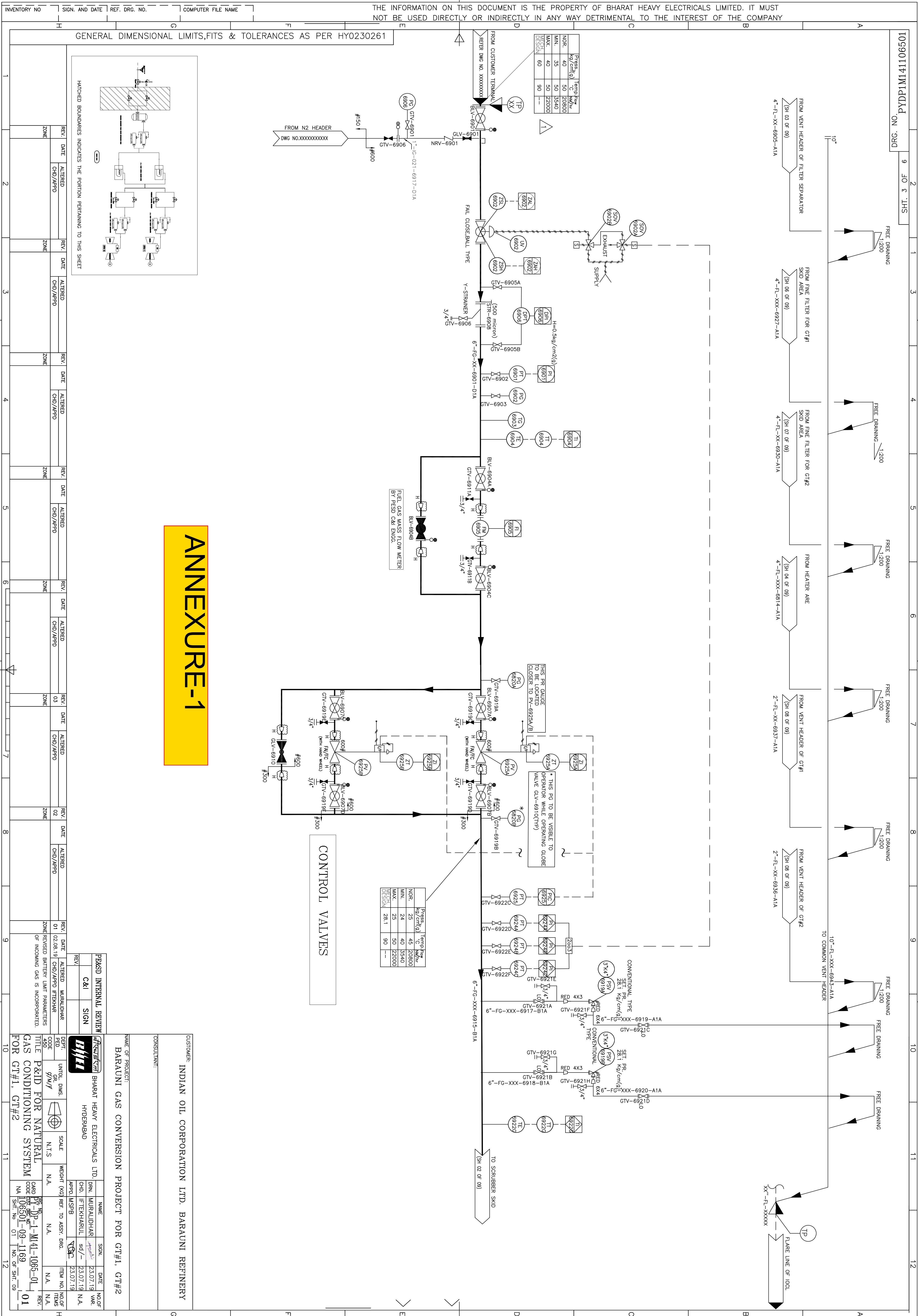




Press _{max} kg/cm ² (g)	Temp _{max} °C	Temp _{low} °C	Temp _{high} °C
NOR. 25	45	20800	
MIN. 24	40	3540	
MAX. 25	50	22000	
DESIGN 28.1	90	---	

