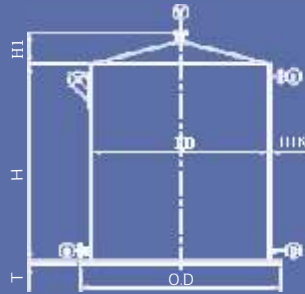


TITANIUM

Vertical  
Storage Tanks

## Ti 00150 LV



ELEVATION



PLAN

### Design data

|                      |   |
|----------------------|---|
| DESIGN CODE          | ASME SEC. VIII DIV.I ED. 2007   |
| WIND DESIGN CODE     | UBC   |
| SESMIC DESIGN CODE   | UBC   |
| CODE STAMP           | EXCLUDED  |
| DESIGN PRESSURE      | ATM   |
| DESIGN TEMPERATURE   | 125° C  |
| FABRICATION          | ESTABLISHED PROCEDURES PER ASME SEC VIII DIV. 1 & WELDING AS PER ASME SEC IX                              |
| INSPECTION & TESTING | LIQUID PENETRATION TEST CODE : ASME SEC VIII DIV 1 APPX. 8<br>WATER FILL TEST : GOOD ENGINEERING PRACTICE |
| RADIOGRAPHY          | EXCLUDED  |
| INSULATION           | NOT REQUIRED  |
| PAINTING             | EPOXY PRIMER PAINTING ON CARBON STEEL : CODE ISO 12944  |
| COLOUR               | GOLDEN ORANGE / RAL - 2000  |
| WEIGHT               | EMPTY WEIGHT : 34 Kg<br>WATER FILL WEIGHT : 193 Kg  |

### Technical Specification

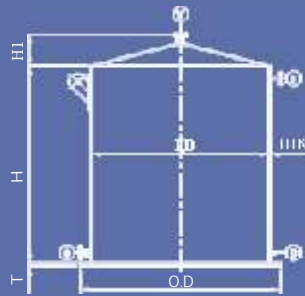
|                    |   |     |                        |
|--------------------|---|-----|------------------------|
| TYPE               | VERTICAL, CYLINDER WITH FLAT BOTTOM & CONE ROOF |     |                        |
| CAPACITY           | 0.15 KL   |     |                        |
| SHELL              | DIAMETER  | 634 | TITANIUM GRADE 2       |
|                    | HEIGHT  | 500 |                        |
| BOTTOM CLOSURE     | DIAMETER  | 690 | TITANIUM GRADE 2       |
|                    | HEIGHT  | 85  |                        |
| CONE ROOF          | DIAMETER  | 634 | TITANIUM GRADE 2       |
|                    | ANGLE   | 15° |                        |
| LIFTING LUG        | 2 Nos   |     | TITANIUM GRADE 2       |
| NOZZLES            | REFER TABLE : Nozzle data                       |     | TITANIUM GRADE 2       |
| FLANGES            | REFER TABLE : Nozzle data                       |     | SA 105 +Ti Gr 2 COLLAR |
| LADDER / PLATFORMS | EXCLUDED  |     |                        |

### Nozzle data

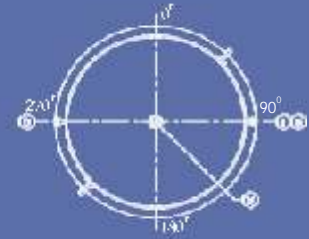
| SNO | SIZE      | THK.&RATING | DESCRIPTION     | TYPE | REMARKS       |
|-----|-----------|-------------|-----------------|------|---------------|
| 1   | 25NB      | 3THK & 150# | INLET NOZZLE(I) | LJFF | --            |
| 2   | 20 NB     | 3THK & 150# | OUTLET HOLE(O)  | LJFF | --            |
| 3   | 20 NB     | 3THK & 150# | VENT NOZZLE(V)  | LJFF | --            |
| 4   | 1/2" PLUG | 3000#       | DRAIN NOZZLE(D) | -    | WITH HEX PLUG |

Other Nozzles & Accessories are optional at extra cost  
All dimensions are in millimeters (mm). Unless otherwise specified

### Ti 00300 LV



ELEVATION



PLAN

### Design data

|                      |   |
|----------------------|---|
| DESIGN CODE          | ASME SEC. VIII DIV.I ED. 2007   |
| WIND DESIGN CODE     | UBC   |
| SESMIC DESIGN CODE   | UBC   |
| CODE STAMP           | EXCLUDED  |
| DESIGN PRESSURE      | ATM   |
| DESIGN TEMPERATURE   | 125° C  |
| FABRICATION          | ESTABLISHED PROCEDURES PER ASME SEC VIII DIV. 1 & WELDING AS PER ASME SEC IX                              |
| INSPECTION & TESTING | LIQUID PENETRATION TEST CODE : ASME SEC VIII DIV 1 APPX. 8<br>WATER FILL TEST : GOOD ENGINEERING PRACTICE |
| RADIOGRAPHY          | EXCLUDED  |
| INSULATION           | NOT REQUIRED  |
| PAINTING             | EPOXY PRIMER PAINTING ON CARBON STEEL : CODE ISO 12944  |
| COLOUR               | GOLDEN ORANGE / RAL - 2000  |
| WEIGHT               | EMPTY WEIGHT : 48 Kg<br>WATER FILL WEIGHT : 364 Kg  |

### Technical Specification

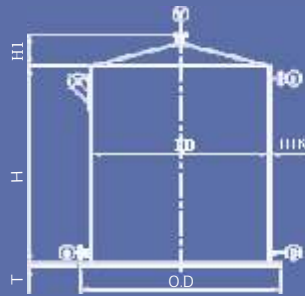
|                    |   |      |                        |
|--------------------|---|------|------------------------|
| TYPE               | VERTICAL, CYLINDER WITH FLAT BOTTOM & CONE ROOF |      |                        |
| CAPACITY           | 0.3 KL  |      |                        |
| SHELL              | DIAMETER  | 634  | TITANIUM GRADE 2       |
|                    | HEIGHT  | 1000 |                        |
| BOTTOM CLOSURE     | DIAMETER  | 690  | TITANIUM GRADE 2       |
|                    | HEIGHT  | 85   |                        |
| CONE ROOF          | DIAMETER  | 634  | TITANIUM GRADE 2       |
|                    | ANGLE   | 15°  |                        |
| LIFTING LUG        | 2 Nos   |      | TITANIUM GRADE 2       |
| NOZZLES            | REFER TABLE : Nozzle data                       |      | TITANIUM GRADE 2       |
| FLANGES            | REFER TABLE : Nozzle data                       |      | SA 105 +Ti Gr 2 COLLAR |
| LADDER / PLATFORMS | EXCLUDED  |      |                        |

### Nozzle data

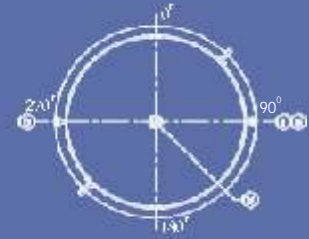
| SNO | SIZE      | THK.&RATING | DESCRIPTION     | TYPE | REMARKS       |
|-----|-----------|-------------|-----------------|------|---------------|
| 1   | 25NB      | 3THK & 150# | INLET NOZZLE(I) | LJFF | --            |
| 2   | 20 NB     | 3THK & 150# | OUTLET HOLE(O)  | LJFF | --            |
| 3   | 20 NB     | 3THK & 150# | VENT NOZZLE(V)  | LJFF | --            |
| 4   | 1/2" PLUG | 3000#       | DRAIN NOZZLE(D) | -    | WITH HEX PLUG |

Other Nozzles & Accessories are optional at extra cost  
All dimensions are in millimeters (mm). Unless otherwise specified

