

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

FOR USE AT OFFSHORE DRILLING, PRODUCTION, AND WORKOVER FACILITIES

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 112.11 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 OFFSHORE DRILLING, PRODUCTION, AND WORKOVER FACILITIES

FACILITY INFORMATION	FACILITY INFORMATION						
FACILITY NAME:							
ADDRESS: LAT:				LAT:	LONG:		
CITY:	STATE:	ZIP:		COUNTY:			
TELEPHONE: FACILITY REPRESENTATIVE NAME:							
OWNER NAME:							
OWNER ADDRESS:							
CITY:	STATE: ZIP:						
TELEPHONE:	OWNER CONTAG	CT PERSON:					
FACILITY OPERATOR NAME (IF DIFFER	ENT FROM OWNE	R – IF NOT, PR	INT "SAM	E"):			
OPERATOR ADDRESS:							
CITY:	STATE: ZIP:						
TELEPHONE:	OPERATOR CON	ITACT PERSON	1:				
FACILITY TYPE:				NAICS CODE:			
HOURS PER DAY FACILITY ATTENDED:		TOTAL FACIL	ITY CAPA	CITY:			
TYPE(S) OF OIL STORED:							
IS FACILITY LOCATED IN INDIAN COUN	TRY? 🗆 YES 🛛	NO IF YES, RE	SERVATI	ON NAME:			
INSPECTION INFORMATION							
INSPECTION DATE:	TIME:		INSPECT	TION NUMBER:			
LEAD INSPECTOR:							
OTHER INSPECTOR(S):							
INSPECTOR ACKNOWLEDGMENT							
I performed an SPCC inspection at the facility specified above.							
INSPECTOR SIGNATURE:					DATE:		

GENERA	L 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						
distributing	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).					
AFFECTEI	AFFECTED WATERWAY(S): DISTANCE:					
PATH:						
 Complete Equipment as defining Any factor treatment Contain 	 treatment). Containers smaller than 55 gallons. 					
Does the fa	acility have an SPCC Plan?			🗆 Yes 🗆 No		
Comments	:					
REQUIRE	MENTS FOR PREPARATION	N AND IMPLEMENTATION	OF A SPCC PLA	AN—40 CFR 112.3		
Date facilit	y began operations:					
Date of init	ial SPCC Plan preparation:	Cur	rent plan version (o	date/number):		
112.3(a)	For facilities in operation prior to Plan amended by February	C		□ Yes □ No □ NA		
	Amended Plan implemented	d by August 18, 2006		🗆 Yes 🗆 No 🗆 NA		
	For facilities beginning operation 2006, Plan prepared and fully in	-	-	□Yes □No □NA		
112.3(b) & (c)	For facilities beginning operation implemented before beginning of		repared and fully	□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 PE or agent has visited and examined the facility Plan is prepared in accordance with good engineering practice including consideration of applicable industry standards and the requirements of 40 CFR part 112 Procedures for required inspections and testing have been established Plan is adequate for the facility Yes I No Yes I No 						
PE Name:		License No.:	State:	Date of certification:		
			1			
112.3(e)	Plan available onsite if facility is (If located at nearest field office,	-	n below.)	□ Yes □ No □ NA		

7

AMEND	MENT OF SPCC PLAN BY F	REGIONAL ADMINISTRATOR ((RA)—40 CFR 1	12.4			
112.4(a)		portable quantity of oil in amounts on ngle discharge or more than 42 gall priod (see 40 CFR part 110)?			□ Yes	□ No	
	If yes, was information sub	omitted to the RA as required in §11	12.4(a)?		□ Yes	□ No	□ NA
	Date(s) of reportable dischWere they reported to the				□ Yes	□ No	□ NA
112.4(d),	112.4(d), (e) Have changes required by the RA been implemented in the Plan and/or facility?				□ Yes	□ No	□ NA
Comment							
	MENT OF SPCC PLAN BY T	HE OWNER OR OPERATOR-	-40 CFR 112.5				
112.5(a)		he facility that materially affects the		charge?	□ Yes	□ No	□ NA
	• If so, was the Plan amend	ed within six months of the change?	?		□ Yes	□ No	□ NA
112.5(b)	Review and evaluation of the	Plan documented at least once eve	ery 5 years?		□ Yes	□ No	□ NA
	-	d if amendment was required, was F fective prevention and control techr			□ Yes	□ No	□ NA
112.5(c)	Professional Engineer certificat §112.3(d)	tion of any technical Plan amendme	ents in accordance	with	□ Yes	□ No	□ NA
Name:		License No.:	State:	Date of certifi	cation:		
Reason fo	or amendment:						
Amendme	ents implemented within six mon	ths of any Plan amendment			□ Yes	□ No	\Box NA
Comment	S:						

