

# STI SP001 ANNUAL ABOVEGROUND STORAGE 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
		YES	NO	N/A	
<b>1.0 TANK CONTAINMENT</b>					
1.1	Containment structure in satisfactory condition?				
1.2	Drainage pipes/valves fit for continued service?				
<b>2.0 TANK FOUNDATION AND SUPPORTS</b>					
2.1	Evidence of tank settlement or washout?				
2.2	Cracking or spalling of concrete pad or ring wall?				
2.3	Tank supports in satisfactory condition?				
2.4	Water able to drain away from tank?				
2.5	Grounding strap secured and in good condition?				
<b>3.0 CATHODIC PROTECTION</b>					
3.1	CP system functional?				
3.2	Rectifier reading:				
<b>4.0 TANK EXTERNAL COATING</b>					
4.1	Evidence of paint failure?				
<b>5.0 TANK SHELL/HEADS</b>					
5.1	Noticable tank/shell distortions, buckling, denting, or bulging?				
5.2	Evidence of shell/head corrosion or cracking?				
<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?				
<b>7.0 TANK ROOF</b>					
7.1	Standing water on tank roof?				
7.2	Evidence of coating cracking, crazing, peeling, blistering?				
7.3	Holes in roof?				
<b>8.0 VENTING</b>					
8.1	Vents free of obstructions?				

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		<b>YES</b>	<b>NO</b>	<b>N/A</b>	
8.2	Emergency vent operable? Lift as required.				
<b>9.0 INSULATED TANKS</b>					
9.1	Insulation missing?				
9.2	Are there noticable areas of moisture on the insulation?				
9.3	Mold on insulation?				
9.4	Insulation exhibiting damage?				
9.5	Is the insulation sufficiently protected from water intrusion?				
<b>10.0 TANK EQUIPMENT</b>					
10.1	Is interstitial leak detection in good condition? Are windows on sight gauges clear?				
10.2	Has secondary containment been checked for liquid? Notate any findings.				
10.3	Does the tank liquid level sensing device operate as required?				
10.4	Are overfill prevention devices in proper working condition?				
<b>11.0 ELECTRICAL EQUIPMENT</b>					
11.1	Are tank grounding lines in good condition?				
11.2	Has grounding line been tested?				
11.3	Resistance reading:				
11.4	Is electrical wiring for control boxes/lights in good condition?				