



U.S. ENVIRONMENTAL PROTECTION AGENCY SPCC FIELD INSPECTION AND PLAN REVIEW CHECKLIST

FOR USE AT ONSHORE FACILITIES (EXCLUDING PRODUCTION)

Overview of the Checklist

This checklist is designed to assist EPA inspectors in conducting a thorough and consistent inspection of a facility's compliance with the Spill Prevention, Control, and Countermeasure (SPCC) rule at 40 CFR part 112. It is a tool to help federal inspectors (or their contractors) record observations during the site visit and review of the SPCC Plan. While the checklist is comprehensive, the inspector should always refer to the SPCC rule in its entirety, the *SPCC Regional Inspector Guidance Document*, and other relevant guidance for evaluating compliance. This checklist must be completed in order for an inspection to count toward an agency measure (i.e., OEM/OECA inspection measures or GPRA).

The checklist is organized according to the SPCC rule. Each item in the checklist identifies the relevant section and paragraph in 40 CFR part 112 where that requirement is stated. Sections 112.1 through 112.5 specify the applicability of the rule and requirements for the preparation, implementation, and amendment of SPCC Plans. For these sections, the checklist includes data fields to be completed, as well as several questions with "yes" or "no" answers.

Sections 112.7 through 112.12 specify requirements for spill prevention, control, and countermeasures. For these sections, the inspector needs to evaluate whether the requirement is addressed adequately or inadequately in the SPCC Plan and whether it is implemented adequately in the field (either by field observation or record review). For the SPCC Plan and implementation in the field, if a requirement is addressed adequately, mark the "Yes" box in the appropriate column. If a requirement is not addressed adequately, mark the "No" box. If a requirement does not apply to the particular facility, mark the "NA" box. If a provision of the rule applies only to the SPCC Plan, the "Field" column is shaded.

Space is provided in each section to record comments. Additional space is available on the comments page at the end of the checklist. Comments should remain factual and support the evaluation of compliance.

Appendix A is for recording information about containers and other locations at the facility that require secondary containment.

Appendix B is a checklist for documentation of the tests and inspections the facility operator is required to keep with the SPCC Plan.

Appendix C is a checklist for oil removal contingency plans. A contingency plan is required if a facility determines that secondary containment is impracticable as provided in 40 CFR 112.7(d).



U.S. ENVIRONMENTAL PROTECTION AGENCY

SPCC FIELD INSPECTION AND PLAN REVIEW CHECKLIST

FOR USE AT ONSHORE FACILITIES (EXCLUDING PRODUCTION)

FACILITY INFORMATION			
FACILITY NAME:			
ADDRESS:		LAT:	LONG:
CITY:	STATE:	ZIP:	COUNTY:
TELEPHONE:	FACILITY REPRESENTATIVE NAME:		
OWNER NAME:			
OWNER ADDRESS:			
CITY:	STATE:	ZIP:	
TELEPHONE:	OWNER CONTACT PERSON:		
FACILITY OPERATOR NAME (IF DIFFERENT FROM OWNER – IF NOT, PRINT “SAME”):			
OPERATOR ADDRESS:			
CITY:	STATE:	ZIP:	
TELEPHONE:	OPERATOR CONTACT PERSON:		
FACILITY TYPE:		NAICS CODE:	
HOURS PER DAY FACILITY ATTENDED:		TOTAL FACILITY CAPACITY:	
TYPE(S) OF OIL STORED:			
IS FACILITY LOCATED IN INDIAN COUNTRY? <input type="checkbox"/> YES <input type="checkbox"/> NO IF YES, RESERVATION NAME:			
INSPECTION INFORMATION			
INSPECTION DATE:	TIME:	INSPECTION NUMBER:	
LEAD INSPECTOR:			
OTHER INSPECTOR(S):			
INSPECTOR ACKNOWLEDGMENT			
<i>I performed an SPCC inspection at the facility specified above.</i>			
INSPECTOR SIGNATURE:			DATE:

FACILITY RESPONSE PLAN (FRP) APPLICABILITY

A non-transportation related onshore facility is required to prepare and implement an FRP as outlined in 40 CFR 112.20 if:

The facility transfers oil over water to or from vessels and has a total oil storage capacity greater than or equal to 42,000 gallons, **OR**

The facility has a total oil storage capacity of at least 1 million gallons, and at least one of the following is true:

- The facility does not have secondary containment sufficiently large to contain the capacity of the largest aboveground tank plus sufficient freeboard for precipitation.
- The facility is located at a distance such that a discharge could cause injury to fish and wildlife and sensitive environments.
- The facility is located such that a discharge would shut down a public drinking water intake.
- The facility has had a reportable discharge greater than or equal to 10,000 gallons in the past 5 years.