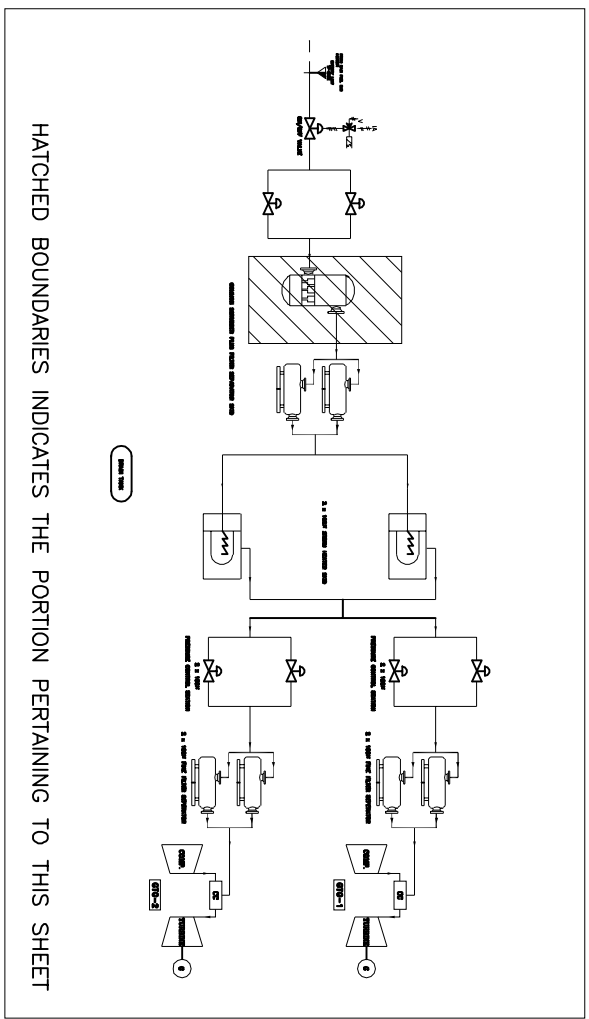
Press _{max} kg/cm ² (g)	Temp _{max} °C	Temp _{low} °C	Temp _{high} °C
NOR. 24	45	20800	
MIN. 23	40	3540	
MAX. 25	50	22000	
DESIGN 28.1	90	---	

INTERLOCK SUMMARY:-

TITLE OF LOGIC	LOGIC NO.	TAG NOS. INVOLVED	CONDITIONS FOR LOGIC EXECUTION	REMARKS	PROCESS INTERLOCK EXECUTED IN
SCRUBBER LEVEL HIGH		UV-6909	LIQUID LEVEL HIGH IN SCRUBBER(LT-6909A/C)	OPEN UV-6909	BOP DCS
SCRUBBER LEVEL LOW	IS-6901	UV-6909	LIQUID LEVEL LOW IN SCRUBBER(LT-6909A/C)	CLOSE UV-6909	BOP DCS
TEMPERATURE CONTROL VALVE	IS-6902	UV-6960A	MAFUNCTIONING OF CONTROL VALVE TAHH-6922A/B/C	CLOSE UV-6960A	BOP DCS
PRESSURE CONTROL VALVE	IS-6903	UV-6902	MAFUNCTIONING OF CONTROL VALVE PAHH-6924A/B/C	CLOSE UV-6902	BOP DCS
SHUT-DOWN VALVE & BDVs					
SHUT-DOWN VALVE(S-6905 & BDVs					
SHUT-DOWN VALVE(S-6903 & BDVs					
VESSEL LEVEL HIGH	IS-6906	G-6901A/B	LIQUID LEVEL HIGH IN VESSEL(LT-6932A)	START G-6901A/B	BOP DCS
VESSEL LEVEL LOW		G-6901A/B	LIQUID LEVEL LOW IN VESSEL(LT-6932A)	CLOSE G-6901A/B	BOP DCS

