

# Summary of SPCC Rule Requirements & SPCC Plan Elements (40 CFR 112)

## Section 112.1 – General applicability of the SPCC rule

- Describes equipment, oils, and facilities subject to as well as exempt from the SPCC rule
- Describes/references the criteria for harmful discharges to navigable water [112.1(b)]
- Describes the purpose of SPCC Plans [112.1(e)]

## Section 112.2 – Definitions

- Definition of terms used in the SPCC rule (some terms defined or clarified in other SPCC rule sections; e.g. qualified facilities, non-transportation-related tank truck, etc.)

## Section 112.3 – Requirement to prepare an SPCC Plan

- Compliance dates/deadlines for various facility types [112.3(a)-(b)]
- PE review and certification requirements [112.3(d)]
- Required SPCC Plan locations [112.3(e)]
- Time extensions granted by US EPA RA [112.3(f)]
- Qualified facilities [112.3(g)]

## Section 112.4 – Amendment of SPCC Plan by US EPA Regional Administrator

- Information and SPCC Plan submittal requirements to US EPA RA and state/local agencies after certain discharges [112.4(a)-(c)]
- Requirement to amend the SPCC Plan if required by US EPA RA [112.4(d)-(f)]

## Section 112.5 – Amendment of SPCC Plan by facility owner/operator

- Required SPCC Plan amendment and implementation after changes [112.5(a)]
- 5-year review and evaluation by owner/operator and implement amendments [112.5(b)]
- Required PE certification of any technical amendments [112.5(c)]

## Section 112.6 – Qualified facilities

- Specific requirements unique to Tier I qualified facilities and reference to 112.7 and 112.8 requirements applicable to Tier I qualified facilities [112.6(a)]
- Specific requirements unique to Tier II qualified facilities and reference to 112.7 and 112.8 requirements applicable to Tier II qualified facilities [112.6(b)]

## Section 112.7 - General requirements (for SPCC Plans) for all facilities

- Management commitment, SPCC Plan format, and deferred equipment or procedure requirements [112.7(a)]
- Discussion of facility conformance to the SPCC rule [112.7(a)(1)]
- Environmental equivalence – Conditionally allow deviations from specific sections and requirements with equivalent/alternative means [112.7(a)(2)]
- Facility description and diagram [112.7(a)(3)]
- Type of oil and storage capacity of each container [112.7(a)(3)(i)]
- Discharge prevention measures including procedures for routine handling of oil [112.7(a)(3)(ii)]
- Discharge/drainage controls including secondary containment and discharge control procedures [112.7(a)(3)(iii)]
- Countermeasures for discharge discover, response, and cleanup [112.7(a)(3)(vi)]
- Disposal methods for recovered materials [112.7(a)(3)(v)]
- Emergency response/notification contact list and phone numbers [112.7(a)(3)(vi)]
- Information and procedures for discharge reporting [112.7(a)(4)]
- Organization of discharge procedures in SPCC Plan so readily useable in an emergency [112.7(a)(5)]
- Spill predictions and associated equipment failure descriptions (discharge direction, rate of flow, quantity of oil, etc.) [112.7(b)]

- Requirements and standards for containment and/or diversionary structures; general containment for most likely release/discharge; examples of containment/diversionary structures **[112.7(c)]**
- Impracticability determination – Explanation and alternate requirements for secondary containment **[112.7(d)]**
- Inspections/tests procedures and records requirements **[112.7(e)]**
- Personnel training and discharge prevention briefings **[112.7(f)]**
- Facility security **[112.7(g)]**
- Facility tank car and tank truck loading/unloading rack requirements **[112.7(h)]**
- Brittle fracture evaluation after repair, alteration, reconstruction, or change in service for field-erected tanks **[112.7(i)]**
- Discussion requirements for conformance to applicable requirements and other more stringent federal, state, or local requirements **[112.7(j)]**
- Conditional alternative requirements for general secondary containment for qualified oil-filled operational equipment **[112.7(k)]**

#### **Section 112.8 – SPCC Plan requirements for onshore facilities**

- Requirement to meet the 112.7 general requirements and the 112.8 specific discharge prevention and containment requirements **[112.8(a)]**
- Facility drainage restrictions, required procedures, and methods **[112.8(b)(1) – (5)]**
- Bulk storage container compatibility with stored materials and conditions **[112.8(c)(1)]**
- Requirements and standards for sized secondary containment for bulk storage containers and tanks (100% capacity plus precipitation freeboard) **[112.8(c)(2)]**
- Requirements for and limitations on drainage of uncontaminated rainwater from diked areas **[112.8(c)(3)]**
- Corrosion protection requirements for buried or partially buried/bunkered metallic storage tanks **[112.8(c)(4)&(5)]**
- Specific requirements and examples of regular or periodic integrity testing or inspection of each tank or container; determination of methods and qualifications in accordance with industry standards; test/inspection recordkeeping, including comparison records **[112.8(c)(6)]**
- Controlling leaks from/through internal heating coils **[112.8(c)(7)]**
- Engineer/update container installation in accordance with good engineering practice; specific allowable and required methods for overfill prevention and testing of liquid level sensing devices **[112.8(c)(8)]**
- Effluent treatment facility observation requirement **[112.8(c)(9)]**
- Prompt correction of visible discharges from containers and components; removal of accumulations of oil in diked areas **[112.8(c)(10)]**
- Required position/locating of portable and mobile containers and tanks to prevent a discharge to navigable waters; required sized secondary containment (except for mobile refuelers and non-transportation tank trucks) **[112.8(c)(11)]**
- Protective wrapping/coating requirements for buried piping and inspections if uncovered or exposed **[112.8(d)(1)]**
- Out of service or standby terminal connection requirements **[112.8(d)(2)]**
- Design requirement for pipe supports – minimize abrasion/corrosion, allow for expansion/contraction **[112.8(d)(3)]**
- Regular inspection of aboveground valves, piping, and appurtenances and integrity and leak testing of buried piping when installed, modified, relocated, replaced, etc. **[112.8(d)(4)]**
- Warning vehicles to prevent endangerment of piping and oil transfers **[112.8(d)(5)]**