

Summary of SPCC Rule Requirements & SPCC Plan Elements (40CFR 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.S(a)]
- 5-year review and evaluation by owner/operator and implement amendments [112.S(b)]
- Required PE certification of any technical amendments [112.S(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.S(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]
- 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)(S)]
- 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)(l) - (5)]
- Bulk storage container compatibility with stored materials and conditions [112.8(c)(l)]
- 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)(l)]
- 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)(S)]