GENERAL	_ SPCC REQUIREMENTS—40 CFR 112.7		PLAN	FIELD			
Manageme	Management approval at a level of authority to commit the necessary resources to fully implement the Plan 🛛 Yes 🖓 No						
Name:		Title:	Date:				
Plan follows	s sequence of the rule or provides a cross-reference of requirements in the R	Plan and the rule	□ Yes □ No				
	for facilities, procedures, methods, or equipment not yet fully operational, d o are discussed (Note: Relevant for inspection evaluation and testing baseling		□ Yes □ No □ NA				
112.7(a)(2)	If there are deviations from the requirements of the rule, the Plan states nonconformance	reasons for	□ Yes □ No □ NA				
	Alternative measures described in detail and provide equivalent environr Inspector should document if the environmental equivalence is implement		□ Yes □ No □ NA	□ Yes □ No □ NA			
Describe ea	Describe each deviation and reasons for nonconformance:						
112.7(a)(3)	Plan includes diagram with location and contents of all regulated contained buried tanks otherwise exempt from the SPCC requirements), transfer stat pipes		□ Yes □ No □ NA	□ Yes □ No □ NA			
112.7(a)(3)	Plan addresses each of the following:						
(i)	For each container, type of oil and storage capacity (see Appendix A)		□ Yes □ No □ NA	□ Yes □ No □ NA			
(ii)	Discharge prevention measures, including procedures for routine handling	of products	□ Yes □ No □ NA	□ Yes □ No □ NA			
(iii)	Discharge or drainage controls, such as secondary containment around constructures, equipment, and procedures for the control of a discharge	ntainers, and other	□ Yes □ No □ NA	□ Yes □ No □ NA			
(iv)	Countermeasures for discharge discovery, response, and cleanup (both fac resources)	cility's and contractor's	□ Yes □ No □ NA	□ Yes □ No □ NA			
(v)	Methods of disposal of recovered materials in accordance with applicable le	egal requirements	□ Yes □ No □ NA				
	Contact list and phone numbers for the facility response coordinator, Nation cleanup contractors contracted to respond to a discharge, and all Federal, who must be contacted in the case of a discharge as described in §112.1(b)	State, and local agencies	□ Yes □ No □ NA				
Comments:							

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

GENERA	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	□ Yes □ No □ 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	□ Yes □ No □ 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	□ Yes □ No □ 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, is capable of containing oil and is constructed to prevent escape of a discharge from the containment system before a cleanup occurs (2) For offshore facilities : (i) curbing or drip pans, or (ii) sumps and collection systems (See Appendix A)	□ Yes □ No □ NA	□ Yes □ No □ NA
112.7(d)	Determination(s) of impracticability of secondary containment	□ Yes □ No	
	If YES, is the impracticability of secondary containment clearly demonstrated?	□ Yes □ No □ NA	□ Yes □ No □ 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	□ Yes □ No □ NA	□ Yes □ No □ NA
	If impracticability determination is made: (1) Contingency Plan following 40 CFR part 109 (see Appendix C) is provided AND	□ Yes □ No □ NA	
	(2) Written commitment of manpower, equipment, and materials required to control and remove any quantity of oil discharged that may be harmful	□ Yes □ No □ NA	□ Yes □ No □ NA
112.7(e)	Inspections and tests conducted in accordance with written procedures	□ Yes □ No □ NA	
	Record of inspections or tests signed by supervisor or inspector and kept with Plan for at least 3 years (see Appendix B checklist)	□ Yes □ No □ NA	□ Yes □ No □ NA
Comments:			

