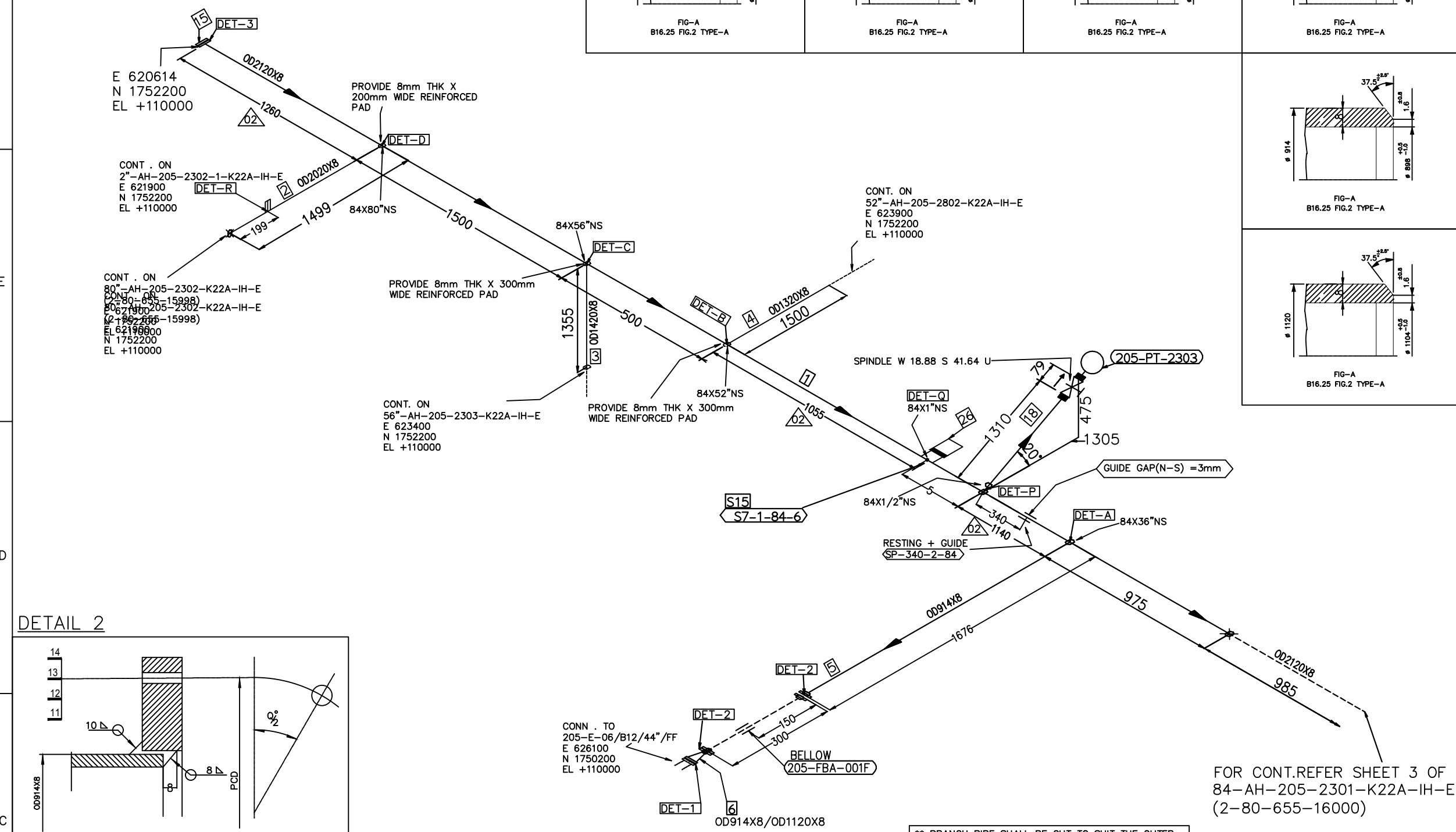


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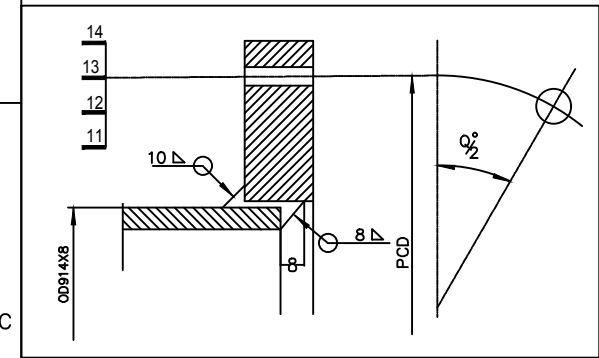
FIRST ANGLE PROJECTION (ALL DIMENSIONS IN MILLIMETRES)

