

05-228/C

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2-80-655-16057

DRAWING No.

ALL DIMENSIONS ARE IN MILLIMETRES

NOTES:-  
1. WEIGHT OF FLANGES MENTIONED IS INCLUSIVE OF ITEM A(END PLATE) & B (LIFTING LUG).

| VAR NO. | FLANGE SIZE | Ø OD | T  | PCD  | N  | Ø d | Ø B  | ID   |
|---------|-------------|------|----|------|----|-----|------|------|
| 01      | OD406       | 597  | 20 | 540  | 16 | 19  | 450  | 410  |
| 02      | OD457       | 635  | 20 | 578  | 16 | 19  | 500  | 460  |
| 03      | OD508       | 699  | 20 | 635  | 20 | 19  | 550  | 510  |
| 04      | OD610       | 780  | 20 | 725  | 20 | 19  | 650  | 610  |
| 05      | OD711       | 895  | 20 | 840  | 24 | 19  | 750  | 710  |
| 06      | OD813       | 1015 | 20 | 950  | 24 | 19  | 850  | 810  |
| 07      | OD914       | 1115 | 20 | 1050 | 28 | 19  | 950  | 910  |
| 08      | OD1020      | 1170 | 20 | 1120 | 32 | 19  | 1060 | 1020 |
| 09      | OD1120      | 1270 | 20 | 1220 | 36 | 19  | 1160 | 1120 |
| 10      | OD1220      | 1370 | 20 | 1320 | 40 | 19  | 1260 | 1220 |
| 11      | OD1320      | 1470 | 20 | 1420 | 44 | 19  | 1360 | 1320 |
| 12      | OD1420      | 1570 | 20 | 1520 | 48 | 19  | 1460 | 1420 |
| 13      | OD1520      | 1670 | 20 | 1620 | 48 | 19  | 1560 | 1520 |
| 14      | OD1620      | 1770 | 20 | 1720 | 52 | 19  | 1660 | 1620 |
| 15      | OD1720      | 1870 | 20 | 1820 | 56 | 19  | 1760 | 1720 |
| 16      | OD1820      | 1970 | 25 | 1920 | 60 | 24  | 1860 | 1820 |
| 17      | OD1920      | 2070 | 25 | 2020 | 64 | 24  | 1960 | 1920 |
| 18      | OD2020      | 2170 | 25 | 2120 | 68 | 24  | 2060 | 2020 |
| 19      | OD2120      | 2270 | 25 | 2220 | 68 | 24  | 2160 | 2120 |

6.3

N HOLES

Ød

6

LIFTING LUG

B

6

ØID+1

P.C.D+1

ØOD+2

VAR NO. 1-19

A(END PLATE)

