

**STI SP001 ANNUAL ABOVEGROUND TANK INSPECTION CHECKLIST**  
 For use of this form, see the Spill Prevention, Control, and Countermeasures (SPCC) Plan; proponent is DPW-ENRD

DATE

CONTAINER ID  
INSPECTOR

ITEM	STATUS	COMMENTS
<b>1.0 TANK CONTAINMENT</b>		
1.1	Containment structure in satisfactory condition? <input type="checkbox"/> YES <input type="checkbox"/> No	
1.2	Drainage pipes/valves fit for continued service? <input type="checkbox"/> YES <input type="checkbox"/> No <input type="checkbox"/> NA	
<b>2.0 TANK FOUNDATION AND SUPPORTS</b>		
2.1	Evidence of tank settlement or washout? <input type="checkbox"/> YES <input type="checkbox"/> No	
2.2	Cracking or spalling of concrete pad or ring wall? <input type="checkbox"/> YES <input type="checkbox"/> No	
2.3	Tank supports in satisfactory condition? <input type="checkbox"/> YES <input type="checkbox"/> No	
2.4	Water able to drain away from tank? <input type="checkbox"/> YES <input type="checkbox"/> No	
2.5	Grounding strap secured and in good condition? <input type="checkbox"/> YES <input type="checkbox"/> No	
<b>3.0 CATHODIC PROTECTION</b>		
3.1	CP system functional? <input type="checkbox"/> YES <input type="checkbox"/> No <input type="checkbox"/> NA	
3.2	Rectifier reading:	
<b>4.0 TANK EXTERNAL COATING</b>		
4.1	Evidence of paint failure? <input type="checkbox"/> YES <input type="checkbox"/> No	
<b>5.0 TANK SHELL/HEADS</b>		
5.1	Noticable tank/shell distortions, buckling, denting, or bulging? <input type="checkbox"/> YES <input type="checkbox"/> No	
5.2	Evidence of shell/head corrosion or cracking? <input type="checkbox"/> YES <input type="checkbox"/> No	
<b>6.0 TANK MANWAYS, PIPING AND EQUIPMENT WITHIN SECONDARY CONTAINMENT</b>		
6.1	Flanged connection bolts tight and fully engaged with no sign of wear or corrosion? <input type="checkbox"/> YES <input type="checkbox"/> No	

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INSPECTOR

ITEM	STATUS	COMMENTS
<b>7.0 TANK ROOF</b>		
7.1	Standing water on tank roof?	<input type="checkbox"/> YES <input type="checkbox"/> No
7.2	Evidence of coating cracking, crazing, peeling, blistering?	<input type="checkbox"/> YES <input type="checkbox"/> No
7.3	Holes in roof?	<input type="checkbox"/> YES <input type="checkbox"/> No
<b>8.0 VENTING</b>		
8.1	Vents free of obstructions?	<input type="checkbox"/> YES <input type="checkbox"/> No
8.2	Emergency vent operable? Lift as required.	<input type="checkbox"/> YES <input type="checkbox"/> No
<b>9.0 INSULATED TANKS</b>		
9.1	Insulation missing?	<input type="checkbox"/> YES <input type="checkbox"/> No
9.2	Are there noticeable areas of moisture on the insulation?	<input type="checkbox"/> YES <input type="checkbox"/> No
9.3	Mold on insulation?	<input type="checkbox"/> YES <input type="checkbox"/> No
9.4	Insulation exhibiting damage?	<input type="checkbox"/> YES <input type="checkbox"/> No
9.5	Is the insulation sufficiently protected from water intrusion?	<input type="checkbox"/> YES <input type="checkbox"/> No
<b>10.0 LEVEL AND OVERFILL PREVENTION INSTRUMENTATION OF SHOP-FABRICATED TANKS</b>		
10.1	Has the tank liquid level sensing device been tested to ensure proper operation?	<input type="checkbox"/> YES <input type="checkbox"/> No
10.2	Does the tank liquid level sensing device operate as required?	<input type="checkbox"/> YES <input type="checkbox"/> No
10.3	Are overfill prevention devices in proper working condition?	<input type="checkbox"/> YES <input type="checkbox"/> No <input type="checkbox"/> NA
<b>11.0 ELECTRICAL EQUIPMENT</b>		
11.1	Are tank grounding lines in good condition?	<input type="checkbox"/> YES <input type="checkbox"/> No <input type="checkbox"/> NA
11.2	Is electrical wiring for control boxes/lights in good condition?	<input type="checkbox"/> YES <input type="checkbox"/> No <input type="checkbox"/> NA