66691-999-08-2-80-655-15999

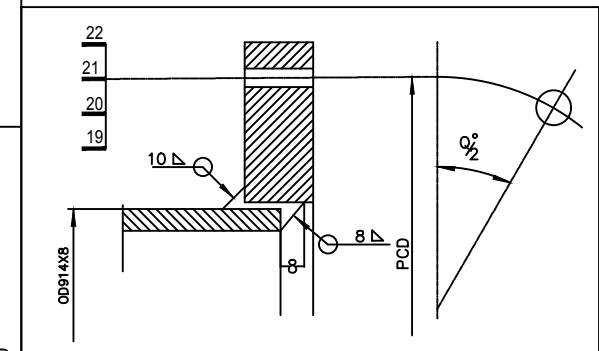
DRAWING NO.



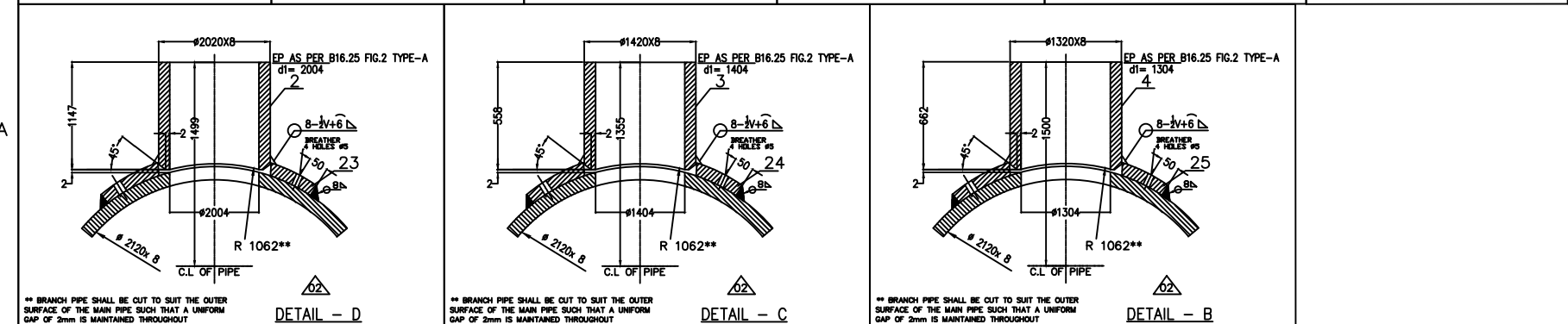
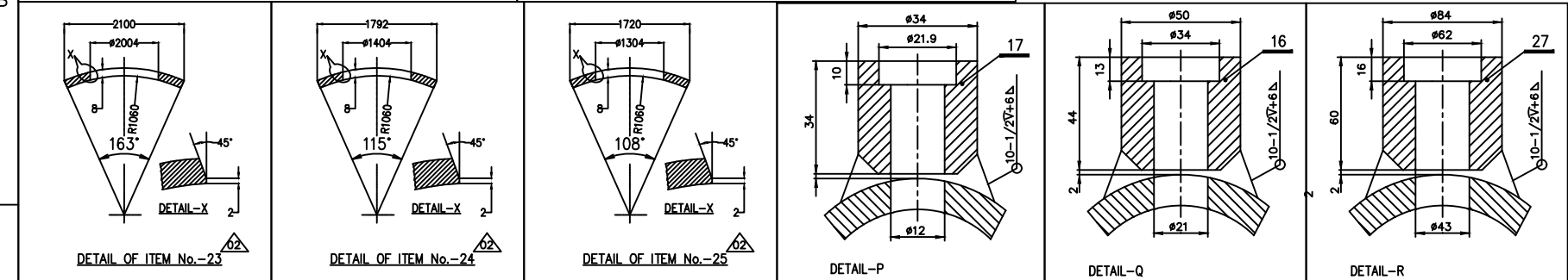
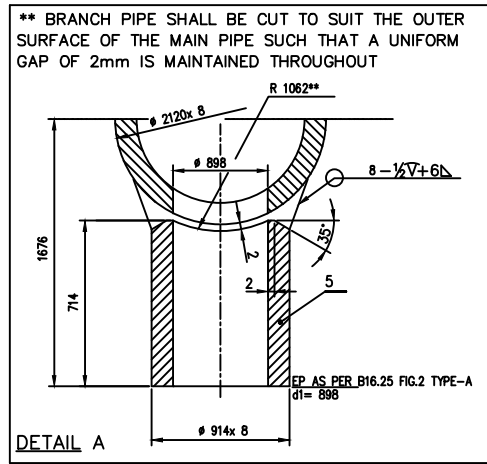
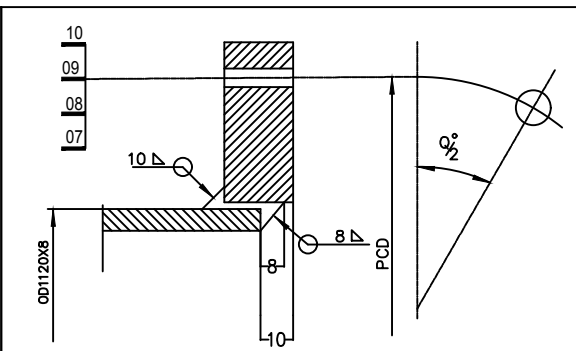
DETAIL 2