TAG NUMBERING PHILOSOPHY:-

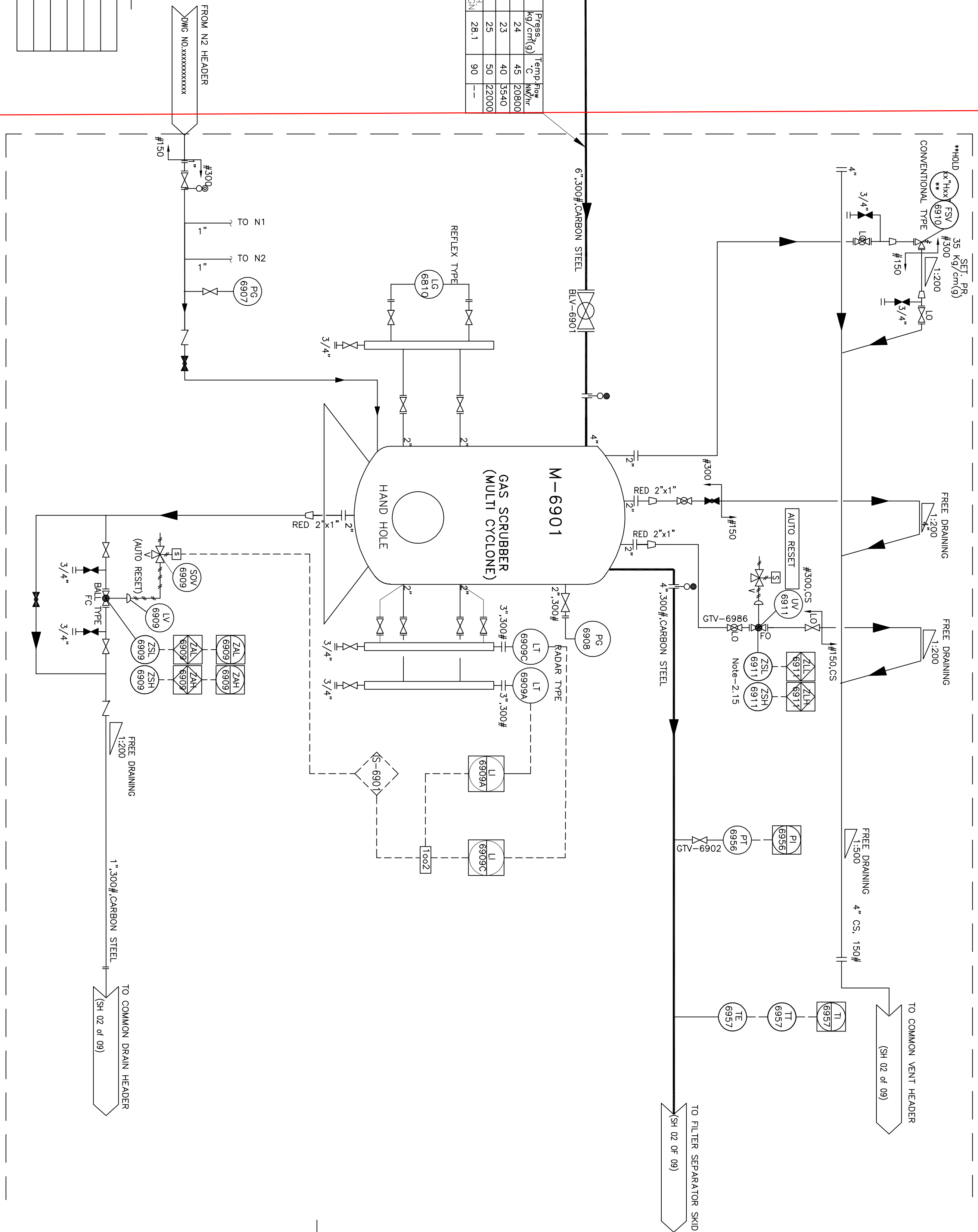
TAG NO.	INDEX	TAGS USED	RANGE	SPARE TAGS
EQUIPMENT TAG	--	6901-99	---	
LINE NUMBERS		6901-6948	6901-99	---
VALVE TAGS		6901-6965	6901-99	---
INST. TAG		6901-6944	6901-99	---
INTERLOCK TAG		6901-04	6901-99	---



COMMON SCRUBBER PLUS FILTER SEPARATOR SKID

Variant-1 Common Scrubber & filter Separator skid (continued in sheet 01 & 02)

GAS SCRUBBER SKID (1 X 100%)
SOLID REMOVAL 8 MICRON ABOVE 100%
LIQUID REMOVAL 10 MICRON ABOVE 100%



REV.	DATE	CHD/APD	ZONE
01	02.08.19	CHD/APD	01
02			
03			

REV.	DATE	CHD/APD	ZONE
01	02.08.19	CHD/APD	01
02			
03			

REV.	DATE	CHD/APD	ZONE
01	02.08.19	CHD/APD	01
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REV.	DATE	CHD/APD	ZONE
01	02.08.19	CHD/APD	01
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REV.	DATE	CHD/APD	ZONE
01	02.08.19	CHD/APD	01
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REV.	DATE	CHD/APD	ZONE
01	02.08.19	CHD/APD	01
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REV.	DATE	CHD/APD	ZONE
01	02.08.19	CHD/APD	01
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01	02.08.19	CHD/APD	01
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01	02.08.19	CHD/APD	01
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REV.	DATE	CHD/APD	ZONE
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REV.	DATE	CHD/APD	ZONE
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REV.	DATE	CHD/APD	ZONE
01	02.08.19	CHD/APD	01
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REV.	DATE	CHD/APD	ZONE
01	02.08.19	CHD/APD	01
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REV.	DATE	CHD/APD	ZONE
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REV.	DATE	CHD/APD	ZONE
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REV.	DATE	CHD/APD	ZONE
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01	02.08.19	CHD/APD	01
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02			
03			

