## Inspection Summary

**Oil Refineries Corp / 17 Apr 2019 / Jake Jameson**

**SPCC Plan Template - Tier 1**
Conducted on 17th Apr, 2019  By SafetyCulture Staff

<table>
<thead>
<tr>
<th>Inspection score</th>
<th>Failed items</th>
<th>Created actions</th>
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<tbody>
<tr>
<td>89.47%</td>
<td>2</td>
<td>0</td>
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</tbody>
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### Site Details
- **Site**: Oil Refineries Corp
- **Inspected by**: Jake Jameson
- **Conducted on**: 17th Apr, 2019, 2:05 PM +08

### Location
- **Crossings, Tacoma, WA 98402, USA**
# Failed items

**Inspection / Onshore Facilities (excluding production) (§§112.8(b) through (d), 112.12(b) through (d))**

- Tanks have corrosion protection with coatings or cathodic protection compatible with local soil conditions. **Non-Compliant**

**Notes**

We began to replace the old buried tanks because of suspected corrosion. Attached photo shows corrosion on one we excavated. TAT of completion 2 months from now.

**Photos**

![Photo 1](image)

**For partially buried or bunkered metallic tanks [§112.8(c)(5) and §112.12(c)(5)]:**

- Tanks have corrosion protection with coatings or cathodic protection compatible with local soil conditions. **Non-Compliant**

**Notes**

Partially burried tanks are of same material as the completely burried tanks. Replacing them also and expected completion in 2 months.
Inspection

This SPCC plan template for tier 1 qualified facility is based on this link from USEPA.

Begin by selecting which facility.

Onshore Facilities (excluding production)

Onshore Facilities (excluding production) (§§112.8(b) through (d), 112.12(b) through (d))

Drainage from diked storage areas is restrained by valves to prevent a discharge into the drainage system or facility effluent treatment system, except where facility systems are designed to control such discharge. Diked areas may be emptied by pumps or ejectors that must be manually activated after inspecting the condition of the accumulation to ensure no oil will be discharged. [§§112.8(b)(1) and 112.12(b)(1)]

Valves of manual, open-and-closed design are used for the drainage of diked areas. [§§112.8(b)(2) and 112.12(b)(2)]

The containers at the facility are compatible with materials stored and conditions of storage such as pressure and temperature. [§§112.8(c)(1) and 112.12(c)(1)]

Secondary containment for the bulk storage containers (including mobile/portable oil storage containers) holds the capacity of the largest container plus additional capacity to contain precipitation. Mobile or portable oil storage containers are positioned to prevent a discharge as described in §112.1(b). [§112.6(a)(3)(ii)]

If uncontaminated rainwater from diked areas drains into a storm drain or open watercourse the following procedures will be implemented at the facility: [§§112.8(c)(3) and 112.12(c)(3)]

- Bypass valve is normally sealed closed
- Retained rainwater is inspected to ensure that its presence will not cause a discharge to navigable waters or adjoining shorelines
- Bypass valve is opened and resealed under responsible supervision
- Adequate records of drainage are kept [See Dike Drainage Log in Attachment 3.3]

For completely buried metallic tanks installed on or after January 10, 1974 at this facility [§§112.8(c)(4) and 112.12(c)(4)]:

Compliant
• Tanks have corrosion protection with coatings or cathodic protection compatible with local soil conditions. **Non-Compliant**

**Notes**
We began to replace the old buried tanks because of suspected corrosion. Attached photo shows corrosion on one we excavated. TAT of completion 2 months from now.

**Photos**

![Photo 1](image_url)

• Regular leak testing is conducted. **Compliant**

For partially buried or bunkered metallic tanks [§112.8(c)(5) and §112.12(c)(5)]:
• Tanks have corrosion protection with coatings or cathodic protection compatible with local soil conditions. **Non-Compliant**

**Notes**
Partially buried tanks are of same material as the completely buried tanks. Replacing them also and expected completion in 2 months.

Each aboveground bulk container is tested or inspected for integrity on a regular schedule and whenever material repairs are made. Scope and frequency of the inspections and inspector qualifications are in accordance with industry standards. Container supports and foundations are regularly inspected. [See Inspection Log and Schedule and Bulk Storage Container Inspection Schedule in Attachments 3.1 and 3.2] [§112.8(c)(6) and §112.12(c)(6)(i)] **Compliant**

Outsides of bulk storage containers are frequently inspected for signs of deterioration, discharges, or accumulation of oil inside diked areas. [See Inspection Log and Schedule in Attachment 3.1] [§§112.8(c)(6) and 112.12(c)(6)] **Compliant**

For bulk storage containers that are subject to 21 CFR part 110 which are shop-fabricated, constructed of austenitic stainless steel, elevated and have no external insulation, formal visual inspection is conducted on a regular schedule. Appropriate qualifications for personnel performing tests and inspections are documented. [See Inspection Log and Schedule and Bulk Storage Container Inspection Schedule in Attachments 3.1 and 3.2] [§112.12(c)(6)(ii)] **Compliant**
Each container is provided with a system or documented procedure to prevent overfills for the container.  

**Describe:**
Apart from our level sensing equipment, containers are checked daily to ensure there will be no overfills. I checked the daily logs and it confirms low risk of overfills.

| Liquid level sensing devices are regularly tested to ensure proper operation [See Inspection Log and Schedule in Attachment 3.1]. [§112.6(a)(3)(iii)] | Compliant |
| Visible discharges which result in a loss of oil from the container, including but not limited to seams, gaskets, piping, pumps, valves, rivets, and bolts are promptly corrected and oil in diked areas is promptly removed. [§§112.8(c)(10) and 112.12(c)(10)] | Compliant |
| Aboveground valves, piping, and appurtenances such as flange joints, expansion joints, valve glands and bodies, catch pans, pipeline supports, locking of valves, and metal surfaces are inspected regularly. [See Inspection Log and Schedule in Attachment 3.1] [§§112.8(d)(4) and 112.12(d)(4)] | Compliant |

**Notes**
Regular inspection found one section of a main pipe's need to recoat.

**Photos**

![Photo 2](image)

Integrity and leak testing are conducted on buried piping at the time of installation, modification, construction, relocation, or replacement. [See Inspection Log and Schedule in Attachment 3.1] [§§112.8(d)(4) and 112.12(d)(4)]
Our main concern now is the replacement of the older containers while ensuring containment of possible spill. Our dikes are regularly inspected and I checked earlier today and I confirm that they are ready should any spill happen. Same total holding capacity upon completion of replacement and as long as we remain compliant with the spill threshold we can continue self-certification.

Jake Jameson
17th Apr, 2019 2:31 PM +08
Photos

Photo 1

Photo 2