**Harrison Hee**

**SPCC**

**Summary:**

 The Spill Prevention, Control and Countermeasures regulations mandates that facilities with a set amount of oil storage or greater must create a SPCC plan. This plan involves operating procedures at the facility to prevent oil spills, control measures and countermeasures to contain, cleanup, and mitigate the effect of an oil spill on navigable waters or adjoining shorelines. In addition, facilities under the SPCC must do the most they can in order to prevent spills, and if a spill happens, must report to the EPA.

**Regulation Name:**

 40 CFR 112 - SPCC

**Applicability:**

 Any facility with an aggregate aboveground storage volume of at least 1,320 U.S. gallons or a completely buried capacity greater than 42,000 U.S. gallons. Storage capacity is measured with containers 55 U.S. gallons or greater in size.

**Processing Times:**

An SPCCP is not processed but must be certified by professional engineer or self-certifiable if the total aboveground oil storage capacity is of 10,000 gallons or less or in 3 years prior to the date of certification, there was no single discharge from facility greater than 1,000 U.S. gallons or no two discharges exceeding 42 U.S. gallons within a 12-month period.

**Agency Coordination:**

 Headed by the Environmental Protection Agency (EPA). Upon oil spillage into navigable waters, the National Response Center (NRC) must be contacted (1-800-424-8802). For emergency management, the EPA headquarters can be contacted at 1-202-564-8600. For other information specifically related to Alaska and SPCC, the EPA Alaska Operations Office (1-907-271-5083) and the US EPA Region X office (1-800-424-4372) can be contacted.

**Information Necessary:**

 The EPA does not need all facilities to submit an SPCCP. However, upon request, an SPCC must be provided to them. If spillage occurs, the following information is necessary:

* Name and location of facility
* Owner’s or operator’s name
* Maximum storage or handling capacity of the facility and average daily throughput
* Corrective actions and countermeasures taken
* Description of facility including maps and diagrams if necessary
* Cause of discharge including a failure analysis
* Additional preventative measures taken or planned for re-occurrence

**Special Definitions:**

Alteration: Any work on a container involving cutting, burning, welding, or heating operations that changes the physical dimensions or configuration of the container.

Animal fat: Non-petroleum oil, fat, or grease of animal, fish, or marine mammal origin.

Breakout tank: Container used to relieve surges of in an oil pipeline system or to receive and store oil transported by a pipeline for reinjection and continued transportation by the pipeline.

Injury: A measurable adverse change in the chemical or physical quality or the viability of a natural resource resulting either directly or indirectly from exposure to a discharge.

Maximum extent practicable: Within the limitations used to determine oil spill planning resources and response times for recovery, shoreline protection, and cleanup.

Partially buried tank: A storage container that is partially inserted or constructed in the ground, but not entirely below grade, and not completed covered with earth, sand, gravel, asphalt, or other material.

Storage capacity: Shell capacity of a container.

**Enforcement and Penalties:**

 The EPA may fine a facility over $32,000 per day if corrective actions are not taken. Failure to review a plan after 3 years or modifying it with amendments can incur fess starting at $1,500.

**Other Regulations:**

Federal – CFR Title 40 Chapter 1 Subchapter D Clean Water Act

 <https://www.epa.gov/laws-regulations/summary-clean-water-act?fbclid=IwAR2-aBcKmoKf3LhuH0VABCydGbr8DWdWvm_u_2YUBEyPMBpg9MlIlioVPVY>

**Other Sources:**

<https://www.epa.gov/oil-spills-prevention-and-preparedness-regulations>

<https://www.epa.gov/sites/production/files/2014-04/documents/b_40cfr112.pdf?fbclid=IwAR2_izwhe_x4QAfpYYkmDUWHMoCvmdPlNKjWt_8h_h3mAHoegtK0gjVSM3M>

<https://www.epa.gov/sites/production/files/documents/spccbluebroch.pdf>