

STI SP001 Annual Inspection Checklist

Inspection Date: 05/21/2021	Prior Inspection Date: 02/19/2021	Retain Until Date: 05/21/2022
Inspector: Michael Oakeson	Inspector	<i>Michael Oakeson</i>
(Print Name)	(Title)	(Signature)
Tank(s) Inspected ID:	S546734267BT1	
Regulatory facility name and ID number (if applicable):	Redlands Factory	

Inspection Guidance:

- This checklist is intended as a model. Locally developed checklists are acceptable as long as they are substantially equivalent (as applicable).
- For equipment not included in this Standard, follow the manufacturer recommended inspection/testing schedules and procedures.
- The periodic AST Inspection is intended for monitoring the external AST condition and its containment structure. This visual inspection does not require a Certified Inspector. It shall be performed by an owner's inspector per paragraph 4.1.2 of the standard.
- Remove promptly standing water or liquid discovered in the primary tank, secondary containment area, interstice, or spill container. Before discharge to the environment, inspect the liquid for regulated products or other contaminants and disposed of properly.
- In order to comply with EPA SPCC (Spill Prevention, Control and Countermeasure) rules, a facility should regularly test liquid level sensing devices to ensure proper operation (40 CFR 112.8(c)(8)(v)).
- Non-conforming items important to tank or containment integrity require evaluation by an engineer experienced in AST design, a Certified Inspector, or a tank manufacturer who will determine the corrective action. Note the non-conformance and corresponding corrective action in the comment section.
- Retain the completed checklists for at least 36 months.
- Complete this checklist on an annual basis, supplemental to the owner monthly-performed inspection checklists.
- **Note: If a change has occurred to the tank system or containment that may affect the SPCC plan, the condition should be evaluated against the current plan requirement by a Professional Engineer knowledgeable in SPCC development and implementation.**

ITEM	STATUS	COMMENTS/DATE CORRECTED
Tank Foundation/Supports		
Free of tank settlement or foundation washout?	Yes	
Concrete pad or ring wall free of cracking and spalling?	Yes	
Tank supports in satisfactory condition?	Yes	
Is water able to drain away from the tank if tank is resting on a foundation or on the ground?	No	If water were to leak, it would pool into a single location. Isn't able to drain away as needed.
Is the grounding strap between the tank and foundation/supports in good condition?	Yes	
Tank Shell, Heads, and Roof		
Free of visible signs of coating failure?	Yes	
Free of noticeable distortions, buckling, denting, or bulging?	No	There are small noticeably sized dents in the tank.
Free of standing water on roof?	Yes	

Are all labels and tags intact and legible?	Yes	
Tank Manways, Piping, and Equipment		
Flanged connection bolts tight and fully engaged with no sign of wear or corrosion?	Yes	
Tank Equipment		
Normal and emergency vents free of obstructions?	Yes	
Normal vent on tanks storing gasoline equipped with pressure/vacuum vent?	Yes	
Are flame arrestors free of corrosion and are air passages free of blockage?	Yes	
Is the emergency vent in good working condition and functional as required by manufacturer? Consult manufacturers' requirements. Verify that components are moving freely (including long-bolt manways).	Yes	
Is interstitial leak detection equipment in good condition? Are windows on sight gauges clear? Are wire connections intact? If equipment has a test function, does it activate to confirm operation?	Yes	
Are all valves free of leaks, corrosion, and others damage? Follow manufacturers' instructions for regular maintenance of these items. Check the following and verify (as applicable). • Anti-siphon valve • Check valve • Gate valve • Pressure regulator valve • Expansion relief valve • Solenoid valve • Fire valve • Shear valve	Yes No Yes Yes Yes Yes Yes Yes	The check valve has some corrosion on it. Replace check valve or deal with the corrosion.
Are strainers and filters clean and in good condition?	Yes	
Insulated Tanks		
Free of missing insulation? Insulation free of visible signs of damage? Insulation adequately protected from water intrusion?	Yes	
Insulation free of noticeable areas of moisture?	Yes	
Insulation free of mold?	Yes	
Free of visible signs of coating failure?	Yes	
Tank/Piping Release Detection		
Is inventory control being performed and documented if required?	Yes	
Is release detection being performed and documented if required?	Yes	
Other Equipment		
Are electrical wiring and boxes in good condition?	Yes	
Has the cathodic protection system on the tank been tested as required by the designing engineer?	Yes	It could be completed a little more frequently than it is now being tested.

Comments
For the most part this facility is doing well. There are just a few items that need to be fixed.

PHOTO ATTACHMENTS

