Vessel Standards:

Vessel Material: SA-516-70
- Head Thickness: 1/4" Head Type: Code F&D
- Shell Thickness: 1/4"

Coatings:
- Interior Lining: Epoxy Phenolic
- Exterior Coat: Epoxy Base W/ Urethane Top

Internals:
- PVC

Vessel Properties:
- MAWP: 75 PSI at 130°F
- Empty Ship Weight: 2000 LBS
- Total Vessel Volume: 151 FT³
- Maximum Media Fill: 132 FT³

Nozzle Schedule:

<table>
<thead>
<tr>
<th>Service</th>
<th>Description</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>N1</td>
<td>INLET 4&quot; 150# FLANGE SIDE SHELL</td>
<td></td>
</tr>
<tr>
<td>N2</td>
<td>OUTLET 4&quot; 150# FLANGE SIDE SHELL</td>
<td></td>
</tr>
<tr>
<td>N3</td>
<td>VENT 2&quot; NPT TOP HEAD</td>
<td></td>
</tr>
<tr>
<td>N4</td>
<td>DRAIN 2&quot; 150# FLANGE W/ 1/2&quot; PLUG BOTTOM HEAD</td>
<td></td>
</tr>
</tbody>
</table>

General Arrangement

TIGG LLC.

Project: CP-3000

REV. DESCRIPTION BY DATE
5 UPDATE VESSEL STANDARDS JAK 11/9/2016