Facility has FRP: Yes No Not Required

FRP Number:

Facility has a completed and signed copy of Appendix C, Attachment C-II, "Certification of the Applicability of the Substantial Harm Criteria." Yes No

Comments:

SPCC GENERAL APPLICABILITY—40 CFR 112.1

IS THE FACILITY REGULATED UNDER 40 CFR part 112?

The completely buried oil storage capacity is over 42,000 gallons, **OR** the aggregate aboveground oil storage capacity is over 1,320 gallons Yes No **AND**

The facility is a non-transportation-related facility engaged in drilling, producing, gathering, storing, processing, refining, transferring, distributing, using, or consuming oil and oil products, which due to its location could reasonably be expected to discharge oil into or upon the navigable waters of the United States (as defined in 40 CFR 110.1). Yes No

AFFECTED WATERWAY(S):

DISTANCE:

PATH:

Note: The following storage capacity is not considered in determining applicability of SPCC requirements:

- Completely buried tanks subject to all the technical requirements of 40 CFR part 280 or a state program approved under 40 CFR part 281.
- Equipment subject to the authority of the U.S. Department of Transportation, U.S. Department of the Interior, or Minerals Management Service, as defined in Memoranda of Understanding dated November 24, 1971, and November 8, 1993.
- Any facility or part thereof used exclusively for wastewater treatment (production, recovery or recycling of oil is not considered wastewater treatment).
- Containers smaller than 55 gallons.
- Permanently closed containers.

Does the facility have an SPCC Plan? Yes No

Comments:

REQUIREMENTS FOR PREPARATION AND IMPLEMENTATION OF A SPCC PLAN—40 CFR 112.3

Date facility began operations:

Date of initial SPCC Plan preparation:

Current plan version (date/number):

- | | | |
|----------|---|--|
| 112.3(a) | For facilities in operation prior to August 16, 2002: | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA |
| | • Plan amended by February 17, 2006 | |
| | • Amended Plan implemented by August 18, 2006 | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA |
| | For facilities beginning operation between August 17, 2002, and August 18, 2006, Plan prepared and fully implemented by August 18, 2006 | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA |

REQUIREMENTS FOR PREPARATION AND IMPLEMENTATION OF A SPCC PLAN—40 CFR 112.3

112.3(b) For facilities beginning operation after August 18, 2006, Plan prepared and fully implemented before beginning operations Yes No NA

112.3(d) Professional Engineer certification includes statement that the PE attests:

- PE is familiar with the requirements of 40 CFR part 112 Yes No
- PE or agent has visited and examined the facility Yes No
- Plan is prepared in accordance with good engineering practice including consideration of applicable industry standards and the requirements of 40 CFR part 112 Yes No
- Procedures for required inspections and testing have been established Yes No
- Plan is adequate for the facility Yes No

PE Name: _____ License No.: _____ State: _____ Date of certification: _____

112.3(e) Plan available onsite if facility is attended at least 4 hours/day (If located at nearest field office, please note contact information below) Yes No NA

Comments:

AMENDMENT OF SPCC PLAN BY REGIONAL ADMINISTRATOR (RA)—40 CFR 112.4

112.4(a) Has the facility discharged a reportable quantity of oil in amounts considered harmful: more than 1,000 gallons of oil in a single discharge or more than 42 gallons in each of two discharges in any 12-month period (see 40 CFR part 110)? Yes No

• If yes, was information submitted to the RA as required in §112.4(a)? Yes No NA

• Date(s) of reportable discharges(s): Yes No NA

• Were they reported to the NRC? Yes No NA

112.4(d), (e) Have changes required by the RA been implemented in the Plan and/or facility? Yes No NA

Comments:

AMENDMENT OF SPCC PLAN BY THE OWNER OR OPERATOR—40 CFR 112.5

112.5(a) Has there been a change at the facility that materially affects the potential for a discharge? Yes No NA

• If so, was the Plan amended within six months of the change? Yes No NA

112.5(b) Review and evaluation of the Plan documented at least once every 5 years? Yes No NA