### Ti 00600 LV



ELEVATION



PLAN

### Design data

|                      |   |
|----------------------|---|
| DESIGN CODE          | ASME SEC. VIII DIV.I ED. 2007   |
| WIND DESIGN CODE     | UBC   |
| SESMIC DESIGN CODE   | UBC   |
| CODE STAMP           | EXCLUDED  |
| DESIGN PRESSURE      | ATM   |
| DESIGN TEMPERATURE   | 125° C  |
| FABRICATION          | ESTABLISHED PROCEDURES PER ASME SEC VIII DIV. 1 & WELDING AS PER ASME SEC IX                              |
| INSPECTION & TESTING | LIQUID PENETRATION TEST CODE : ASME SEC VIII DIV 1 APPX. 8<br>WATER FILL TEST : GOOD ENGINEERING PRACTICE |
| RADIOGRAPHY          | EXCLUDED  |
| INSULATION           | NOT REQUIRED  |
| PAINTING             | EPOXY PRIMER PAINTING ON CARBON STEEL : CODE ISO 12944  |
| COLOUR               | GOLDEN ORANGE / RAL - 2000  |
| WEIGHT               | EMPTY WEIGHT : 74 Kg<br>WATER FILL WEIGHT : 733 Kg  |

### Technical Specification

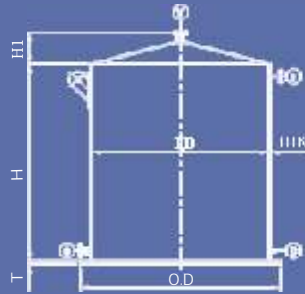
|                    |   |      |                        |
|--------------------|---|------|------------------------|
| TYPE               | VERTICAL, CYLINDER WITH FLAT BOTTOM & CONE ROOF |      |                        |
| CAPACITY           | 0.6 KL  |      |                        |
| SHELL              | DIAMETER  | 950  | TITANIUM GRADE 2       |
|                    | HEIGHT  | 900  |                        |
| BOTTOM CLOSURE     | DIAMETER  | 1006 | TITANIUM GRADE 2       |
|                    | HEIGHT  | 127  |                        |
| CONE ROOF          | DIAMETER  | 950  | TITANIUM GRADE 2       |
|                    | ANGLE   | 15°  |                        |
| LIFTING LUG        | 2 Nos   |      | TITANIUM GRADE 2       |
| NOZZLES            | REFER TABLE : Nozzle data                       |      | TITANIUM GRADE 2       |
| FLANGES            | REFER TABLE : Nozzle data                       |      | SA 105 +Ti Gr 2 COLLAR |
| LADDER / PLATFORMS | EXCLUDED  |      |                        |

### Nozzle data

| SNO | SIZE      | THK.&RATING | DESCRIPTION     | TYPE | REMARKS       |
|-----|-----------|-------------|-----------------|------|---------------|
| 1   | 40NB      | 3THK & 150# | INLET NOZZLE(I) | LJFF | --            |
| 2   | 25 NB     | 3THK & 150# | OUTLET HOLE(O)  | LJFF | --            |
| 3   | 20 NB     | 3THK & 150# | VENT NOZZLE(V)  | LJFF | --            |
| 4   | 1/2" PLUG | 3000#       | DRAIN NOZZLE(D) | -    | WITH HEX PLUG |

Other Nozzles & Accessories are optional at extra cost  
All dimensions are in millimeters (mm). Unless otherwise specified

### Ti 00800 LV



ELEVATION



PLAN

### Design data

|                      |   |
|----------------------|---|
| DESIGN CODE          | ASME SEC. VIII DIV.I ED. 2007   |
| WIND DESIGN CODE     | UBC   |
| SESMIC DESIGN CODE   | UBC   |
| CODE STAMP           | EXCLUDED  |
| DESIGN PRESSURE      | ATM   |
| DESIGN TEMPERATURE   | 125° C  |
| FABRICATION          | ESTABLISHED PROCEDURES PER ASME SEC VIII DIV. 1 & WELDING AS PER ASME SEC IX                              |
| INSPECTION & TESTING | LIQUID PENETRATION TEST CODE : ASME SEC VIII DIV 1 APPX. 8<br>WATER FILL TEST : GOOD ENGINEERING PRACTICE |
| RADIOGRAPHY          | EXCLUDED  |
| INSULATION           | NOT REQUIRED  |
| PAINTING             | EPOXY PRIMER PAINTING ON CARBON STEEL : CODE ISO 12944  |
| COLOUR               | GOLDEN ORANGE / RAL - 2000  |
| WEIGHT               | EMPTY WEIGHT : 87 Kg<br>WATER FILL WEIGHT : 958 Kg  |

### Technical Specification

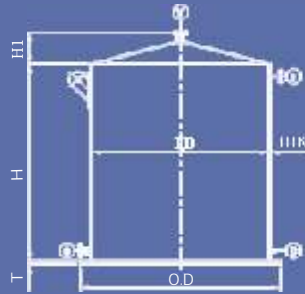
|                    |   |      |                        |
|--------------------|---|------|------------------------|
| TYPE               | VERTICAL, CYLINDER WITH FLAT BOTTOM & CONE ROOF |      |                        |
| CAPACITY           | 0.8 KL  |      |                        |
| SHELL              | DIAMETER  | 950  | TITANIUM GRADE 2       |
|                    | HEIGHT  | 1200 |                        |
| BOTTOM CLOSURE     | DIAMETER  | 1006 | TITANIUM GRADE 2       |
|                    | HEIGHT  | 127  |                        |
| CONE ROOF          | DIAMETER  | 950  | TITANIUM GRADE 2       |
|                    | ANGLE   | 15°  |                        |
| LIFTING LUG        | 2 Nos   |      | TITANIUM GRADE 2       |
| NOZZLES            | REFER TABLE : Nozzle data                       |      | TITANIUM GRADE 2       |
| FLANGES            | REFER TABLE : Nozzle data                       |      | SA 105 +Ti Gr 2 COLLAR |
| LADDER / PLATFORMS | EXCLUDED  |      |                        |

### Nozzle data

| SNO | SIZE      | THK.&RATING | DESCRIPTION     | TYPE | REMARKS       |
|-----|-----------|-------------|-----------------|------|---------------|
| 1   | 40NB      | 3THK & 150# | INLET NOZZLE(I) | LJFF | --            |
| 2   | 25 NB     | 3THK & 150# | OUTLET HOLE(O)  | LJFF | --            |
| 3   | 20 NB     | 3THK & 150# | VENT NOZZLE(V)  | LJFF | --            |
| 4   | 1/2" PLUG | 3000#       | DRAIN NOZZLE(D) | -    | WITH HEX PLUG |

Other Nozzles & Accessories are optional at extra cost  
All dimensions are in millimeters (mm). Unless otherwise specified

### Ti 001000 LV



ELEVATION



PLAN

### Design data

|                      |   |
|----------------------|---|
| DESIGN CODE          | ASME SEC. VIII DIV.I ED. 2007   |
| WIND DESIGN CODE     | UBC   |
| SESMIC DESIGN CODE   | UBC   |
| CODE STAMP           | EXCLUDED  |
| DESIGN PRESSURE      | ATM   |
| DESIGN TEMPERATURE   | 125° C  |
| FABRICATION          | ESTABLISHED PROCEDURES PER ASME SEC VIII DIV. 1 & WELDING AS PER ASME SEC IX                              |
| INSPECTION & TESTING | LIQUID PENETRATION TEST CODE : ASME SEC VIII DIV 1 APPX. 8<br>WATER FILL TEST : GOOD ENGINEERING PRACTICE |
| RADIOGRAPHY          | EXCLUDED  |
| INSULATION           | NOT REQUIRED  |
| PAINTING             | EPOXY PRIMER PAINTING ON CARBON STEEL : CODE ISO 12944  |
| COLOUR               | GOLDEN ORANGE / RAL - 2000  |
| WEIGHT               | EMPTY WEIGHT : 99 Kg<br>WATER FILL WEIGHT : 1183 Kg   |

