FIRST ANGLE PROJECTION (ALL DIMENSIONS IN MILLIMETRES)

ALL DIMENSIONS ARE IN MILLIMETRES

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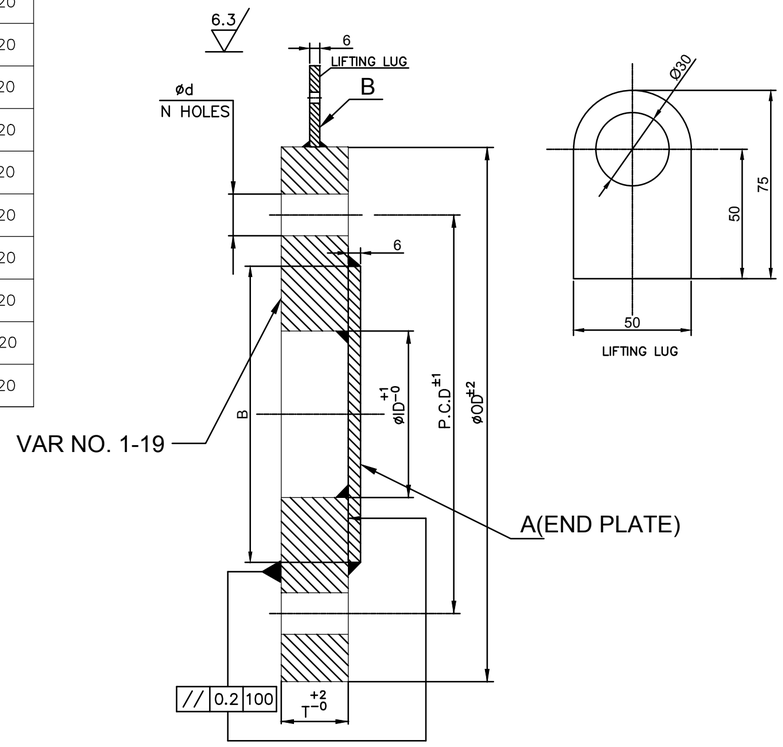
05-228/C

DRAWING No. 2-80-655-16055

| 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 |

NOTES:-

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




| VAR NO. | DESCRIPTION | DRAWING NO. | ITEM NO. / VAR NO. | MATERIAL CODE / MATERIAL SPEC. | A/C | UNIT WT. / QTY. |
|---|---|---|---|---|---|---|
| 19 | PLATE T=25 ; OD2270 | 2-80-655-16055 | | 150230560000 / SA387GR11CL2 | | 268.047 / 1 |
| 18 | PLATE T=25 ; OD2170 | 2-80-655-16055 | | 150230560000 / SA387GR11CL2 | | 247.822 / 1 |
| 17 | PLATE T=25 ; OD2070 | 2-80-655-16055 | | 150230560000 / SA387GR11CL2 | | 228.692 / 1 |
| 16 | PLATE T=25 ; OD1970 | 2-80-655-16055 | | 150230560000 / SA387GR11CL2 | | 210.301 / 1 |
| 15 | PLATE T=20 ; OD1870 | 2-80-655-16055 | | 159421130100 / SA387GR11CL2 | | 178.536 / 1 |
| 14 | PLATE T=20 ; OD1770 | 2-80-655-16055 | | 159421130100 / SA387GR11CL2 | | 162.372 / 1 |
| 13 | PLATE T=20 ; OD1670 | 2-80-655-16055 | | 159421130100 / SA387GR11CL2 | | 146.947 / 1 |
| 12 | PLATE T=20 ; OD1570 | 2-80-655-16055 | | 159421130100 / SA387GR11CL2 | | 132.084 / 1 |
| 11 | PLATE T=20 ; OD1470 | 2-80-655-16055 | | 159421130100 / SA387GR11CL2 | | 118.138 / 1 |
| 10 | PLATE T=20 ; OD1370 | 2-80-655-16055 | | 159421130100 / SA387GR11CL2 | | 104.931 / 1 |
| 09 | PLATE T=20 ; OD1270 | 2-80-655-16055 | | 159421130100 / SA387GR11CL2 | | 92.464 / 1 |
| 08 | PLATE T=20 ; OD1170 | 2-80-655-16055 | | 159421130100 / SA387GR11CL2 | | 80.737 / 1 |
| 07 | PLATE T=20 ; OD1115 | 2-80-655-16055 | | 159421130100 / SA387GR11CL2 | | 83.416 / 1 |
| 06 | PLATE T=20 ; OD1015 | 2-80-655-16055 | | 159421130100 / SA387GR11CL2 | | 71.885 / 1 |
| 05 | PLATE T=20 ; OD895 | 2-80-655-16055 | | 159421130100 / SA387GR11CL2 | | 56.455 / 1 |
| 04 | PLATE T=20 ; OD780 | 2-80-655-16055 | | 159421130100 / SA387GR11CL2 | | 43.985 / 1 |
| 03 | PLATE T=20 ; OD699 | 2-80-655-16055 | | 159421130100 / SA387GR11CL2 | | 38.587 / 1 |
| 02 | PLATE T=20 ; OD635 | 2-80-655-16055 | | 159421130100 / SA387GR11CL2 | | 32.279 / 1 |
| 01 | PLATE T=20 ; OD597 | 2-80-655-16055 | | 159421130100 / SA387GR11CL2 | | 30.114 / 1 |

CUSTOMER: INDIAN OIL CORPORATION LIMITED (HALDIA)

CONSULTANT: ENGINEERS INDIA LIMITED (EIL) NEW DELHI

NAME OF PROJECT: BS-VI, HALDIA

BHEL CUSTOMER NO: 7419

BHARAT HEAVY ELECTRICALS LTD., PIPING CENTRE, CHENNAI 600 017

| | NAME | SIGN | DATE | NO OF ITEMS |
|---|---|---|---|---|
| DRN | E.PYRIA | -sd- | 05.02.19 | |
| CHD | KVR | -sd- | 05.02.19 | |
| APPD | KVR | -sd- | 05.02.19 | |

| REV | DATE | ALTERED / APPROVED |
|---|---|---|
| 01 | | |

ZONE

DEPT. / CODE: GRADE OF UN TOL. DIM C/M/F | SCALE | WEIGHT (Kg). | REF TO ASSY / OLD DRG | ITEM No.

TITLE: FF/125AARH BLIND FLANGE CL150 AS

CARD CODE: U 01

DRAWING No.: 2-80-655-16055

REV: 00

SIZE A2

V: A2