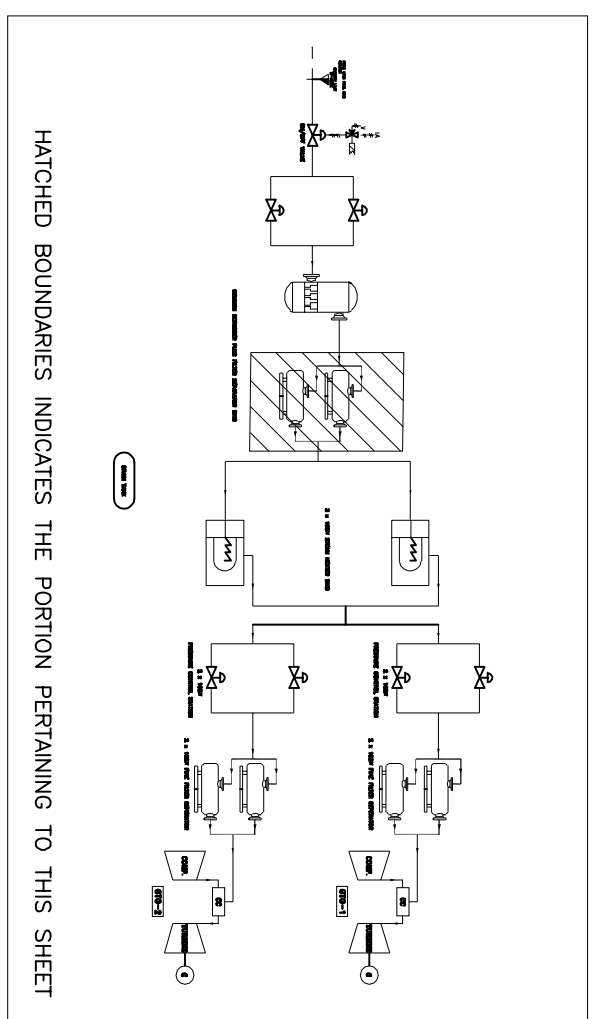
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03			

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02			
03			

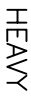
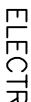
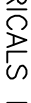
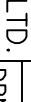
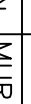
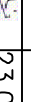
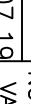
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03			

REV.	DATE	CHD/APD	ZONE
01	02.08.19	CHD/APD	01
02			

GENERAL DIMENSIONAL LIMITS, FITS & TOLERANCES AS PER HY0230261



PE&SD INTERNAL REVIEW	
C&I	SIGN
REV.	