• Following Plan review, and if amendment was required, was Plan amended within six months to include more effective prevention and control technology, if available? Yes No NA

112.5(c) Professional Engineer certification of any technical Plan amendments in accordance with §112.3(d) Yes No NA

Name: _____ License No.: _____ State: _____ Date of certification: _____

Reason for amendment:

Amendments implemented within six months of any Plan amendment Yes No NA

Comments:

INDICATE IF ITEM IS ADDRESSED ADEQUATELY (Yes), INADEQUATELY (No), OR IS NOT APPLICABLE (NA) IN PLAN AND FIELD.

GENERAL SPCC REQUIREMENTS—40 CFR 112.7		PLAN	FIELD
Management approval at a level of authority to commit the necessary resources to fully implement the Plan		<input type="checkbox"/> Yes	<input type="checkbox"/> No
Name:	Title:	Date:	
Plan follows sequence of the rule or provides a cross-reference of requirements in the Plan and the rule		<input type="checkbox"/> Yes <input type="checkbox"/> No	
If Plan calls for facilities, procedures, methods, or equipment not yet fully operational, details of their installation and start-up are discussed (<i>Note: Relevant for inspection evaluation and testing baselines.</i>)		<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	
112.7(a)(2)	If there are deviations from the requirements of the rule, the Plan states reasons for nonconformance	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	
	Alternative measures described in detail and provide equivalent environmental protection (<i>Note: Inspector should document if the environmental equivalence is implemented in the field</i>)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
Describe each deviation and reasons for nonconformance:			
112.7(a)(3)	Plan includes diagram with location and contents of all regulated containers (including completely buried tanks otherwise exempt from the SPCC requirements), transfer stations, and connecting pipes	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
112.7(a)(3) Plan addresses each of the following:			
	(i) For each container, type of oil and storage capacity (see Appendix A)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
	(ii) Discharge prevention measures, including procedures for routine handling of products	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
	(iii) Discharge or drainage controls, such as secondary containment around containers, and other structures, equipment, and procedures for the control of a discharge	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
	(iv) Countermeasures for discharge discovery, response, and cleanup (both facility's and contractor's resources)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
	(v) Methods of disposal of recovered materials in accordance with applicable legal requirements	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	
	(vi) Contact list and phone numbers for the facility response coordinator, National Response Center, cleanup contractors contracted to respond to a discharge, and all Federal, State, and local agencies who must be contacted in the case of a discharge as described in §112.1(b)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	
Comments:			

INDICATE IF ITEM IS ADDRESSED ADEQUATELY (Yes), INADEQUATELY (No), OR IS NOT APPLICABLE (NA) IN PLAN AND FIELD.

GENERAL SPCC REQUIREMENTS—40 CFR 112.7		PLAN	FIELD
112.7(a)(4)	Plan includes information and procedures that enable a person reporting a discharge as described in §112.1(b) to relate information on the exact address or location and phone number of the facility; the date and time of the discharge; the type of material discharged; estimates of the total quantity discharged; estimates of the quantity discharged as described in §112.1(b); the source of the discharge; a description of all affected media; the cause of the discharge; any damages or injuries caused by the discharge; actions being used to stop, remove, and mitigate the effects of the discharge; whether an evacuation may be needed; and the names of individuals and/or organizations who have also been contacted (Not required if a facility has an FRP)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	
112.7(a)(5)	Plan organized so that portions describing procedures to be used when a discharge occurs will be readily usable in an emergency (Not required if a facility has an FRP)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	
112.7(b)	Plan includes a prediction of the direction, rate of flow, and total quantity of oil that could be discharged for each type of major equipment failure where experience indicates a reasonable potential for equipment failure	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
112.7(c)	Appropriate containment and/or diversionary structures provided to prevent a discharge as described in §112.1(b) before cleanup occurs. The entire containment system, including walls and floors, are capable of containing oil and are constructed to prevent escape of a discharge from the containment system before cleanup occurs. (1) For onshore facilities , one of the following or its equivalent: (i) dikes, berms, or retaining walls sufficiently impervious to contain oil, (ii) curbing, (iii) culverting, gutters or other drainage systems, (iv) weirs, booms or other barriers, (v) spill diversion ponds, (vi) retention ponds, or (vii) sorbent materials (See Appendix A)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
112.7(d)	Determination(s) of impracticability of secondary containment	<input type="checkbox"/> Yes <input type="checkbox"/> No	
	If YES , is the impracticability of secondary containment clearly demonstrated?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
	Comments concerning impracticability determination(s) for secondary containment:		
	If impracticability determination is made, for bulk storage containers, periodic integrity testing of containers and leak testing of the valves and piping associated with the container is conducted	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
	If impracticability determination is made, unless facility has FRP: (1) Contingency Plan following 40 CFR part 109 (see Appendix C checklist) is provided AND	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	
	(2) Written commitment of manpower, equipment, and materials required to control and remove any quantity of oil discharged that may be harmful	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
112.7(e)	Inspections and tests conducted in accordance with written procedures	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	
	Record of inspections or tests signed by supervisor or inspector and kept with Plan for at least 3 years (see Appendix B checklist)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
Comments:			

