Summary Rule Requirements & Plan Elements (40 CFR 112)

NOTE: The rule sections not typically described or included in most SPCC Plans are §§112.1; 112.2; 112.3(a) – (c); 112.4 (unless it specifically applies or is otherwise relevant); and 112.6 (unless the facility is a qualified facility). These sections are not seen as 'compliance requirements', and therefore do not generally need to be included in an SPCC Plan.

§112.1 General applicability of the rule

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

§112.2 Definitions

 Definitions of terms used in the rule... but some terms are defined (or clarified) in other rule sections (e.g. Tier I and II qualified facility, non-transportation related tank truck, etc.)

§112.3 Requirement to prepare an SPCC Plan

- Compliance dates/deadlines for various facility types (112.3(a) (c))
- PE review and certification requirements (112.3(d))
- Required plan locations (112.(3)(e))
- Time extensions granted by US EPA RA (112.3(f))
- Self-certification requirements for qualified facilities (112.3(g))

§112.4 Amendment of SPCC Plan by RA

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

§112.5 Amendment of SPCC Plan by facility owner or operator

- Required Plan amendment and implementation after changes (112.5(a))
- Required amendments specific to some oil production facilities (112.5(b) and (c))
- 5 year review and evaluation by owner/operator and follow-on amendment and implementation (112.5(d))
- Required PE certification of any technical amendments (112.5(e))

§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 I qualified facilities (112.6(b))

§112.7 General requirements (for SPCC Plans) for all facilities

- Management commitment, format and deferred equipment or procedure requirements (112.7)
- Discussion of facility conformance to the rule (112.7(a)(1))
- "Environmental Equivalence": Conditionally allowed non-conformance ('Plan deviations') to specific sections and associated requirements for alternate/equivalent means (112.7(a)(2))
- Facility description and facility 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 discovery, response and cleanup (112.7(a)(3)(iv))
- 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 (in Plan) of discharge procedures (112.7(a)(5))
- Spill predictions and associated equipment failure descriptions (failure type, discharge rate, flow, direction, etc.) (112.7(b))
- Requirements and standards for (and examples of) containment and/or diversionary structures (general containment – for most likely release/discharge), and requirement to describe them in the Plan (112.7(c))
- "Impracticability determinations" for secondary containment and required explanations and alternate requirements (112.7(d))
- Inspections and integrity tests, and associated written procedures and required recordkeeping (112.7(e))
- Personnel, training and discharge prevention procedures (112.7(f))
- Security (112.7(g))
- Facility tank car and tank truck loading/unloading rack requirements (112.7(h))
- Requirements for post-repair or alteration, etc. of field erected tanks (112.7(i))
- Requirement to include a complete discussion of 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 equipment (112.7(k))

§112.8 SPCC Plan requirements for onshore facilities (excluding crude oil production facilities)

• Requirement to meet the 112.7 general containment 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 (e.g. tank) compatibility with material and conditions (112.8(c)(1))
- Requirements and standards for sized (100% capacity plus precipitation freeboard) secondary containment for bulk storage containers and tanks (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) and (5))
- Specific requirements for (and examples of) regular or periodic integrity testing or inspection (and after material repairs) of each aboveground tank or container; determination of methods and qualifications in accordance with industry standards; and test/inspection recordkeeping (112.8(c)(6))
- Controlling leaks from/through internal heating coils (112.8(c)(7))
- Specific allowable and required methods for overfill prevention and required 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; and removal of accumulations of oil in diked areas (112.8(c)(10))
- Required positioning/locating of portable and mobile containers and tanks to
 prevent a discharge to navigable waters; and required sized (100% capacity plus
 precipitation freeboard) secondary containment (except for non-transportation
 tank trucks which must have general containment) (112.8(c)(11))
- Protective wrapping/coating requirements for buried piping and inspections if uncovered (112.8(d)(1))
- Out of service or standby terminal connection requirements (112.8(d)(2))
- Abrasion, corrosion and expansion/contraction prevention design requirement for pipe supports (112.8(d)(3))
- Regular inspection (and inspection items) of aboveground valves, piping and appurtenances and integrity and leak testing of buried piping when installed, relocated, etc. (112.(d)(4))
- Warning vehicles to prevent endangerment of piping or transfers (112.(d)(5))