### Technical Specification

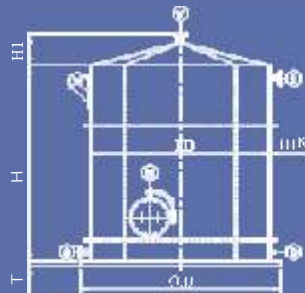
|                    |   |      |                        |
|--------------------|---|------|------------------------|
| TYPE               | VERTICAL, CYLINDER WITH FLAT BOTTOM & CONE ROOF |      |                        |
| CAPACITY           | 1.0 KL  |      |                        |
| SHELL              | DIAMETER  | 950  | TITANIUM GRADE 2       |
|                    | HEIGHT  | 1500 |                        |
| BOTTOM CLOSURE     | DIAMETER  | 1006 | TITANIUM GRADE 2       |
|                    | HEIGHT  | 127  |                        |
| CONE ROOF          | DIAMETER  | 950  | TITANIUM GRADE 2       |
|                    | ANGLE   | 15°  |                        |
| LIFTING LUG        | 2 Nos   |      | TITANIUM GRADE 2       |
| NOZZLES            | REFER TABLE : Nozzle data                       |      | TITANIUM GRADE 2       |
| FLANGES            | REFER TABLE : Nozzle data                       |      | SA 105 +Ti Gr 2 COLLAR |
| LADDER / PLATFORMS | EXCLUDED  |      |                        |

### Nozzle data

| SNO | SIZE      | THK.&RATING | DESCRIPTION     | TYPE | REMARKS       |
|-----|-----------|-------------|-----------------|------|---------------|
| 1   | 40NB      | 3THK & 150# | INLET NOZZLE(I) | LJFF | --            |
| 2   | 25 NB     | 3THK & 150# | OUTLET HOLE(O)  | LJFF | --            |
| 3   | 20 NB     | 3THK & 150# | VENT NOZZLE(V)  | LJFF | --            |
| 4   | 1/2" PLUG | 3000#       | DRAIN NOZZLE(D) | -    | WITH HEX PLUG |

Other Nozzles & Accessories are optional at extra cost  
All dimensions are in millimeters (mm). Unless otherwise specified

## Ti 002000 LV



ELEVATION



PLAN

### Design data

|                      |   |
|----------------------|---|
| DESIGN CODE          | ASME SEC. VIII DIV.I ED. 2007   |
| WIND DESIGN CODE     | UBC   |
| SESMIC DESIGN CODE   | UBC   |
| CODE STAMP           | EXCLUDED  |
| DESIGN PRESSURE      | ATM   |
| DESIGN TEMPERATURE   | 125° C  |
| FABRICATION          | ESTABLISHED PROCEDURES PER ASME SEC VIII DIV. 1 & WELDING AS PER ASME SEC IX                              |
| INSPECTION & TESTING | LIQUID PENETRATION TEST CODE : ASME SEC VIII DIV 1 APPX. 8<br>WATER FILL TEST : GOOD ENGINEERING PRACTICE |
| RADIOGRAPHY          | EXCLUDED  |
| INSULATION           | NOT REQUIRED  |
| PAINTING             | EPOXY PRIMER PAINTING ON CARBON STEEL : CODE ISO 12944  |
| COLOUR               | GOLDEN ORANGE / RAL - 2000  |
| WEIGHT               | EMPTY WEIGHT : 208 Kg<br>WATER FILL WEIGHT : 2301 Kg  |

### Technical Specification

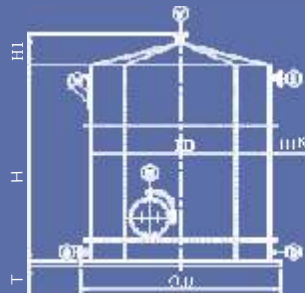
|                    |   |                           |                        |
|--------------------|---|---------------------------|------------------------|
| TYPE               | VERTICAL, CYLINDER WITH FLAT BOTTOM & CONE ROOF |                           |                        |
| CAPACITY           | 2.0 KL  |                           |                        |
| SHELL              | DIAMETER  | 1270                      | TITANIUM GRADE 2       |
|                    | HEIGHT  | 1700                      |                        |
| BOTTOM CLOSURE     | DIAMETER  | 1326                      | TITANIUM GRADE 2       |
|                    | DIAMETER  | 1270                      |                        |
| CONE ROOF          | HEIGHT  | 170                       | TITANIUM GRADE 2       |
|                    | ANGLE   | 15°                       |                        |
|                    |   |                           |                        |
| LIFTING LUG        |   | 2 Nos                     | TITANIUM GRADE 2       |
| STIFFENER          |   | 25 x 3                    | TITANIUM GRADE 2       |
| NOZZLES            |   | REFER TABLE : Nozzle data | TITANIUM GRADE 2       |
| FLANGES            |   | REFER TABLE : Nozzle data | SA 105 +Ti Gr 2 COLLAR |
| LADDER / PLATFORMS |   | EXCLUDED                  |                        |

### Nozzle data

| SNO | SIZE      | THK.&RATING | DESCRIPTION      | TYPE | REMARKS           |
|-----|-----------|-------------|------------------|------|-------------------|
| 1   | 50 NB     | 3THK & 150# | INLET NOZZLE (I) | LJFF | --                |
| 2   | 40 NB     | 3THK & 150# | OUTLET HOLE(O)   | LJFF | --                |
| 3   | 40 NB     | 3THK & 150# | VENT NOZZLE(V)   | LJFF | --                |
| 4   | 3/4" PLUG | 3000#       | DRAIN NOZZLE(D)  | -    | WITH HEX PLUG     |
| 5   | 450NB     | 3THK & 150# | MAN HOLE         | LJFF | WITH BLIND FLANGE |

Other Nozzles & Accessories are optional at extra cost  
All dimensions are in millimeters (mm). Unless otherwise specified

## Ti 003000 LV



ELEVATION



PLAN

### Design data

|                      |   |
|----------------------|---|
| DESIGN CODE          | ASME SEC. VIII DIV.I ED. 2007   |
| WIND DESIGN CODE     | UBC   |
| SESMIC DESIGN CODE   | UBC   |
| CODE STAMP           | EXCLUDED  |
| DESIGN PRESSURE      | ATM   |
| DESIGN TEMPERATURE   | 125° C  |
| FABRICATION          | ESTABLISHED PROCEDURES PER ASME SEC VIII DIV. 1 & WELDING AS PER ASME SEC IX                              |
| INSPECTION & TESTING | LIQUID PENETRATION TEST CODE : ASME SEC VIII DIV 1 APPX. 8<br>WATER FILL TEST : GOOD ENGINEERING PRACTICE |
| RADIOGRAPHY          | EXCLUDED  |
| INSULATION           | NOT REQUIRED  |
| PAINTING             | EPOXY PRIMER PAINTING ON CARBON STEEL : CODE ISO 12944  |
| COLOUR               | GOLDEN ORANGE / RAL - 2000  |
| WEIGHT               | EMPTY WEIGHT : 251 Kg<br>WATER FILL WEIGHT : 3358 Kg  |

### Technical Specification

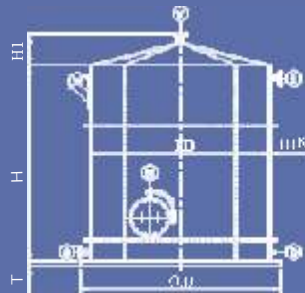
|                    |   |      |                        |
|--------------------|---|------|------------------------|
| TYPE               | VERTICAL, CYLINDER WITH FLAT BOTTOM & CONE ROOF |      |                        |
| CAPACITY           | 3.0 KL  |      |                        |
| SHELL              | DIAMETER  | 1270 | TITANIUM GRADE 2       |
|                    | HEIGHT  | 2500 |                        |
| BOTTOM CLOSURE     | DIAMETER  | 1326 | TITANIUM GRADE 2       |
|                    | DIAMETER  | 1270 | TITANIUM GRADE 2       |
| CONE ROOF          | HEIGHT  | 170  |                        |
|                    | ANGLE   | 15°  |                        |
| LIFTING LUG        | 2 Nos   |      | TITANIUM GRADE 2       |
| STIFFENER          | 25 x 3  |      | TITANIUM GRADE 2       |
| NOZZLES            | REFER TABLE : Nozzle data                       |      | TITANIUM GRADE 2       |
| FLANGES            | REFER TABLE : Nozzle data                       |      | SA 105 +Ti Gr 2 COLLAR |
| LADDER / PLATFORMS | EXCLUDED  |      |                        |