DETAIL 3



DETAIL 1



REV 02	DATE 30.05.19	ALTERED PAVANKUMAR APPROVED SESHAGIRI	REV 01	DATE 29.04.19	ALTERED M.P.K APPROVED TRINADH
ZONE	DRAWING REVISED AS PER LATEST EIL DRAWING.		ZONE	DRAWING REVISED AS PER MAIL FROM EIL DT: 24.04.19	
REVISION MARKED AS 02		REVISION MARKED AS 01			

9. 0 INDICATES WELD AT SHOP.
10. X INDICATES WELD AT SITE.

- NOTES:
1. DESIGN PRESSURE - 0.2 KG/CM² (G) DESIGN TEMPERATURE: 290°C
2. FOR STANDARD NOTES OF PRODUCTION AND ERECTION OF PIPES AND TOLERANCE ON FITTINGS REFER DRG NO. 4-80-001-37654 & 4-80-301-26192
3. FOLLOW APPLICABLE QP AND PAINTING SCHEDULE FOR THE PROJECT
4. ALL UNMARKED BENDS/ELBOWS ARE 90 DEG
5. PIPE ENDS SHALL BE BEVELLED AS PER B16.25 FIG.2 TYPE-A
6. GASKET IS SUPPLIED VIDE 7419-80-733 PGMA.
7. FOR ELECTRODE DATA REFER

PIPE SIZE	MATERIAL SPEC	EP FIG	WELD SPEC	ELECTRODE DATA	
				ROOT RUN	FILLER RUN
OD2120x8	ASTM A516 GR.70	FIGURE-A	8 V	ER70S-2/E6010/E6013	ER70S-2/E7016/E7018
OD2020x8	ASTM A516 GR.70	FIGURE-A	8 V	ER70S-2/E6010/E6013	ER70S-2/E7016/E7018
OD1420x8	ASTM A516 GR.70	FIGURE-A	8 V	ER70S-2/E6010/E6013	ER70S-2/E7016/E7018
OD1320x8	ASTM A516 GR.70	FIGURE-A	8 V	ER70S-2/E6010/E6013	ER70S-2/E7016/E7018
OD1120x8	ASTM A516 GR.70	FIGURE-A	8 V	ER70S-2/E6010/E6013	ER70S-2/E7016/E7018
OD914x8	ASTM A516 GR.70	FIGURE-A	8 V	ER70S-2/E6010/E6013	ER70S-2/E7016/E7018

8. THREADS SHALL BE UNIFIED (UNC FOR UP TO 1" DIA) AS PER ASME B1.1 WITH CLASS 2A FIT FOR STUDS AND CLASS 2B FIT FOR NUTS.