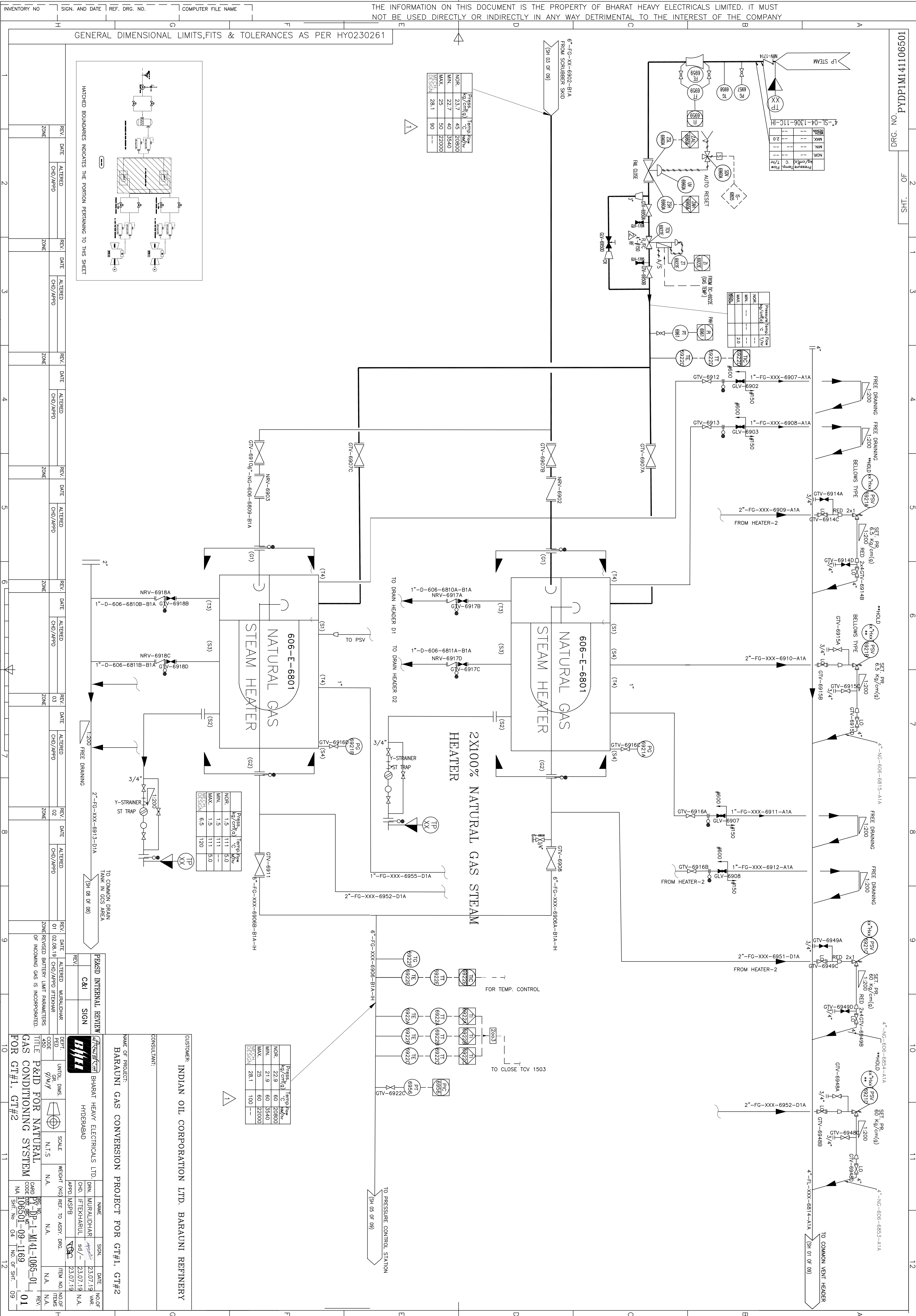
		BHARTI HEAVY ELECTRONICS LTD.		DATE		23.07.19	
		HYDERABAD		DRAWN		MUMALIDHAR	
				CHKD		FETEKHARIL	
				APPRO		MSRB	
				VCD		23.07.19	
				ITEM NO.		N/A	
				NODFOR		N/A	
				ITEM NO.		N/A	
				ITEM NO.		N/A	
				ITEM NO.		N/A	
				ITEM NO.		N/A	
				ITEM NO.		N/A	

P&ID FOR NATURAL GAS CONDITIONING SYSTEM	
GT#1, GT#2	
REV. 01	
DATE 09-11-89	
SHT. NO. OF SHT. 09	
CADD CODE 106501	

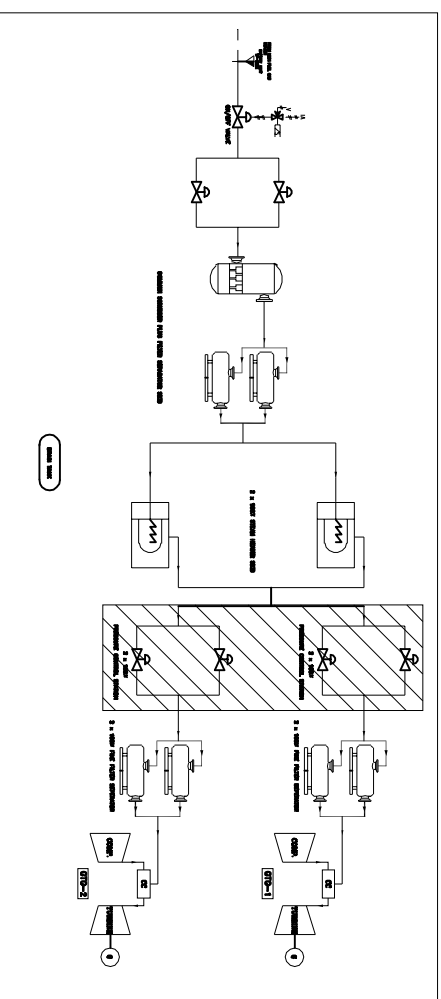
UNITS, DIMS, OR FIN		SCALE		WEIGHT (KG) REF. TO ASSY, DRG.		ITEM NO.		NODFOR	
PER. DIM. CODE		N.T.S		N.A.		N.A.		ITEMS	
450									