### Nozzle data

| SNO | SIZE      | THK.&RATING | DESCRIPTION      | TYPE | REMARKS           |
|-----|-----------|-------------|------------------|------|-------------------|
| 1   | 50 NB     | 3THK & 150# | INLET NOZZLE (I) | LJFF | --                |
| 2   | 40 NB     | 3THK & 150# | OUTLET HOLE(O)   | LJFF | --                |
| 3   | 40 NB     | 3THK & 150# | VENT NOZZLE(V)   | LJFF | --                |
| 4   | 3/4" PLUG | 3000#       | DRAIN NOZZLE(D)  | -    | WITH HEX PLUG     |
| 5   | 450NB     | 3THK & 150# | MAN HOLE         | LJFF | WITH BLIND FLANGE |

Other Nozzles & Accessories are optional at extra cost  
All dimensions are in millimeters (mm). Unless otherwise specified

## Ti 004000 LV



ELEVATION



PLAN

### Design data

|                      |   |
|----------------------|---|
| DESIGN CODE          | ASME SEC. VIII DIV.I ED. 2007   |
| WIND DESIGN CODE     | UBC   |
| SESMIC DESIGN CODE   | UBC   |
| CODE STAMP           | EXCLUDED  |
| DESIGN PRESSURE      | ATM   |
| DESIGN TEMPERATURE   | 125° C  |
| FABRICATION          | ESTABLISHED PROCEDURES PER ASME SEC VIII DIV. 1 & WELDING AS PER ASME SEC IX                              |
| INSPECTION & TESTING | LIQUID PENETRATION TEST CODE : ASME SEC VIII DIV 1 APPX. 8<br>WATER FILL TEST : GOOD ENGINEERING PRACTICE |
| RADIOGRAPHY          | EXCLUDED  |
| INSULATION           | NOT REQUIRED  |
| PAINTING             | EPOXY PRIMER PAINTING ON CARBON STEEL : CODE ISO 12944  |
| COLOUR               | GOLDEN ORANGE / RAL - 2000  |
| WEIGHT               | EMPTY WEIGHT : 288 Kg<br>WATER FILL WEIGHT : 4582 Kg  |

### Technical Specification

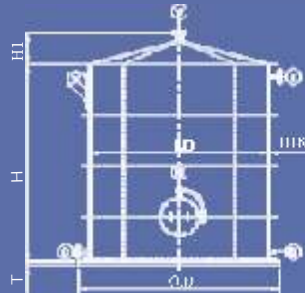
|                    |   |      |                        |
|--------------------|---|------|------------------------|
| TYPE               | VERTICAL, CYLINDER WITH FLAT BOTTOM & CONE ROOF |      |                        |
| CAPACITY           | 4.0 KL  |      |                        |
| SHELL              | DIAMETER  | 1905 | TITANIUM GRADE 2       |
|                    | HEIGHT  | 1500 |                        |
| BOTTOM CLOSURE     | DIAMETER  | 1961 | TITANIUM GRADE 2       |
|                    | DIAMETER  | 1905 | TITANIUM GRADE 2       |
| CONE ROOF          | HEIGHT  | 255  |                        |
|                    | ANGLE   | 15°  |                        |
| LIFTING LUG        | 2 Nos   |      | TITANIUM GRADE 2       |
| STIFFENER          | 25 x 3  |      | TITANIUM GRADE 2       |
| NOZZLES            | REFER TABLE : Nozzle data                       |      | TITANIUM GRADE 2       |
| FLANGES            | REFER TABLE : Nozzle data                       |      | SA 105 +Ti Gr 2 COLLAR |
| LADDER / PLATFORMS | EXCLUDED  |      |                        |

### Nozzle data

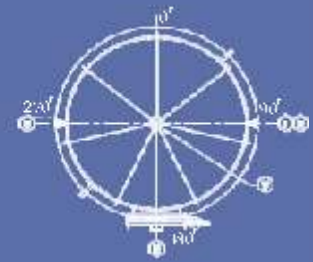
| SNO | SIZE      | THK.&RATING | DESCRIPTION        | TYPE | REMARKS           |
|-----|-----------|-------------|--------------------|------|-------------------|
| 1   | 100 NB    | 3THK & 150# | INLET NOZZLE ( I ) | LJFF | --                |
| 2   | 80 NB     | 3THK & 150# | OUTLET HOLE(O)     | LJFF | --                |
| 3   | 40 NB     | 3THK & 150# | VENT NOZZLE(V)     | LJFF | --                |
| 4   | 3/4" PLUG | 3000#       | DRAIN NOZZLE(D)    | -    | WITH HEX PLUG     |
| 5   | 450NB     | 3THK & 150# | MAN HOLE           | LJFF | WITH BLIND FLANGE |

Other Nozzles & Accessories are optional at extra cost  
All dimensions are in millimeters (mm). Unless otherwise specified

## Ti 005000 LV



ELEVATION



PLAN

### Design data

|                      |   |
|----------------------|---|
| DESIGN CODE          | ASME SEC. VIII DIV.I ED. 2007   |
| WIND DESIGN CODE     | UBC   |
| SESMIC DESIGN CODE   | UBC   |
| CODE STAMP           | EXCLUDED  |
| DESIGN PRESSURE      | ATM   |
| DESIGN TEMPERATURE   | 125° C  |
| FABRICATION          | ESTABLISHED PROCEDURES PER ASME SEC VIII DIV. 1 & WELDING AS PER ASME SEC IX                              |
| INSPECTION & TESTING | LIQUID PENETRATION TEST CODE : ASME SEC VIII DIV 1 APPX. 8<br>WATER FILL TEST : GOOD ENGINEERING PRACTICE |
| RADIOGRAPHY          | EXCLUDED  |
| INSULATION           | NOT REQUIRED  |
| PAINTING             | EPOXY PRIMER PAINTING ON CARBON STEEL : CODE ISO 12944  |
| COLOUR               | GOLDEN ORANGE / RAL - 2000  |
| WEIGHT               | EMPTY WEIGHT : 317 Kg<br>WATER FILL WEIGHT : 5637 Kg  |

### Technical Specification

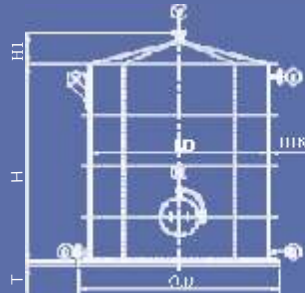
|                    |   |      |                        |
|--------------------|---|------|------------------------|
| TYPE               | VERTICAL, CYLINDER WITH FLAT BOTTOM & CONE ROOF |      |                        |
| CAPACITY           | 5.0 KL  |      |                        |
| SHELL              | DIAMETER  | 1905 | TITANIUM GRADE 2       |
|                    | HEIGHT  | 2000 |                        |
| BOTTOM CLOSURE     | DIAMETER  | 1961 | TITANIUM GRADE 2       |
| CONE ROOF          | DIAMETER  | 1905 | TITANIUM GRADE 2       |
|                    | HEIGHT  | 255  |                        |
|                    | ANGLE   | 15°  |                        |
| LIFTING LUG        | 2 Nos   |      | TITANIUM GRADE 2       |
| STIFFENER          | 25 x 3  |      | TITANIUM GRADE 2       |
| NOZZLES            | REFER TABLE : Nozzle data                       |      | TITANIUM GRADE 2       |
| FLANGES            | REFER TABLE : Nozzle data                       |      | SA 105 +Ti Gr 2 COLLAR |
| LADDER / PLATFORMS | EXCLUDED  |      |                        |