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

GENER	RAL SPCC REQUIREMENTS—40 CFR 112.7	PLAN	FIELD
112.7(f)	Personnel, training, and oil discharge prevention procedures		
dis	aining of oil-handling personnel in operation and maintenance of equipment to prevent discharges; scharge procedure protocols; applicable pollution control laws, rules and regulations; general facility perations; and contents of SPCC Plan	□ Yes □ No □ NA	□ Yes □ No □ NA
(2) Pe	erson designated as accountable for discharge prevention at the facility	□ Yes □ No □ NA	□ Yes □ No □ NA
(3) Di	scharge prevention briefings conducted at least once a year for oil handling personnel	□ Yes □ No □ NA	□ Yes □ No □ 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? □ Yes □ No • If NO, quick drainage system used	□ Yes □ No □ NA	□ Yes □ No □ NA
	Containment system holds capacity of the largest single compartment of a tank car/truck loaded/unloaded at the facility	□ Yes □ No □ NA	□ Yes □ No □ NA
ar	nysical barriers, warning signs, wheel chocks, or vehicle brake interlock system in loading/unloading eas (the location adjacent to the loading or unloading rack) to prevent vehicles from departing before omplete disconnection of flexible or fixed oil transfer lines	□ Yes □ No □ NA	□ Yes □ No □ NA
	ower-most drains and all outlets on tank cars/trucks inspected prior to filling/departure, and if necessary insure that they are tightened, adjusted, or replaced to prevent liquid discharge while in transit	□ Yes □ No □ NA	□ Yes □ No □ NA
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)	□ Yes □ No □ NA	□ Yes □ No □ 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	□ Yes □ No □ NA	
Commer	nts:		

* Note that a tank car/truck loading/unloading rack must be present for §112.7(h) to apply. Though this requirement applies to all facilities, loading and unloading rack equipment is often not present at typical offshore production facilities.

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

OFFSHO	RE OIL DRILLING, PRODUCTION, OR WORKOVER FACILITIES—112.11	PLAN	FIELD
112.11(b)	Oil drainage collection equipment used to prevent and control small discharges around pumps, glands, valves, flanges, expansion joints, hoses, drain lines, separators, treaters, tanks, and associated equipment	□ Yes □ No □ NA	□ Yes □ No □ NA
	Facility drains are controlled and directed toward a central collection sump to prevent a discharge as described in §112.1(b); if drains and sumps not practicable, oil in collection equipment removed as often as necessary to prevent overflow	□ Yes □ No □ NA	□ Yes □ No □ NA
112.11(c)	For facilities using a sump system, sump and drains adequately sized	□ Yes □ No □ NA	□ Yes □ No □ NA
	For facilities using a sump system, spare pump available to remove liquids and assure that oil does not escape	□ Yes □ No □ NA	□ Yes □ No □ NA
	Regularly scheduled preventive maintenance inspection and testing program to assure reliable operation of liquid removal system and pump start-up device	□ Yes □ No □ NA	□ Yes □ No □ NA
	Redundant automatic sump pumps and control devices are installed if necessary	□ Yes □ No □ NA	□ Yes □ No □ NA
112.11(d)	If separators and treaters are equipped with dump valves which predominantly fail in the closed position and where pollution risk is high, facility equipped to prevent discharges by (1) extending the flare line to a diked area if the separator is near shore, (2) equipping separator with high liquid level sensor to automatically shut in wells producing to the separator, OR (3) installing parallel redundant dump valves	□ Yes □ No □ NA	□ Yes □ No □ NA
112.11(e)	Atmospheric storage or surge containers equipped with high liquid level sensing devices that activate an alarm or control the flow, or otherwise prevent discharges	□ Yes □ No □ NA	□ Yes □ No □ NA
Comments			

