


| MAX. WEIGHT OF VESSEL (TON) | A   | B   | C   | D   | E   | F          | G   | H   | J   | K   | R   | S  | T  |
|-----------------------------|-----|-----|-----|-----|-----|------------|-----|-----|-----|-----|-----|----|----|
| 10                          | 180 | 25  | 25  | 65  | 160 | SEE NOTE 2 | 160 | 80  | 90  | 40  | 40  | 10 | 12 |
| 25                          | 230 | 40  | 40  | 75  | 230 |            | 230 | 130 | 90  | 40  | 40  | 16 | 25 |
| 50                          | 300 | 50  | 50  | 75  | 280 |            | 300 | 150 | 115 | 50  | 50  | 22 | 40 |
| 100                         | 400 | 70  | 70  | 100 | 360 |            | 400 | 200 | 150 | 75  | 75  | 32 | 50 |
| 150                         | 500 | 90  | 80  | 130 | 410 |            | 500 | 250 | 180 | 90  | 90  | 40 | 70 |
| 200                         | 600 | 100 | 100 | 150 | 490 |            | 600 | 300 | 230 | 100 | 100 | 45 | 80 |

**NOTES:**

- 1- ALL DIMENSIONS ARE IN mm. UNLESS OTHERWISE SPECIFIED
- 2- DIMENSION "F" TO BE DETERMINED BY THE SHAPE OF HEAD IN CONJUNCTION WITH DIMENSION "C".
- 3- FILLET WELD SIZE "S" SHALL NOT EXCEED SHELL THICKNESS
- 4- MATERIAL SHALL BE ASTM - A516 GR 70 OR EQUIVALENT FOR CARBON STEEL VESSELS.
- 5- LIFTING LUG MATERIAL FOR ALLOY STEEL VESSELS SHALL BE THE SAME AS VESSEL'S MATERIAL.
- 6- TWO LIFTING LUGS SHALL BE REQUIRED FOR EACH VESSEL
- 7- IN CASE OF CONFLICT BETWEEN VESSEL DRAWING AND THIS DRAWING, THE VESSEL DRAWING SHALL GOVERN.

| REV | DESCRIPTION | DATE |
|-----|-------------|------|
| C   |             |      |
| B   |             |      |
| A   |             |      |

IRANIAN PETROLEUM STANDARDS 

NO REVISION PERMITTED UNLESS APPROVED BY STANDARD ORGANIZATION

LIFTING LUG TO LIFT VESSELS  
UP TO 200 TONS

| DATE | DRAWING No.        | SHEET | REV. |
|------|--------------------|-------|------|
|      | IPS - D - ME - 003 | 1     | 1    |