### Nozzle data

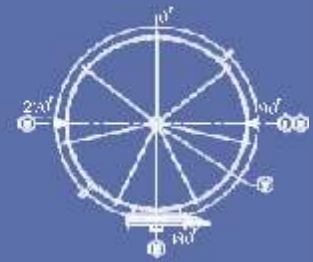
| SNO | SIZE      | THK.&RATING | DESCRIPTION        | TYPE | REMARKS           |
|-----|-----------|-------------|--------------------|------|-------------------|
| 1   | 100 NB    | 3THK & 150# | INLET NOZZLE ( I ) | LJFF | --                |
| 2   | 80 NB     | 3THK & 150# | OUTLET HOLE(O)     | LJFF | --                |
| 3   | 40 NB     | 3THK & 150# | VENT NOZZLE(V)     | LJFF | --                |
| 4   | 3/4" PLUG | 3000#       | DRAIN NOZZLE(D)    | -    | WITH HEX PLUG     |
| 5   | 450NB     | 3THK & 150# | MAN HOLE           | LJFF | WITH BLIND FLANGE |

Other Nozzles & Accessories are optional at extra cost  
All dimensions are in millimeters (mm). Unless otherwise specified

## Ti 10000 LV



ELEVATION



PLAN

### Design data

|                      |   |
|----------------------|---|
| DESIGN CODE          | ASME SEC. VIII DIV.I ED. 2007   |
| WIND DESIGN CODE     | UBC   |
| SESMIC DESIGN CODE   | UBC   |
| CODE STAMP           | EXCLUDED  |
| DESIGN PRESSURE      | ATM   |
| DESIGN TEMPERATURE   | 125° C  |
| FABRICATION          | ESTABLISHED PROCEDURES PER ASME SEC VIII DIV. 1 & WELDING AS PER ASME SEC IX                              |
| INSPECTION & TESTING | LIQUID PENETRATION TEST CODE : ASME SEC VIII DIV 1 APPX. 8<br>WATER FILL TEST : GOOD ENGINEERING PRACTICE |
| RADIOGRAPHY          | EXCLUDED  |
| INSULATION           | NOT REQUIRED  |
| PAINTING             | EPOXY PRIMER PAINTING ON CARBON STEEL : CODE ISO 12944  |
| COLOUR               | GOLDEN ORANGE / RAL - 2000  |
| WEIGHT               | EMPTY WEIGHT : 460 Kg<br>WATER FILL WEIGHT : 10794 Kg   |

### Technical Specification

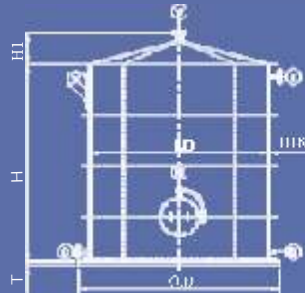
|                    |   |      |                        |
|--------------------|---|------|------------------------|
| TYPE               | VERTICAL, CYLINDER WITH FLAT BOTTOM & CONE ROOF |      |                        |
| CAPACITY           | 10 KL   |      |                        |
| SHELL              | DIAMETER  | 1905 | TITANIUM GRADE 2       |
|                    | HEIGHT  | 3700 |                        |
| BOTTOM CLOSURE     | DIAMETER  | 1961 | TITANIUM GRADE 2       |
|                    | DIAMETER  | 1905 | TITANIUM GRADE 2       |
| CONE ROOF          | HEIGHT  | 255  |                        |
|                    | ANGLE   | 15°  |                        |
| LIFTING LUG        | 2 Nos   |      | TITANIUM GRADE 2       |
| STIFFENER          | 25 x 3  |      | TITANIUM GRADE 2       |
| NOZZLES            | REFER TABLE : Nozzle data                       |      | TITANIUM GRADE 2       |
| FLANGES            | REFER TABLE : Nozzle data                       |      | SA 105 +Ti Gr 2 COLLAR |
| LADDER / PLATFORMS | EXCLUDED  |      |                        |

### Nozzle data

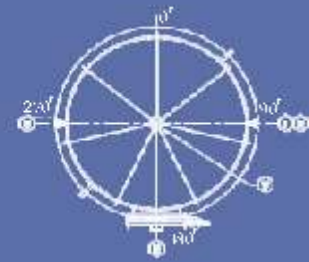
| SNO | SIZE      | THK.&RATING | DESCRIPTION        | TYPE | REMARKS           |
|-----|-----------|-------------|--------------------|------|-------------------|
| 1   | 100 NB    | 3THK & 150# | INLET NOZZLE ( I ) | LJFF | --                |
| 2   | 80 NB     | 3THK & 150# | OUTLET HOLE (O)    | LJFF | --                |
| 3   | 40 NB     | 3THK & 150# | VENT NOZZLE (V)    | LJFF | --                |
| 4   | 3/4" PLUG | 3000#       | DRAIN NOZZLE (D)   | -    | WITH HEX PLUG     |
| 5   | 600NB     | 3THK & 150# | MAN HOLE           | LJFF | WITH BLIND FLANGE |

Other Nozzles & Accessories are optional at extra cost  
All dimensions are in millimeters (mm). Unless otherwise specified

## Ti 15000 LV



ELEVATION



PLAN

### Design data

|                      |   |
|----------------------|---|
| DESIGN CODE          | ASME SEC. VIII DIV.I ED. 2007   |
| WIND DESIGN CODE     | UBC   |
| SESMIC DESIGN CODE   | UBC   |
| CODE STAMP           | EXCLUDED  |
| DESIGN PRESSURE      | ATM   |
| DESIGN TEMPERATURE   | 125° C  |
| FABRICATION          | ESTABLISHED PROCEDURES PER ASME SEC VIII DIV. 1 & WELDING AS PER ASME SEC IX                              |
| INSPECTION & TESTING | LIQUID PENETRATION TEST CODE : ASME SEC VIII DIV 1 APPX. 8<br>WATER FILL TEST : GOOD ENGINEERING PRACTICE |
| RADIOGRAPHY          | EXCLUDED  |
| INSULATION           | NOT REQUIRED  |
| PAINTING             | EPOXY PRIMER PAINTING ON CARBON STEEL : CODE ISO 12944  |
| COLOUR               | GOLDEN ORANGE / RAL - 2000  |
| WEIGHT               | EMPTY WEIGHT : 560 Kg<br>WATER FILL WEIGHT : 16304 Kg   |

### Technical Specification

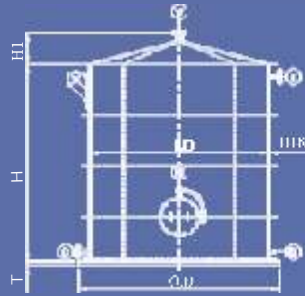
|                    |   |      |                        |
|--------------------|---|------|------------------------|
| TYPE               | VERTICAL, CYLINDER WITH FLAT BOTTOM & CONE ROOF |      |                        |
| CAPACITY           | 15 KL   |      |                        |
| SHELL              | DIAMETER  | 1905 | TITANIUM GRADE 2       |
|                    | HEIGHT  | 5500 |                        |
| BOTTOM CLOSURE     | DIAMETER  | 1961 | TITANIUM GRADE 2       |
|                    | DIAMETER  | 1905 | TITANIUM GRADE 2       |
| CONE ROOF          | HEIGHT  | 255  |                        |
|                    | ANGLE   | 15°  |                        |
| LIFTING LUG        | 2 Nos   |      | TITANIUM GRADE 2       |
| STIFFENER          | 25 x 3  |      | TITANIUM GRADE 2       |
| NOZZLES            | REFER TABLE : Nozzle data                       |      | TITANIUM GRADE 2       |
| FLANGES            | REFER TABLE : Nozzle data                       |      | SA 105 +Ti Gr 2 COLLAR |
| LADDER / PLATFORMS | EXCLUDED  |      |                        |