INDICATE IF ITEM IS ADDRESSED ADEQUATELY (Yes), INADEQUATELY (No), OR IS NOT APPLICABLE (NA) IN PLAN AND FIELD.

GENERAL SPCC REQUIREMENTS—40 CFR 112.7		PLAN	FIELD
112.7(f) Personnel, training, and oil discharge prevention procedures			
(1)	Training of oil-handling personnel in operation and maintenance of equipment to prevent discharges; discharge procedure protocols; applicable pollution control laws, rules and regulations; general facility operations; and contents of SPCC Plan	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
(2)	Person designated as accountable for discharge prevention at the facility	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
(3)	Discharge prevention briefings conducted at least once a year for oil handling personnel	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
112.7(g) Security (excluding production facilities)			
(1)	Facility fully fenced and gates are locked and/or guarded when facility is unattended	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
(2)	Master flow and drain valves and any other valves permitting direct outward flow of the container's contents to the surface have adequate security measures so that they remain in the closed position when in non-operating or non-standby status	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
(3)	Pump starter controls locked in "off" position and accessible only to authorized personnel when in non-operating/non-standby status	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
(4)	Loading/unloading connections of oil pipelines or facility piping securely capped or blank-flanged when not in service or when in standby service for an extended period of time, including piping that is emptied of liquid content either by draining or by inert gas pressure	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
(5)	Adequate facility lighting commensurate with the type and location of the facility that assists in the discovery of discharges occurring during hours of darkness and to prevent discharges occurring through acts of vandalism	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
112.7(h) Tank car and tank truck loading/unloading rack*			
(1)	Does loading/unloading area (the location adjacent to the loading or unloading rack) drainage flow to catchment basin or treatment facility? <input type="checkbox"/> Yes <input type="checkbox"/> No <ul style="list-style-type: none"> • If NO, quick drainage system used 	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
	Containment system holds capacity of the largest single compartment of a tank car/truck loaded/unloaded at the facility	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
(2)	Physical barriers, warning signs, wheel chocks, or vehicle brake interlock system in loading/unloading areas (the location adjacent to the loading or unloading rack) to prevent vehicles from departing before complete disconnection of flexible or fixed oil transfer lines	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
(3)	Lower-most drains and all outlets on tank cars/trucks inspected prior to filling/departure, and, if necessary ensure that they are tightened, adjusted, or replaced to prevent liquid discharge while in transit	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
Comments:			
* Note that a tank car/truck loading/unloading rack must be present for §112.7(h) to apply			

INDICATE IF ITEM IS ADDRESSED ADEQUATELY (Yes), INADEQUATELY (No), OR IS NOT APPLICABLE (NA) IN PLAN AND FIELD.

GENERAL SPCC REQUIREMENTS—40 CFR 112.7		PLAN	FIELD
112.7(i) Brittle fracture evaluation of field-constructed aboveground containers			
112.7(i)	Brittle fracture evaluation is conducted after tank repair/alteration/change in service that might affect the risk of a discharge or after a discharge/failure due to brittle fracture or other catastrophe, and appropriate action taken as necessary (for field-constructed aboveground containers)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
112.7(j) State rules, regulations and guidelines and conformance with applicable sections of 40 CFR part 112			
112.7(j)	Discussion of conformance with applicable more stringent State rules, regulations, and guidelines and other effective discharge prevention and containment procedures listed in 40 CFR part 112	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	
Comments:			

