

Equipment Listing Details



| Parent Project No.: | 4476870 | Date: | 08/06/2019 | Revision: | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------|--|----------------------|-------------------|-----------|----------|------|------|-------------|----|----|----------|----|----|-----------|----|----|-----------|----|---|---------------|----|---|----------|----|---|----------------------|----|---|----------|----|---|--------------|----|---|-------|-----|---|--------------|-----|----|----------|-----|----|----------------|-----|----|-----------|-----|---|---------------|
| | (Project Number) | | (MM/DD/YYYY) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Size: | 96" ID x 30' S/S OAL – H.P. 96" ID x 21' S/S, L.P. 96" ID x 9' S/S | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Type: | Horizontal Pressure Vessel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAWP: | 50 psig @ 100F (345 kPa @ 38C) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MDMT: | -20F @ 50 psig (-29C @ 345kPa) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Service: | Sour | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CA: | 1/8" (3.2 mm) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mfg. Year | 2002 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Serial No.: | 5451 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CRN | R0084.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Reg. No.: | A466566 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NDE: | RT-1 (Full) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hydro Test | 1.3 Times, 65 psig | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Heads: | External Two (2) 2:1 Ellipsoidal 96"ID x 0.3125" thick SA 516 -70N Internal Head, 96" OD x 3.0146" thick SA 516 Gr. 70N | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Shell: | 96" ID x 360" x 0.375" thick SA 516-70N | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ASME U Stamp: | Yes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Specification: | Conoco 2002 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| External Paint: | Yes, skirt, nozzles, and manways | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Internal Coating: | Yes, Devoe 253 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Insulation: | Yes, 2.0 " Fiberglass insulation c/w 0.020" smooth Aluminum cladding | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Connections: | <table border="1"> <thead> <tr> <th>Mark</th> <th>Size</th> <th>Description</th> </tr> </thead> <tbody> <tr><td>N1</td><td>24</td><td>HP Inlet</td></tr> <tr><td>N2</td><td>18</td><td>HP Outlet</td></tr> <tr><td>N3</td><td>18</td><td>HP Outlet</td></tr> <tr><td>N4</td><td>3</td><td>HP Liquid Out</td></tr> <tr><td>N5</td><td>2</td><td>HP Spare</td></tr> <tr><td>N6</td><td>4</td><td>HP HC Drain\Cleanout</td></tr> <tr><td>N7</td><td>3</td><td>HP LT\LG</td></tr> <tr><td>N8</td><td>3</td><td>HP LG\Bridle</td></tr> <tr><td>N9</td><td>2</td><td>HP PI</td></tr> <tr><td>N10</td><td>2</td><td>HP Steam Out</td></tr> <tr><td>N11</td><td>10</td><td>LP Inlet</td></tr> <tr><td>N12</td><td>10</td><td>LP Spare Inlet</td></tr> <tr><td>N13</td><td>10</td><td>LP Outlet</td></tr> <tr><td>N14</td><td>3</td><td>LP Liquid Out</td></tr> </tbody> </table> | | | | | Mark | Size | Description | N1 | 24 | HP Inlet | N2 | 18 | HP Outlet | N3 | 18 | HP Outlet | N4 | 3 | HP Liquid Out | N5 | 2 | HP Spare | N6 | 4 | HP HC Drain\Cleanout | N7 | 3 | HP LT\LG | N8 | 3 | HP LG\Bridle | N9 | 2 | HP PI | N10 | 2 | HP Steam Out | N11 | 10 | LP Inlet | N12 | 10 | LP Spare Inlet | N13 | 10 | LP Outlet | N14 | 3 | LP Liquid Out |
| Mark | Size | Description | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N1 | 24 | HP Inlet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N2 | 18 | HP Outlet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N3 | 18 | HP Outlet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N4 | 3 | HP Liquid Out | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N5 | 2 | HP Spare | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N6 | 4 | HP HC Drain\Cleanout | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N7 | 3 | HP LT\LG | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N8 | 3 | HP LG\Bridle | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N9 | 2 | HP PI | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N10 | 2 | HP Steam Out | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N11 | 10 | LP Inlet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N12 | 10 | LP Spare Inlet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N13 | 10 | LP Outlet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N14 | 3 | LP Liquid Out | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Equipment Listing Details



| Parent Project No.: | 4476870 | | Date: | 08/06/2019 | Revision: | 0 |
|---------------------|------------------|--|-------|----------------------|-----------|----------|
| | (Project Number) | | | (MM/DD/YYYY) | | |
| | N15 | 2 | | LP Spare | | |
| | N16 | 4 | | LP HC Drain\Cleanout | | |
| | N17 | 3 | | LP LT\LG | | |
| | N18 | 3 | | LP LG\Bridle | | |
| | N19 | 2 | | LP PI | | |
| | N20 | 2 | | LP Steam Out | | |
| | N21 | 4 | | HP LSHH | | |
| | N22 | 4 | | LP LSHH | | |
| | M1 | 20 | | HP Manway | | |
| | M2 | 20 | | LP Manway | | |
| Internals: | 1 | Internal Head, 96" OD x 3.0146" thick SA 516 Gr. 70N | | | | |
| | 2 | Vortex breakers (removable) | | | | |
| | 2 | Inlet Flow Diverters | | | | |
| Externals: | 2 | Vessel Saddles | | | | |
| | 2 | Lift lugs | | | | |
| | 2 | Ground lugs | | | | |