### Nozzle data

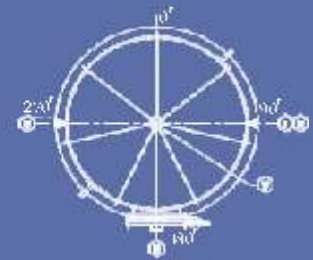
| SNO | SIZE      | THK.&RATING | DESCRIPTION      | TYPE | REMARKS           |
|-----|-----------|-------------|------------------|------|-------------------|
| 1   | 100 NB    | 3THK & 150# | INLET NOZZLE (I) | LJFF | --                |
| 2   | 80 NB     | 3THK & 150# | OUTLET HOLE(O)   | LJFF | --                |
| 3   | 40 NB     | 3THK & 150# | VENT NOZZLE(V)   | LJFF | --                |
| 4   | 3/4" PLUG | 3000#       | DRAIN NOZZLE(D)  | -    | WITH HEX PLUG     |
| 5   | 600NB     | 3THK & 150# | MAN HOLE         | LJFF | WITH BLIND FLANGE |

Other Nozzles & Accessories are optional at extra cost  
All dimensions are in millimeters (mm). Unless otherwise specified

### Ti 18000 LV



ELEVATION



PLAN

### Design data

|                      |   |
|----------------------|---|
| DESIGN CODE          | ASME SEC. VIII DIV.I ED. 2007   |
| WIND DESIGN CODE     | UBC   |
| SESMIC DESIGN CODE   | UBC   |
| CODE STAMP           | EXCLUDED  |
| DESIGN PRESSURE      | ATM   |
| DESIGN TEMPERATURE   | 125° C  |
| FABRICATION          | ESTABLISHED PROCEDURES PER ASME SEC VIII DIV. 1 & WELDING AS PER ASME SEC IX                              |
| INSPECTION & TESTING | LIQUID PENETRATION TEST CODE : ASME SEC VIII DIV 1 APPX. 8<br>WATER FILL TEST : GOOD ENGINEERING PRACTICE |
| RADIOGRAPHY          | EXCLUDED  |
| INSULATION           | NOT REQUIRED  |
| PAINTING             | EPOXY PRIMER PAINTING ON CARBON STEEL : CODE ISO 12944  |
| COLOUR               | GOLDEN ORANGE / RAL - 2000  |
| WEIGHT               | EMPTY WEIGHT : 623 Kg<br>WATER FILL WEIGHT : 19408 Kg   |

### Technical Specification

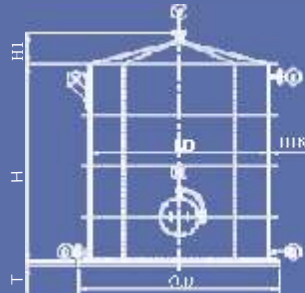
|                    |   |                           |                        |
|--------------------|---|---------------------------|------------------------|
| TYPE               | VERTICAL, CYLINDER WITH FLAT BOTTOM & CONE ROOF |                           |                        |
| CAPACITY           | 18 KL   |                           |                        |
| SHELL              | DIAMETER  | 2540                      | TITANIUM GRADE 2       |
|                    | HEIGHT  | 3700                      |                        |
| BOTTOM CLOSURE     | DIAMETER  | 2596                      | TITANIUM GRADE 2       |
|                    | DIAMETER  | 2540                      |                        |
| CONE ROOF          | HEIGHT  | 340                       | TITANIUM GRADE 2       |
|                    | ANGLE   | 15°                       |                        |
|                    |   |                           |                        |
| LIFTING LUG        |   | 2 Nos                     | TITANIUM GRADE 2       |
| STIFFENER          |   | 25 x 3                    | TITANIUM GRADE 2       |
| NOZZLES            |   | REFER TABLE : Nozzle data | TITANIUM GRADE 2       |
| FLANGES            |   | REFER TABLE : Nozzle data | SA 105 +Ti Gr 2 COLLAR |
| LADDER / PLATFORMS |   | EXCLUDED                  |                        |

### Nozzle data

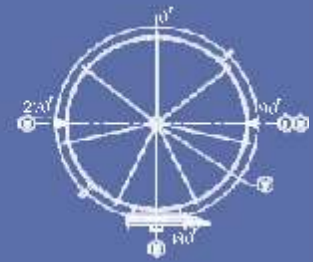
| SNO | SIZE    | THK.&RATING | DESCRIPTION        | TYPE | REMARKS           |
|-----|---------|-------------|--------------------|------|-------------------|
| 1   | 150 NB  | 3THK & 150# | INLET NOZZLE ( I ) | LJFF | --                |
| 2   | 100 NB  | 3THK & 150# | OUTLET HOLE(O)     | LJFF | --                |
| 3   | 50 NB   | 3THK & 150# | VENT NOZZLE(V)     | LJFF | --                |
| 4   | 1" PLUG | 3000#       | DRAIN NOZZLE(D)    | -    | WITH HEX PLUG     |
| 5   | 600NB   | 3THK & 150# | MAN HOLE           | LJFF | WITH BLIND FLANGE |

Other Nozzles & Accessories are optional at extra cost  
All dimensions are in millimeters (mm). Unless otherwise specified

## Ti 22000 LV



ELEVATION



PLAN

### Design data

|                      |   |
|----------------------|---|
| DESIGN CODE          | ASME SEC. VIII DIV.I ED. 2007   |
| WIND DESIGN CODE     | UBC   |
| SESMIC DESIGN CODE   | UBC   |
| CODE STAMP           | EXCLUDED  |
| DESIGN PRESSURE      | ATM   |
| DESIGN TEMPERATURE   | 125° C  |
| FABRICATION          | ESTABLISHED PROCEDURES PER ASME SEC VIII DIV. 1 & WELDING AS PER ASME SEC IX                              |
| INSPECTION & TESTING | LIQUID PENETRATION TEST CODE : ASME SEC VIII DIV 1 APPX. 8<br>WATER FILL TEST : GOOD ENGINEERING PRACTICE |
| RADIOGRAPHY          | EXCLUDED  |
| INSULATION           | NOT REQUIRED  |
| PAINTING             | EPOXY PRIMER PAINTING ON CARBON STEEL : CODE ISO 12944  |
| COLOUR               | GOLDEN ORANGE / RAL - 2000  |
| WEIGHT               | EMPTY WEIGHT : 709 Kg<br>WATER FILL WEIGHT : 23547 Kg   |

### Technical Specification

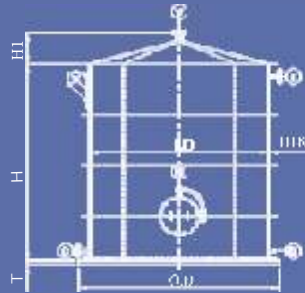
|                    |   |      |                        |
|--------------------|---|------|------------------------|
| TYPE               | VERTICAL, CYLINDER WITH FLAT BOTTOM & CONE ROOF |      |                        |
| CAPACITY           | 22 KL   |      |                        |
| SHELL              | DIAMETER  | 2540 | TITANIUM GRADE 2       |
|                    | HEIGHT  | 4500 |                        |
| BOTTOM CLOSURE     | DIAMETER  | 2596 | TITANIUM GRADE 2       |
|                    | DIAMETER  | 2540 | TITANIUM GRADE 2       |
| CONE ROOF          | HEIGHT  | 340  |                        |
|                    | ANGLE   | 15°  |                        |
| LIFTING LUG        | 2 Nos   |      | TITANIUM GRADE 2       |
| STIFFENER          | 25 x 3  |      | TITANIUM GRADE 2       |
| NOZZLES            | REFER TABLE : Nozzle data                       |      | TITANIUM GRADE 2       |
| FLANGES            | REFER TABLE : Nozzle data                       |      | SA 105 +Ti Gr 2 COLLAR |
| LADDER / PLATFORMS | EXCLUDED  |      |                        |