BARAUNI GAS CONVERSION PROJECT FOR GT#1, GT#2

INDIAN OIL CORPORATION LTD. BARAUNI REFINERY



GENERAL DIMENSIONAL LIMITS,FITS & TOLERANCES AS PER HY0230261

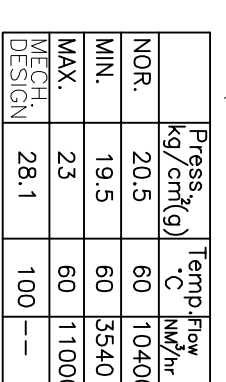


	Press. ² (kg/cm ² (g))	Temp. °C	Flow m ³ /hr
NOR.	21	60	10400
MIN.	20	60	3540
MAX.	23	60	11000
MECH. DESIGN	28.1	100	--

भारत भारती
Bharat
BHARAT HEAVY ELECTRIC
HYDERABAD

	NAME	SIGN.	DATE	NO.OF VAR.
DRN.	MURALIDHAR	<i>[Signature]</i>	23.07.19	
CHD.	IFTEKHARUL	sd/-	23.07.19	N.A.

[illegible]



M. NO.	NO. O. ITEM
I.A.	N.A.
REV	
01	01
09	

BARAUNI GAS CONVERSION PROJECT FOR GT#1, GT#2

CUSTOMER: INDIAN OIL CORPORATION LTD. BARAUNI REFINERY

CONSULTANT:

NAME OF PROJECT:

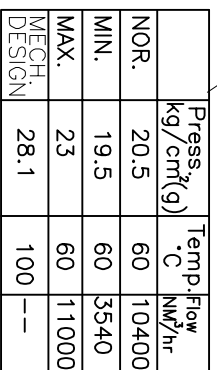
CONSULTANT:

BARAUNI GAS CONVERSION PROJECT FOR GT#1, GT#2

	NAME	SIGN.	DATE	NO.
	DEN.	MURALIDHAR	23.07.19	WAS
	CHD.	ITEKHARUL	23.07.19	N.A.
		sd/-		

REV		P&ID FOR NATURAL GAS CONDITIONING SYSTEM FOR GT#1, GT#2	TITLE	450
01	09	NO. OF SHI.	NA	CARD NO.
	06	SHI. NO.	106501-09-1169	DWG. NO.
				DP-1-M41-1065-01