ONSHORE FACILITIES (EXCLUDING PRODUCTION)—112.8/112.12		PLAN	FIELD
112.8(b)/112.12(b) Facility Drainage			
(1)	Drainage from diked storage areas is restrained by valves, OR manually activated pumps or ejectors are used and the condition of the accumulation is inspected prior to discharge to ensure no oil will be discharged.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
(2)	Valves from diked storage areas are manual, open-and-closed design (not flapper-type drain valves)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
	If drainage is released directly to a watercourse and not into an onsite wastewater treatment plant, storm water inspected per §112.8(c)(3)(ii), (iii), and (iv) or §112.12(c)(3)(ii), (iii), and (iv)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
(3)	Drainage from undiked areas with a potential for discharge designed to flow into ponds, lagoons, or catchment basins to retain oil or return it to facility. Catchment basin located away from flood areas.*	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
(4)	If facility drainage not engineered as in (b)(3), facility equipped with a diversion system to retain oil in the facility in the event of a discharge*	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
(5)	Are facility drainage waters continuously treated in more than one treatment unit and pump transfer is needed? <input type="checkbox"/> Yes <input type="checkbox"/> No If YES :		
	• Two "lift" pumps available and at least one permanently installed	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
	• Facility drainage systems engineered to prevent a discharge as described in §112.1(b) in the case of equipment failure or human error	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
Comments:			
* These provisions apply only when a facility drainage system is used for containment.			

INDICATE IF ITEM IS ADDRESSED ADEQUATELY (Yes), INADEQUATELY (No), OR IS NOT APPLICABLE (NA) IN PLAN AND FIELD.

ONSHORE FACILITIES (EXCLUDING PRODUCTION)—112.8/112.12		PLAN	FIELD
112.8(c)/112.12(c) Bulk Storage Containers (See Appendix A of this checklist)			
(1)	Containers compatible with material stored and conditions of storage such as pressure and temperature	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
(2)	Secondary containment to hold capacity of largest container and sufficient freeboard for precipitation	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
	Diked areas sufficiently impervious to contain discharged oil	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
	Alternatively, any discharge to a drainage trench system will be safely confined in a facility catchment basin or holding pond	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
(3) Is there drainage of uncontaminated rainwater from diked areas into a storm drain or open watercourse? <input type="checkbox"/> Yes <input type="checkbox"/> No If YES :			
(i)	Bypass valve normally sealed closed	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
(ii)	Retained rainwater is inspected to ensure that its presence will not cause a discharge as described in §112.1(b)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
(iii)	Bypass valve opened and resealed under responsible supervision	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
(iv)	Adequate records of drainage are kept; for example, records required under permits issued in accordance with 40 CFR 122.41(j)(2) and (m)(3)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
(4) For completely buried metallic tanks installed on or after January 10, 1974 (if not exempt from SPCC regulation because subject to all of the technical requirements of 40 CFR part 280 or 281):			
	• Corrosion protection with coatings or cathodic protection compatible with local soil conditions	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
	• Regular leak testing conducted	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
(5)	Partially buried or bunkered metallic tanks protected from corrosion with coatings or cathodic protection compatible with local soil conditions	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
Comments:			

INDICATE IF ITEM IS ADDRESSED ADEQUATELY (Yes), INADEQUATELY (No), OR IS NOT APPLICABLE (NA) IN PLAN AND FIELD.

ONSHORE FACILITIES (EXCLUDING PRODUCTION)—112.8/112.12		PLAN	FIELD
112.8(c)/112.12(c) Bulk Storage Containers (continued)			
(6)	Aboveground containers integrity tested by visual inspection and another technique such as hydrostatic testing, radiographic testing, ultrasonic testing, acoustic emissions testing, or another system of non-destructive shell testing on a regular schedule and whenever material repairs are made	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
	Container supports and foundations regularly inspected	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
	Outside of containers frequently inspected for signs of deterioration, discharges, or accumulation of oil inside diked areas	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
	Records of inspections and tests maintained	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
(7)	Leakage through defective internal heating coils controlled: <ul style="list-style-type: none"> • Steam returns and exhaust lines from internal heating coils that discharge into an open water source are monitored for contamination, OR • Steam returns and exhaust lines pass through a settling tank, skimmer, or other separation or retention system 	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
(8)	Each container equipped with at least one of the following for liquid level sensing: (i) high liquid level alarms with an audible or visual signal at a constantly attended operation or surveillance station, or audible air vent in smaller facilities, (ii) high liquid level pump cutoff devices set to stop flow at a predetermined container content level, (iii) direct audible or code signal communication between container gauger and pumping station, (iv) fast response system (such as digital computers, telepulse, or direct vision gauges) and a person is present to monitor gauges and the overall filling of bulk storage containers, (v) liquid level sensing devices regularly tested to ensure proper operation	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
(9)	Effluent treatment facilities observed frequently enough to detect possible system upsets that could cause a discharge as described in §112.1(b)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
(10)	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	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
(11)	Mobile or portable containers positioned to prevent a discharge as described in §112.1(b).	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
	Mobile or portable containers have secondary containment with sufficient capacity to contain the largest single compartment or container and sufficient freeboard for precipitation	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
Comments:			