### Nozzle data

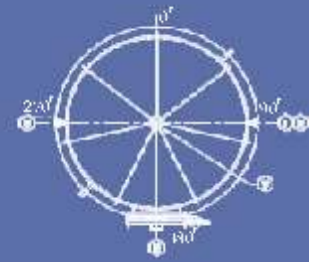
| SNO | SIZE    | THK.&RATING | DESCRIPTION      | TYPE | REMARKS           |
|-----|---------|-------------|------------------|------|-------------------|
| 1   | 150 NB  | 3THK & 150# | INLET NOZZLE (I) | LJFF | --                |
| 2   | 100 NB  | 3THK & 150# | OUTLET HOLE(O)   | LJFF | --                |
| 3   | 50 NB   | 3THK & 150# | VENT NOZZLE(V)   | LJFF | --                |
| 4   | 1" PLUG | 3000#       | DRAIN NOZZLE(D)  | -    | WITH HEX PLUG     |
| 5   | 600NB   | 3THK & 150# | MAN HOLE         | LJFF | WITH BLIND FLANGE |

Other Nozzles & Accessories are optional at extra cost  
All dimensions are in millimeters (mm). Unless otherwise specified

## Ti 25000 LV



ELEVATION



PLAN

### Design data

|                      |   |
|----------------------|---|
| DESIGN CODE          | ASME SEC. VIII DIV.I ED. 2007   |
| WIND DESIGN CODE     | UBC   |
| SESMIC DESIGN CODE   | UBC   |
| CODE STAMP           | EXCLUDED  |
| DESIGN PRESSURE      | ATM   |
| DESIGN TEMPERATURE   | 125° C  |
| FABRICATION          | ESTABLISHED PROCEDURES PER ASME SEC VIII DIV. 1 & WELDING AS PER ASME SEC IX                              |
| INSPECTION & TESTING | LIQUID PENETRATION TEST CODE : ASME SEC VIII DIV 1 APPX. 8<br>WATER FILL TEST : GOOD ENGINEERING PRACTICE |
| RADIOGRAPHY          | EXCLUDED  |
| INSULATION           | NOT REQUIRED  |
| PAINTING             | EPOXY PRIMER PAINTING ON CARBON STEEL : CODE ISO 12944  |
| COLOUR               | GOLDEN ORANGE / RAL - 2000  |
| WEIGHT               | EMPTY WEIGHT : 763 Kg<br>WATER FILL WEIGHT : 26863 Kg   |

### Technical Specification

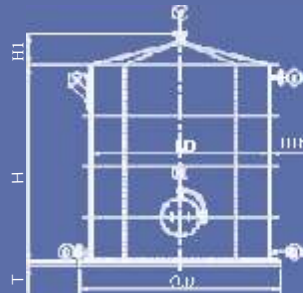
|                    |   |      |                        |
|--------------------|---|------|------------------------|
| TYPE               | VERTICAL, CYLINDER WITH FLAT BOTTOM & CONE ROOF |      |                        |
| CAPACITY           | 25 KL   |      |                        |
| SHELL              | DIAMETER  | 2540 | TITANIUM GRADE 2       |
|                    | HEIGHT  | 5100 |                        |
| BOTTOM CLOSURE     | DIAMETER  | 2596 | TITANIUM GRADE 2       |
|                    | DIAMETER  | 2540 | TITANIUM GRADE 2       |
| CONE ROOF          | HEIGHT  | 340  |                        |
|                    | ANGLE   | 15°  |                        |
| LIFTING LUG        | 2 Nos   |      | TITANIUM GRADE 2       |
| STIFFENER          | 25 x 3  |      | TITANIUM GRADE 2       |
| NOZZLES            | REFER TABLE : Nozzle data                       |      | TITANIUM GRADE 2       |
| FLANGES            | REFER TABLE : Nozzle data                       |      | SA 105 +Ti Gr 2 COLLAR |
| LADDER / PLATFORMS | EXCLUDED  |      |                        |

### Nozzle data

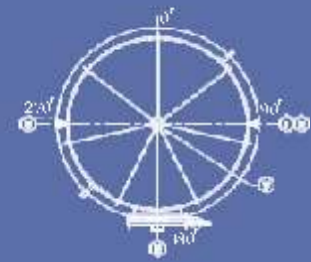
| SNO | SIZE    | THK.&RATING | DESCRIPTION      | TYPE | REMARKS           |
|-----|---------|-------------|------------------|------|-------------------|
| 1   | 150 NB  | 3THK & 150# | INLET NOZZLE (I) | LJFF | --                |
| 2   | 100 NB  | 3THK & 150# | OUTLET HOLE(O)   | LJFF | --                |
| 3   | 50 NB   | 3THK & 150# | VENT NOZZLE(V)   | LJFF | --                |
| 4   | 1" PLUG | 3000#       | DRAIN NOZZLE(D)  | -    | WITH HEX PLUG     |
| 5   | 600NB   | 3THK & 150# | MAN HOLE         | LJFF | WITH BLIND FLANGE |

Other Nozzles & Accessories are optional at extra cost  
All dimensions are in millimeters (mm). Unless otherwise specified

## Ti 28000 LV



ELEVATION



PLAN

### Design data

|                      |   |
|----------------------|---|
| DESIGN CODE          | ASME SEC. VIII DIV.I ED. 2007   |
| WIND DESIGN CODE     | UBC   |
| SESMIC DESIGN CODE   | UBC   |
| CODE STAMP           | EXCLUDED  |
| DESIGN PRESSURE      | ATM   |
| DESIGN TEMPERATURE   | 125° C  |
| FABRICATION          | ESTABLISHED PROCEDURES PER ASME SEC VIII DIV. 1 & WELDING AS PER ASME SEC IX                              |
| INSPECTION & TESTING | LIQUID PENETRATION TEST CODE : ASME SEC VIII DIV 1 APPX. 8<br>WATER FILL TEST : GOOD ENGINEERING PRACTICE |
| RADIOGRAPHY          | EXCLUDED  |
| INSULATION           | NOT REQUIRED  |
| PAINTING             | EPOXY PRIMER PAINTING ON CARBON STEEL : CODE ISO 12944  |
| COLOUR               | GOLDEN ORANGE / RAL - 2000  |
| WEIGHT               | EMPTY WEIGHT : 820 Kg<br>WATER FILL WEIGHT : 29928 Kg   |

### Technical Specification

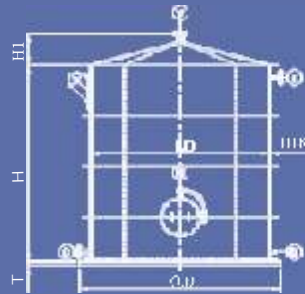
|                    |   |      |                        |
|--------------------|---|------|------------------------|
| TYPE               | VERTICAL, CYLINDER WITH FLAT BOTTOM & CONE ROOF |      |                        |
| CAPACITY           | 28 KL   |      |                        |
| SHELL              | DIAMETER  | 2540 | TITANIUM GRADE 2       |
|                    | HEIGHT  | 5700 |                        |
| BOTTOM CLOSURE     | DIAMETER  | 2596 | TITANIUM GRADE 2       |
|                    | DIAMETER  | 2540 |                        |
| CONE ROOF          | HEIGHT  | 340  | TITANIUM GRADE 2       |
|                    | ANGLE   | 15°  |                        |
|                    |   |      |                        |
| LIFTING LUG        | 2 Nos   |      | TITANIUM GRADE 2       |
| STIFFENER          | 25 x 3  |      | TITANIUM GRADE 2       |
| NOZZLES            | REFER TABLE : Nozzle data                       |      | TITANIUM GRADE 2       |
| FLANGES            | REFER TABLE : Nozzle data                       |      | SA 105 +Ti Gr 2 COLLAR |
| LADDER / PLATFORMS | EXCLUDED  |      |                        |