OFFSHO	RE OIL DRILLING, PRODUCTION, OR WORKOVER FACILITIES—112.11	PLAN	FIELD
112.11(f)	Pressure containers equipped with high and low pressure sensing devices that activate an alarm or control the flow	□ Yes □ No □ NA	□ Yes □ No □ NA
112.11(g)	Containers equipped with suitable corrosion protection	□ Yes □ No □ NA	□ Yes □ No □ NA
112.11(h)	Written procedures maintained in the SPCC plan for inspecting and testing pollution prevention equipment and systems	□ Yes □ No □ NA	
112.11(i)	Testing and inspection of pollution prevention equipment and systems conducted on a scheduled periodic basis commensurate with the complexity, conditions, and circumstances of the facility and any other applicable regulations. Simulated discharges are used for testing and inspecting human and equipment pollution control and countermeasure systems	□ Yes □ No □ NA	□ Yes □ No □ NA
112.11(j)	Detailed records are provided that describe surface and subsurface well shut-in valves and devices in use at the facility for each well. Records are sufficient to determine the method of activation or control, such as pressure differential, change in fluid or flow conditions, combination of pressure and flow, or manual or remote control mechanisms	□ Yes □ No □ NA	
112.11(k)	Blowout prevention (BOP) assembly and well control system installed before drilling below any casing string and during workover operations	□ Yes □ No □ NA	□ Yes □ No □ NA
	BOP assembly and well control system capable of controlling any well-head pressure that may be encountered while on the well	□ Yes □ No □ NA	□ Yes □ No □ NA
112.11(l)	Manifolds (headers) equipped with check valves on individual flowlines	□ Yes □ No □ NA	□ Yes □ No □ NA
112.11(m)	If the shut-in well pressure is greater than the working pressure of the flowline and manifold valves up to and including the header valves, flowlines are equipped with a high pressure sensing device and shut-in valve at the wellhead, OR pressure relief system provided for flowlines	□ Yes □ No □ NA	□ Yes □ No □ NA
112.11(n)	Piping appurtenant to the facility is protected from corrosion, such as with protective coatings or cathodic protection	□ Yes □ No □ NA	□ Yes □ No □ NA
112.11(o)	Sub-marine piping appurtenant to the facility is protected against environmental stresses and other activities such as fishing operations	□ Yes □ No □ NA	□ Yes □ No □ NA
112.11(p)	Sub-marine piping maintained in good operating condition at all times. Piping periodically inspected or tested on a regular schedule for failures. Documentation of inspections or tests kept at facility.	□ Yes □ No □ NA	□ Yes □ No □ NA
Comments			

ADDITIONAL COMMENTS					
Rule Provision	Comment				

PHOTO DOCUMENTATION LOG				
Photo Number	Description (include date and location)			

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

Check containers for the following: (1) atmospheric storage or surge containers are equipped with high liquid level sensing devices that activate an alarm or control the flow, or otherwise prevent discharges (2) pressure containers are equipped with high and low pressure sensing devices that activate an alarm or control the flow (3) containers are equipped with suitable corrosion protection. **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.

Secondary Containment

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, cracks, discoloration, presence of spilled or leaked material (standing liquid), corrosion, and valve conditions.

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.

		Docum	Documentation			
	Inspection or Test	Present	Not Present	Not Applicable		
112	12.7–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	11–Offshore oil drilling, production and workover facilities					
(c)	Regularly scheduled preventive maintenance inspection and testing program to assure reliable operation of liquid removal system and pump start-up device					
(i)	Testing and inspection of pollution prevention equipment and systems performed on a scheduled periodic basis. Simulated discharges are used for testing and inspecting human and equipment pollution control and countermeasure systems					
(p)	Submarine piping periodically inspected or tested for failures.					
Con	nments:					

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*				No
(a)		efinition of the authorities, responsibilities and duties of all persons, organizations or agencies which are to be volved 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).