75

50

50

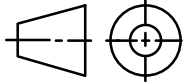
LIFTING LUG

0.2

100

+2

T-0

|                                                                                                                                                     |                     |                  |                    |                                |                                                                                       |                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|------------------|--------------------|--------------------------------|---------------------------------------------------------------------------------------|-----------------------|
| 19                                                                                                                                                  | PLATE T=25 ; OD2270 | 2-80-655-16057   | ---                |                                | 268                                                                                   | 047                   |
| 18                                                                                                                                                  | PLATE T=25 ; OD2170 | 2-80-655-16057   | ASTMA182Gr.F316L   |                                | 247                                                                                   | 822                   |
| 17                                                                                                                                                  | PLATE T=25 ; OD2070 | 2-80-655-16057   | ---                |                                | 228                                                                                   | 692                   |
| 16                                                                                                                                                  | PLATE T=25 ; OD1970 | 2-80-655-16057   | ---                |                                | 214                                                                                   | 297                   |
| 15                                                                                                                                                  | PLATE T=20 ; OD1870 | 2-80-655-16057   | ---                |                                | 178                                                                                   | 536                   |
| 14                                                                                                                                                  | PLATE T=20 ; OD1770 | 2-80-655-16057   | ---                |                                | 162                                                                                   | 372                   |
| 13                                                                                                                                                  | PLATE T=20 ; OD1670 | 2-80-655-16057   | ---                |                                | 146                                                                                   | 947                   |
| 12                                                                                                                                                  | PLATE T=20 ; OD1570 | 2-80-655-16057   | ---                |                                | 132                                                                                   | 084                   |
| 11                                                                                                                                                  | PLATE T=20 ; OD1470 | 2-80-655-16057   | ---                |                                | 118                                                                                   | 138                   |
| 10                                                                                                                                                  | PLATE T=20 ; OD1370 | 2-80-655-16057   | ---                |                                | 104                                                                                   | 931                   |
| 09                                                                                                                                                  | PLATE T=20 ; OD1270 | 2-80-655-16057   | ---                |                                | 92                                                                                    | 464                   |
| 08                                                                                                                                                  | PLATE T=20 ; OD1170 | 2-80-655-16057   | ---                |                                | 80                                                                                    | 737                   |
| 07                                                                                                                                                  | PLATE T=20 ; OD1115 | 2-80-655-16057   | ---                |                                | 83                                                                                    | 416                   |
| 06                                                                                                                                                  | PLATE T=20 ; OD1015 | 2-80-655-16057   | ---                |                                | 71                                                                                    | 885                   |
| 05                                                                                                                                                  | PLATE T=20 ; OD895  | 2-80-655-16057   | ---                |                                | 56                                                                                    | 455                   |
| 04                                                                                                                                                  | PLATE T=20 ; OD780  | 2-80-655-16057   | ---                |                                | 43                                                                                    | 985                   |
| 03                                                                                                                                                  | PLATE T=20 ; OD699  | 2-80-655-16057   | ---                |                                | 38                                                                                    | 587                   |
| 02                                                                                                                                                  | PLATE T=20 ; OD635  | 2-80-655-16057   | ---                |                                | 32                                                                                    | 279                   |
| 01                                                                                                                                                  | PLATE T=20 ; OD597  | 2-80-655-16057   | ---                |                                | 30                                                                                    | 114                   |
| VAR NO.                                                                                                                                             | DESCRIPTION         | DRAWING NO.      | ITEM NO. / VAR NO. | MATERIAL CODE / MATERIAL SPEC. | A / C                                                                                 | UNIT WT. / QTY.       |
| CUSTOMER INDIAN OIL CORPORATION LIMITED (HALDIA)                                                                                                    |                     |                  |                    | BHEL                           |                                                                                       |                       |
| CONSULTANT ENGINEERS INDIA LIMITED (EIL) NEW DELHI                                                                                                  |                     |                  |                    | CUSTOMER NO: 7419              |                                                                                       |                       |
| NAME OF PROJECT BS-VI, HALDIA                                                                                                                       |                     |                  |                    |                                |                                                                                       |                       |
|  BHARAT HEAVY ELECTRICALS LTD., PIPING CENTRE, CHENNAI 600 017 |                     | DRN              | NAME E.PYRIA       | SIGN -sd-                      | DATE 05.02.19                                                                         | NO OF ITEMS           |
|                                                                                                                                                     |                     | CHD              | KVR                | -sd-                           | 05.02.19                                                                              |                       |
|                                                                                                                                                     |                     | APPD             | KVR                | -sd-                           | 05.02.19                                                                              |                       |
| REV 01                                                                                                                                              | DATE                | ALTERED APPROVED | DEPT.              | GRADE OF UN TOL. DIM           | SCALE                                                                                 | WEIGHT (Kg).          |
| ZONE                                                                                                                                                |                     |                  | CODE               | C/M/F                          |  | REF TO ASSY / OLD DRG |
| TITLE FF/125AARH BLIND FLANGE CL150 SS                                                                                                              |                     |                  |                    | CARD CODE U 01                 | DRAWING No. 2-80-655-16057                                                            | REV 00                |

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SIZE A2

V: A2