### Nozzle data

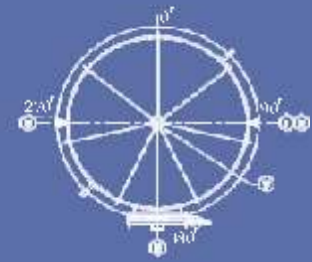
| SNO | SIZE    | THK.&RATING | DESCRIPTION     | TYPE | REMARKS           |
|-----|---------|-------------|-----------------|------|-------------------|
| 1   | 200 NB  | 3THK & 150# | INLET NOZZLE(I) | LJFF | --                |
| 2   | 150 NB  | 3THK & 150# | OUTLET HOLE(O)  | LJFF | --                |
| 3   | 50 NB   | 3THK & 150# | VENT NOZZLE(V)  | LJFF | --                |
| 4   | 1" PLUG | 3000#       | DRAIN NOZZLE(D) | -    | WITH HEX PLUG     |
| 5   | 600NB   | 3THK & 150# | MAN HOLE        | LJFF | WITH BLIND FLANGE |

Other Nozzles & Accessories are optional at extra cost  
All dimensions are in millimeters (mm). Unless otherwise specified

## Ti 30000 LV



ELEVATION



PLAN

### Design data

|                      |   |
|----------------------|---|
| DESIGN CODE          | ASME SEC. VIII DIV.I ED. 2007   |
| WIND DESIGN CODE     | UBC   |
| SESMIC DESIGN CODE   | UBC   |
| CODE STAMP           | EXCLUDED  |
| DESIGN PRESSURE      | ATM   |
| DESIGN TEMPERATURE   | 125° C  |
| FABRICATION          | ESTABLISHED PROCEDURES PER ASME SEC VIII DIV. 1 & WELDING AS PER ASME SEC IX                              |
| INSPECTION & TESTING | LIQUID PENETRATION TEST CODE : ASME SEC VIII DIV 1 APPX. 8<br>WATER FILL TEST : GOOD ENGINEERING PRACTICE |
| RADIOGRAPHY          | EXCLUDED  |
| INSULATION           | NOT REQUIRED  |
| PAINTING             | EPOXY PRIMER PAINTING ON CARBON STEEL : CODE ISO 12944  |
| COLOUR               | GOLDEN ORANGE / RAL - 2000  |
| WEIGHT               | EMPTY WEIGHT : 843 Kg<br>WATER FILL WEIGHT : 32334 Kg   |

### Technical Specification

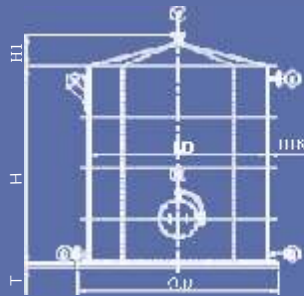
|                    |   |                           |                        |
|--------------------|---|---------------------------|------------------------|
| TYPE               | VERTICAL, CYLINDER WITH FLAT BOTTOM & CONE ROOF |                           |                        |
| CAPACITY           | 30 KL   |                           |                        |
| SHELL              | DIAMETER  | 2540                      | TITANIUM GRADE 2       |
|                    | HEIGHT  | 6100                      |                        |
| BOTTOM CLOSURE     | DIAMETER  | 2596                      | TITANIUM GRADE 2       |
|                    | DIAMETER  | 2540                      |                        |
| CONE ROOF          | HEIGHT  | 340                       | TITANIUM GRADE 2       |
|                    | ANGLE   | 15°                       |                        |
|                    |   |                           |                        |
| LIFTING LUG        |   | 2 Nos                     | TITANIUM GRADE 2       |
| STIFFENER          |   | 25 x 3                    | TITANIUM GRADE 2       |
| NOZZLES            |   | REFER TABLE : Nozzle data | TITANIUM GRADE 2       |
| FLANGES            |   | REFER TABLE : Nozzle data | SA 105 +Ti Gr 2 COLLAR |
| LADDER / PLATFORMS |   | EXCLUDED                  |                        |

### Nozzle data

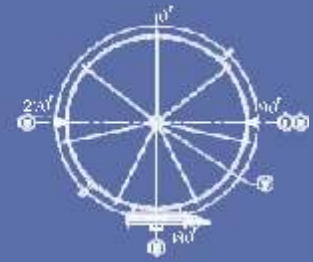
| SNO | SIZE    | THK.&RATING | DESCRIPTION     | TYPE | REMARKS           |
|-----|---------|-------------|-----------------|------|-------------------|
| 1   | 200 NB  | 3THK & 150# | INLET NOZZLE(I) | LJFF | --                |
| 2   | 150 NB  | 3THK & 150# | OUTLET HOLE(O)  | LJFF | --                |
| 3   | 50 NB   | 3THK & 150# | VENT NOZZLE(V)  | LJFF | --                |
| 4   | 1" PLUG | 3000#       | DRAIN NOZZLE(D) | -    | WITH HEX PLUG     |
| 5   | 600NB   | 3THK & 150# | MAN HOLE        | LJFF | WITH BLIND FLANGE |

Other Nozzles & Accessories are optional at extra cost  
All dimensions are in millimeters (mm). Unless otherwise specified

## Ti 32000 LV



ELEVATION



PLAN

### Design data

|                      |   |
|----------------------|---|
| DESIGN CODE          | ASME SEC. VIII DIV.I ED. 2007   |
| WIND DESIGN CODE     | UBC   |
| SESMIC DESIGN CODE   | UBC   |
| CODE STAMP           | EXCLUDED  |
| DESIGN PRESSURE      | ATM   |
| DESIGN TEMPERATURE   | 125° C  |
| FABRICATION          | ESTABLISHED PROCEDURES PER ASME SEC VIII DIV. 1 & WELDING AS PER ASME SEC IX                              |
| INSPECTION & TESTING | LIQUID PENETRATION TEST CODE : ASME SEC VIII DIV 1 APPX. 8<br>WATER FILL TEST : GOOD ENGINEERING PRACTICE |
| RADIOGRAPHY          | EXCLUDED  |
| INSULATION           | NOT REQUIRED  |
| PAINTING             | EPOXY PRIMER PAINTING ON CARBON STEEL : CODE ISO 12944  |
| COLOUR               | GOLDEN ORANGE / RAL - 2000  |
| WEIGHT               | EMPTY WEIGHT : 880 Kg<br>WATER FILL WEIGHT : 34595 Kg   |

### Technical Specification

|                    |   |      |                        |
|--------------------|---|------|------------------------|
| TYPE               | VERTICAL, CYLINDER WITH FLAT BOTTOM & CONE ROOF |      |                        |
| CAPACITY           | 32 KL   |      |                        |
| SHELL              | DIAMETER  | 2540 | TITANIUM GRADE 2       |
|                    | HEIGHT  | 6500 |                        |
| BOTTOM CLOSURE     | DIAMETER  | 2596 | TITANIUM GRADE 2       |
|                    | DIAMETER  | 2540 |                        |
| CONE ROOF          | HEIGHT  | 340  | TITANIUM GRADE 2       |
|                    | ANGLE   | 15°  |                        |
| LIFTING LUG        | 2 Nos   |      | TITANIUM GRADE 2       |
| STIFFENER          | 25 x 3  |      | TITANIUM GRADE 2       |
| NOZZLES            | REFER TABLE : Nozzle data                       |      | TITANIUM GRADE 2       |
| FLANGES            | REFER TABLE : Nozzle data                       |      | SA 105 +Ti Gr 2 COLLAR |
| LADDER / PLATFORMS | EXCLUDED  |      |                        |

### Nozzle data

| SNO | SIZE    | THK.&RATING | DESCRIPTION        | TYPE | REMARKS           |
|-----|---------|-------------|--------------------|------|-------------------|
| 1   | 200 NB  | 3THK & 150# | INLET NOZZLE ( I ) | LJFF | --                |
| 2   | 150 NB  | 3THK & 150# | OUTLET HOLE(O)     | LJFF | --                |
| 3   | 50 NB   | 3THK & 150# | VENT NOZZLE(V)     | LJFF | --                |
| 4   | 1" PLUG | 3000#       | DRAIN NOZZLE(D)    | -    | WITH HEX PLUG     |
| 5   | 600NB   | 3THK & 150# | MAN HOLE           | LJFF | WITH BLIND FLANGE |

Other Nozzles & Accessories are optional at extra cost  
All dimensions are in millimeters (mm). Unless otherwise specified