02	-----	27	SW STUB NB50 CL:6000	2-80-655-15999	ASTM A 105	C	1 960 01
02	WH6029ZL06ZZZZZZ	26	PLUG B16.11 SCRM 3000# 1"	2-80-655-15999	ASTM A 105	C	0 430 01
02	-----	25	PAD PLATE 16mm; OD1720/D1304	2-80-655-15999	ASTM A 516 GR.70	C	101 792 01
02	-----	24	PAD PLATE 16mm; OD1792/D1404	2-80-655-15999	ASTM A 516 GR.70	C	106 050 01
02	-----	23	PAD PLATE 8mm; OD2100/D2004	2-80-655-15999	ASTM A 516 GR.70	C	82 858 01
---	---	22	GASKET B16.2 SPIRAL WOUND	2-80-655-15999	---	C	0 300 01
---	---	21	NUT 3/4" UNC	2-80-655-15999	A194 GR.2H	C	0 065 136
---	---	20	STUD 3/4" UNC L=131	2-80-655-15999	A193 GR.B7	C	0 334 68
02	FNFK521Z054ZZZZZZ	19	FLANGE.SO CL.150 FF/125AARH 84"	2-80-655-16008	ASTM A 516 GR.70	C	268 047 01
---	---	18	PIPE OD21.3X3.73 L=1000	2-80-655-15999	SA 106 GR.B	C	1 620 01
---	---	17	SW STUB NB15 CL:6000	2-80-655-15999	SA 105	C	0 210 01
---	---	16	SW STUB NB25 CL:6000	2-80-655-15999	SA 105	C	0 570 01
---	---	15	BLIND FLANGE CL.150 FF/125AARH 84"	2-80-655-16009	---	C	268 047 01
---	---	14	GASKET B16.2 SPIRAL WOUND	2-80-655-15999	---	C	--- --- 2
---	---	13	NUT 5/8" UNC	2-80-655-15999	A194 GR.2H	C	0 033 112
---	---	12	STUD 5/8" UNC L=113	2-80-655-15999	A193 GR.B7	C	0 224 56
---	---	11	FLANGE.SO CL.150 FF/125AARH 36"	2-80-655-16008	---	C	48 340 02
---	---	10	GASKET B16.2 SPIRAL WOUND	2-80-655-15999	---	C	0 300 01
---	---	09	NUT 5/8" UNC	2-80-655-15999	A194 GR.2H	C	0 065 72
---	---	08	STUD 5/8" UNC L=113	2-80-655-15999	A193 GR.B7	C	0 336 36
---	---	07	FLANGE.SO CL.150 FF/125AARH 44"	2-80-655-16008	ASTM A 516 GR.70	C	41 752 01
---	---	06	P.F REDUCER OD1120X8/OD914X8	4-80-655-83162	ASTM A 516 GR.70	C	105 904 01
---	---	05	P.F PIPE OD914X8 L=714	3-80-655-35538	ASTM A 516 GR.70	C	88 300 01
---	---	04	P.F PIPE OD1320X8 L=662	3-80-655-35556	ASTM A 516 GR.70	C	171 366 01
---	---	03	P.F PIPE OD1420X8 L=558	3-80-655-16049	ASTM A 516 GR.70	C	155 448 01
---	---	02	P.F PIPE OD2020X8 L=1147	3-80-655-35561	ASTM A 516 GR.70	C	455 312 01
---	---	01	P.F PIPE OD2120X8 L=6435	3-80-655-35560	ASTM A 516 GR.70	C	2681 323 01
ITEM CODE	ITEM NO.	DESCRIPTION	DRAWING NO.	ITEM NO. VAR	MATERIAL CODE	UNIT WT.	QTY.

CUSTOMER INDIAN OIL CORPORATION LIMITED (HALDIA)
CONSULTANT ENGINEERS INDIA LIMITED (EIL) NEW DELHI
NAME OF PROJECT BS-VI, HALDIA

BHEL
CUSTOMER NO: 7419

	NAME PAVANKUMAR	SIGN -sd-	DATE 05.03.19	NO OF ITEMS
	CHD SESHAGIRI	-sd-	05.03.19	
	APPD C.SARAVANAN	-sd-	05.03.19	

DEPT.	GRADE OF UN TOL. DIM C/M/F	SCALE	WEIGHT (Kg.)	REF TO ASSY / OLD DRG	ITEM No.
CODE					
TITLE	EIL DRAWING NO: 84-AH-205-2301-K22A-IH-E		CARD CODE U 01	DRAWING No. 2-80-655-15999	REV 02
		SH 1 of 3			