INDICATE IF ITEM IS ADDRESSED ADEQUATELY (Yes), INADEQUATELY (No), OR IS NOT APPLICABLE (NA) IN PLAN AND FIELD.

ONSHORE FACILITIES (EXCLUDING PRODUCTION)—112.8/112.12		PLAN	FIELD
112.8(d)/112.12(d) Facility transfer operations, pumping, and facility process			
(1)	Buried piping installed or replaced on or after August 16, 2002 has protective wrapping or coating	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
	Buried piping installed or replaced on or after August 16, 2002 is cathodically protected or otherwise satisfies corrosion protection standards for piping in 40 CFR part 280 or 281	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
	Exposed buried piping is inspected for deterioration and corrosion damage is examined and corrected	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
(2)	Piping terminal connection at the transfer point is marked as to origin and capped or blank-flanged when not in service or in standby service for an extended time	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
(3)	Pipe supports are properly designed to minimize abrasion and corrosion and allow for expansion and contraction	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
(4)	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	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
	Integrity and leak testing conducted on buried piping at time of installation, modification, construction, relocation, or replacement	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
(5)	Vehicles warned so that no vehicle endangers aboveground piping and other oil transfer operations	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
Comments:			

SPCC FIELD INSPECTION AND PLAN REVIEW TABLE

Appendix A: Documentation of Field Observations for Containers and Associated Requirements

Inspectors should use this table to document observations of containers as needed.

Containers and Piping

Check containers for leaks, specifically looking for: drip marks, discoloration of tanks, puddles containing spilled or leaked material, corrosion, cracks, and localized dead vegetation, and standards/specifications of construction.

Check foundation for: cracks, discoloration, puddles containing spilled or leaked material, settling, gaps between container and foundation, and damage caused by vegetation roots.

Check piping for: droplets of stored material, discoloration, corrosion, bowing of pipe between supports, evidence of stored material seepage from valves or seals, and localized dead vegetation. (Document in comments section of §112.8(d) / §112.12(d).)

Secondary Containment (Active and Passive)

Check secondary containment for: containment system (including walls and floor) ability to contain oil such that oil will not escape the containment system before cleanup occurs, proper sizing, cracks, discoloration, presence of spilled or leaked material (standing liquid), erosion, corrosion, and valve conditions.

Check dike or berm systems for: level of precipitation in dike/available capacity, operational status of drainage valves (closed), dike or berm impermeability, debris, erosion, impermeability of the earthen floor/walls of diked area, and location/status of pipes, inlets, drainage around and beneath containers, presence of oil discharges within diked areas.

Check retention and drainage ponds for: erosion, available capacity, presence of spilled or leaked material, debris, and stressed vegetation.

Check active measures (countermeasures) for: amount indicated in plan is available and appropriate; deployment procedures are realistic; material is located so that they are readily available; efficacy of discharge detection; availability of personnel and training, appropriateness of measures to prevent a discharge as described in §112.1(b).

Container ID/ General Condition	Storage Capacity and Type of Oil	Type of Containment/ Drainage Control	Overfill Protection and Testing & Inspections

SPCC INSPECTION AND TESTING CHECKLIST

Appendix B: Required Documentation of Tests and Inspections

Records of inspections and tests required by 40 CFR part 112 signed by the appropriate supervisor or inspector must be kept with the SPCC Plan for a period of three years. Records of inspections and tests conducted under usual and customary business practices will suffice. Documentation of the following inspections and tests should be kept with the SPCC Plan.