10	11	12
----	----	----

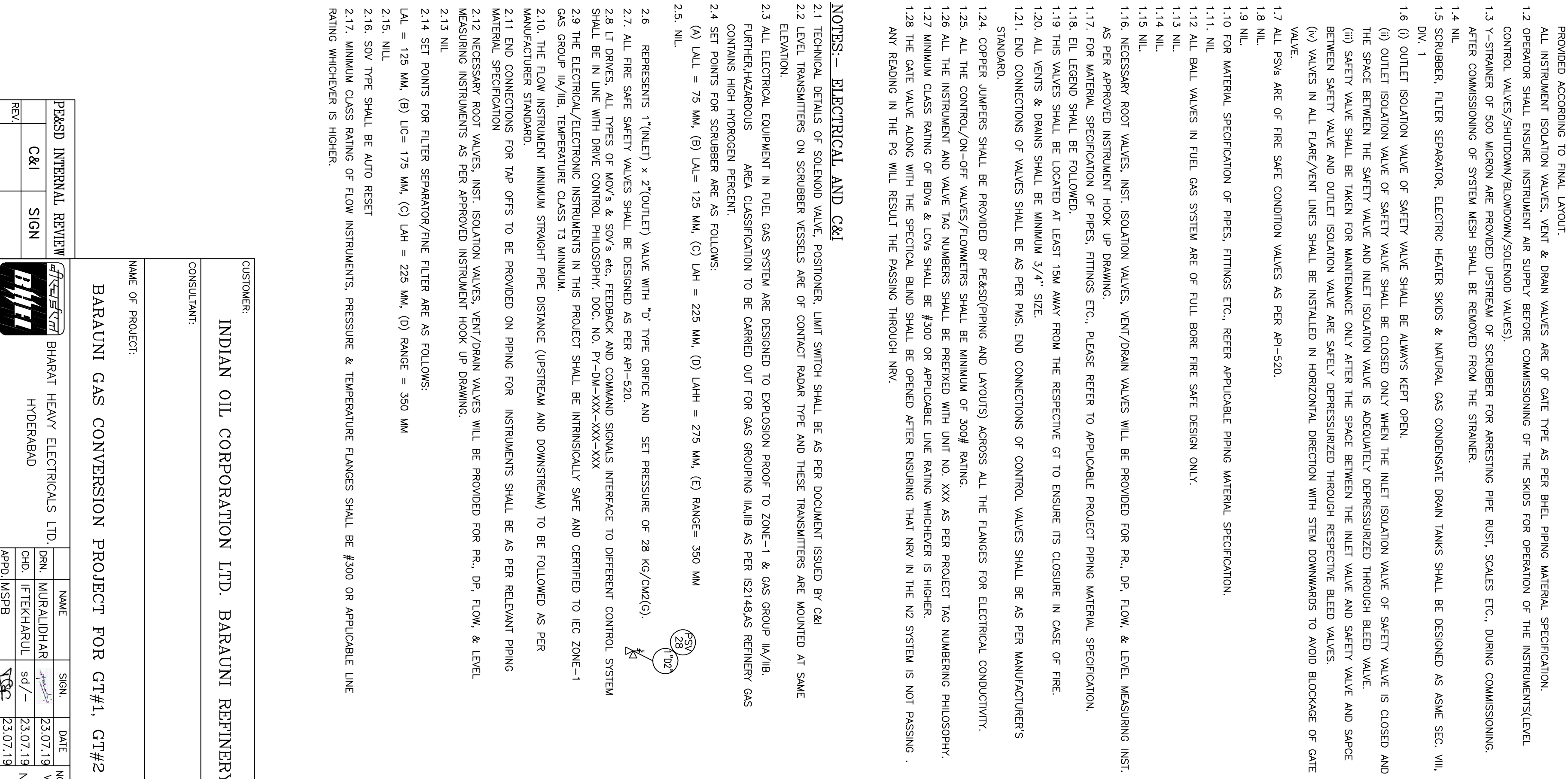


SHT. 6 OF 7

DRG. NO. PYDP1M141106501

A

A



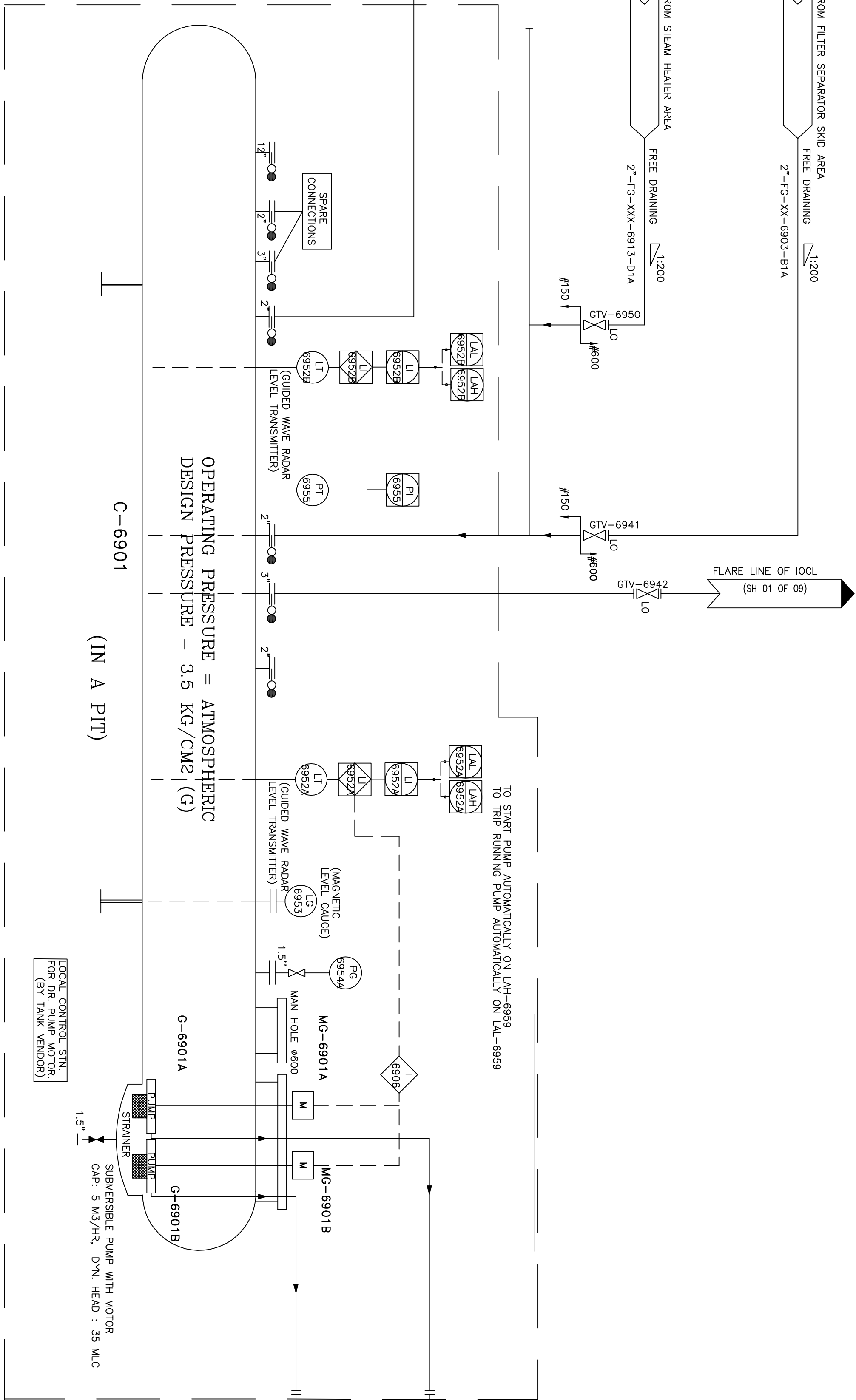
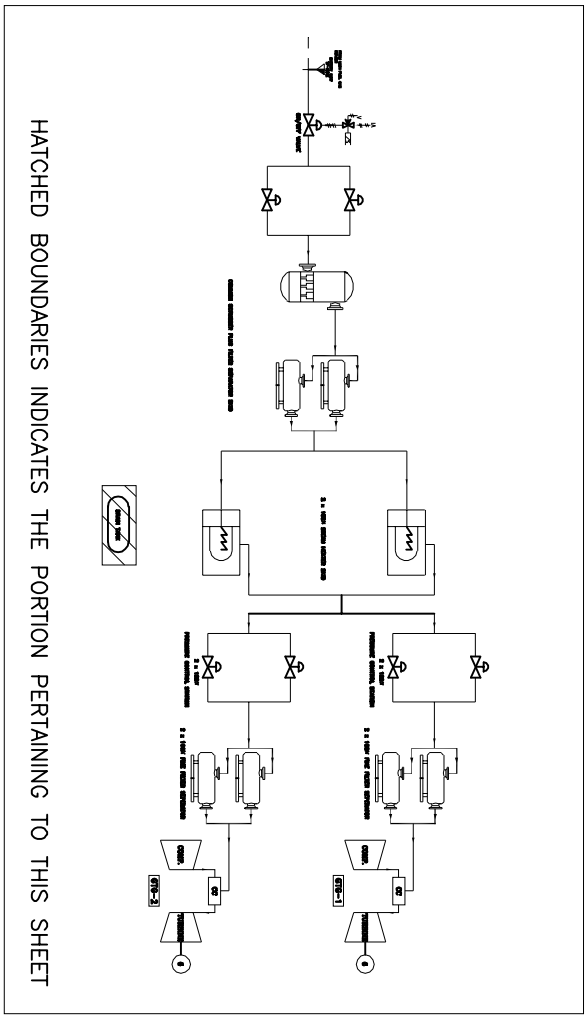
REV.	DATE	ALTERED	MUR/LUDHAR	DEPT.	UNITOL. DIMS.	SCALE	WEIGHT (KG)	REF. TO ASSY. DRG.	ITEM NO.	ITEM NAME
01	02.06.19	CHD/APPD	PITCHER	CODE	OR g/m ³ /	N.T.S.	N.A.	N.A.	N.A.	N.A.
ZONE	RECESSED BATTERY LIMIT PARAMETERS OF INCOMING GAS IS INCORPORATED.									
9	TITLE P&ID FOR NATURAL GAS CONDITIONING SYSTEM									
10	FOR GT#1, GT#2									
11	SHEET No. 08 OF 09									
12	NO. OF SHEET 09									

DRG. NO. PYDP1M141106501

FO .JHT.

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GENERAL DIMENSIONAL LIMITS, FITS & TOLERANCES AS PER HY0230261



Press (kg/cm ²)		Temp (°C)	
NOR.	---	AMB.	---
MIN.	---	---	---
MAX.	---	---	---
DESIGN	3.5	65	5.0

REV.	C&I	SIGN

CUSTOMER: INDIAN OIL CORPORATION LTD. BARAUNI REFINERY	
CONSULTANT:	
NAME OF PROJECT: BARAUNI GAS CONVERSION PROJECT FOR GT#1, GT#2	
BHARAT HEAVY ELECTRICALS LTD. HYDERABAD DRN. MURALIDHAR CHD. IFTKHARUL APPD. MSPB SD / - 23.07.19 23.07.19 DEPT. UNCL. DMS. GR. g/m/y SCALE N.T.S. WEIGHT (KG) REF. TO ASSY. DRG. N.A. ITEM NO. ITEMS N.A. NO. OF N.A. REV. NO. 01 REV. DATE 20/10/19 REV. DATE 09-11-19 REV. DATE 09-11-19 REV. NO. 01 REV. DATE 20/10/19 REV. DATE 09-11-19 REV. DATE 09-11-19	