Inspection or Test	Documentation		Not Applicable
	Present	Not Present	
112.7–General SPCC Requirements			
(d) Integrity testing is conducted for bulk storage containers with no secondary containment system and for which an impracticability determination has been made			
(d) Integrity and leak testing of valves and piping associated with bulk storage containers with no secondary containment system and for which an impracticability determination has been made			
(i) Evaluate field-constructed aboveground containers for potential for brittle fracture or other catastrophic failure when the container undergoes a repair, alteration, reconstruction or change in service			
112.8/112.12–Onshore facilities (excluding production)			
(b)(2) Storm water released from facility drainage directly to a watercourse is inspected and records of drainage are kept			
(c)(3)(iv) Rainwater released directly from diked containment areas to a storm drain or open watercourse is inspected and records of drainage are kept			
(c)(4) Regular leak testing of completely buried metallic storage tanks			
(c)(6) Aboveground containers, supports and foundations tested for integrity on a regular schedule			
(c)(6) Outside of containers frequently inspected for deterioration, discharges or accumulations of oil inside diked areas			
(c)(8)(v) Liquid level sensing devices regularly tested to ensure proper operation			
(c)(9) Effluent treatment facilities are observed frequently enough to detect possible system upsets that could cause a discharge as described in §112.1(b)			
(d)(1) When buried piping is exposed, it is carefully inspected for deterioration and corrosion damage is corrected			
(d)(4) Aboveground valves, piping and appurtenances are regularly inspected and the general condition of flange joints, expansion joints, valve glands and bodies, catch pans, pipeline supports, locking of valves, and metal surfaces are assessed			
(d)(4) Integrity and leak testing of buried piping is conducted at time of installation, modification, construction, relocation or replacement			
Comments:			

SPCC CONTINGENCY PLAN REVIEW CHECKLIST

Appendix C: 40 CFR Part 109—Criteria for State, Local and Regional Oil Removal Contingency Plans

If a facility makes an impracticability determination for secondary containment in accordance with §112.7(d), it is required to provide an oil spill contingency plan following 40 CFR part 109.

109.5—Development and implementation criteria for State, local and regional oil removal contingency plans*	Yes	No
(a) Definition of the authorities, responsibilities and duties of all persons, organizations or agencies which are to be involved in planning or directing oil removal operations.		
(b) Establishment of notification procedures for the purpose of early detection and timely notification of an oil discharge including:		
(1) The identification of critical water use areas to facilitate the reporting of and response to oil discharges.		
(2) A current list of names, telephone numbers and addresses of the responsible persons (with alternates) and organizations to be notified when an oil discharge is discovered.		
(3) Provisions for access to a reliable communications system for timely notification of an oil discharge, and the capability of interconnection with the communications systems established under related oil removal contingency plans, particularly State and National plans (e.g., NCP).		
(4) An established, prearranged procedure for requesting assistance during a major disaster or when the situation exceeds the response capability of the State, local or regional authority.		
(c) Provisions to assure that full resource capability is known and can be committed during an oil discharge situation including:		
(1) The identification and inventory of applicable equipment, materials and supplies which are available locally and regionally.		
(2) An estimate of the equipment, materials and supplies which would be required to remove the maximum oil discharge to be anticipated.		
(3) Development of agreements and arrangements in advance of an oil discharge for the acquisition of equipment, materials and supplies to be used in responding to such a discharge.		
(d) Provisions for well defined and specific actions to be taken after discovery and notification of an oil discharge including:		
(1) Specification of an oil discharge response operating team consisting of trained, prepared and available operating personnel.		
(2) Predesignation of a properly qualified oil discharge response coordinator who is charged with the responsibility and delegated commensurate authority for directing and coordinating response operations and who knows how to request assistance from Federal authorities operating under existing national and regional contingency plans.		
(3) A preplanned location for an oil discharge response operations center and a reliable communications system for directing the coordinated overall response operations.		
(4) Provisions for varying degrees of response effort depending on the severity of the oil discharge.		
(5) Specification of the order of priority in which the various water uses are to be protected where more than one water use may be adversely affected as a result of an oil discharge and where response operations may not be adequate to protect all uses.		
(e) Specific and well defined procedures to facilitate recovery of damages and enforcement measures as provided for by State and local statutes and ordinances.		

* The contingency plan should be consistent with all applicable state and local plans, Area Contingency Plans, and the National Contingency Plan (NCP).