Spill Prevention, Control, and Countermeasure (SPCC) Plan

Prepared under 40 CFR Part 112

Template provided by Ecesis EHS Software

Facility Name: _____

Facility Address: _____

Plan Effective Date: _____ **Plan Revision No.:** _____

How to Use This Template

Text shown in [brackets] and blank lines are placeholders for you to complete with your facility-specific information. Delete the italic guidance notes once each section is filled in.

This template provides a 40 CFR Part 112-aligned framework for documenting your facility's Spill Prevention, Control, and Countermeasure (SPCC) Plan. Complete every applicable section, attach the required facility diagram and supporting records, and have the plan certified before implementation.

Certification reminder: A full SPCC Plan must be reviewed and certified by a licensed Professional Engineer (PE). Facilities that meet the Tier I or Tier II qualified facility criteria may self-certify. Confirm your eligibility before choosing a certification path.

Disclaimer: This template is a starting framework, not legal advice or a substitute for professional engineering judgment. Regulatory applicability and requirements vary by facility. Have your completed plan reviewed by a qualified environmental professional and, where required, certified by a PE.

1. Plan Certification and Management Approval

Professional Engineer Certification (40 CFR 112.3(d))

I hereby certify that I am familiar with the requirements of 40 CFR Part 112; that I or my agent have visited and examined the facility; that this Plan has been prepared in accordance with good engineering practice, including consideration of applicable industry standards and the requirements of this part; that procedures for required inspections and testing have been established; and that the Plan is adequate for the facility.

PE Name: _____

PE Registration No. / State: _____

Signature / Date: _____

Management Approval and Designated Person (40 CFR 112.7)

Facility management approves this Plan, commits the resources required to implement it, and has designated the person below as accountable for discharge prevention.

Approving Official / Title: _____

Designated Person Accountable for Discharge Prevention:

_____

Signature / Date: _____

2. Facility Information

Owner / Operator: _____

Facility Physical Address: _____

Mailing Address (if different): _____

County / Geographic Coordinates (lat/long):

_____

Primary Facility Contact / Phone: _____

Type of Facility / Primary Operations:

_____

North American Industry Classification (NAICS):

_____

Date of Initial Facility Operation: _____

Applicability Summary

Confirm the facility meets SPCC applicability before completing this plan.

- Facility is non-transportation-related.
- Aggregate aboveground oil storage capacity is greater than 1,320 U.S. gallons (counting only containers 55 gallons and larger), OR completely buried storage capacity exceeds 42,000 U.S. gallons.
- A discharge of oil to navigable waters or adjoining shorelines could reasonably be expected based on facility location.

Total aboveground oil storage capacity (gallons):

_____

Total completely buried storage capacity (gallons):

_____

3. Facility Diagram and Description (40 CFR 112.7(a))

Provide a narrative description of facility operations and attach a facility diagram marking the location and contents of each oil storage container, completely buried tanks, transfer stations, connecting piping, and the predicted direction of flow toward navigable waters in the event of a discharge.

Facility description (attach diagram as Appendix A):

_____

[Insert or attach facility diagram here]

4. Oil Storage Container Inventory (40 CFR 112.7(a)(3)(i))

List every oil storage container 55 gallons and larger, including oil-filled operational and manufacturing equipment.

Container ID	Type / Material	Oil Type / Contents	Capacity (gal)	Secondary Containment?

5. Potential Discharge Volumes and Flow Direction (40 CFR 112.7(b))

For each container or area, describe the predicted direction, rate of flow, and total quantity of oil that could be discharged where experience indicates a reasonable potential for equipment failure.

Source / Container ID	Failure Scenario	Predicted Volume (gal)	Flow Direction / Pathway

6. Containment and Secondary Containment (40 CFR 112.7(c) and 112.8(c)(2))

Describe the secondary containment or diversionary structures provided for each container and bulk storage area. Sized containment must hold the capacity of the largest single container plus sufficient freeboard for precipitation. Document the sizing calculation for each containment area.

Containment Area	Largest Container (gal)	Freeboard / Precipitation Allowance	Containment Capacity (gal)	Adequate? (Y/N)

Bulk Storage Container Drainage of Uncontaminated Rainwater (112.8(c)(3))

Describe the procedure for inspecting and draining accumulated rainwater from diked areas, including the locked-closed condition of drainage valves and the inspection performed before each drainage event.

Rainwater drainage procedure: _____

7. Discharge Prevention and Control Measures

Facility Drainage (40 CFR 112.8(b))

Describe how facility drainage from undiked areas and diked storage areas is controlled to prevent a discharge to navigable waters.

Drainage controls: _____

Bulk Storage Containers (40 CFR 112.8(c))

Describe container compatibility with stored material, secondary containment, corrosion protection, and integrity testing program (see Section 9).

Bulk storage measures: _____

Facility Transfer Operations, Pumping, and Piping (40 CFR 112.8(d))

Describe buried and aboveground piping protections, the inspection of piping and supports, warning signs at loading/unloading areas, and procedures for out-of-service piping.

Transfer and piping measures: _____

8. Inspections, Tests, and Records (40 CFR 112.8(c)(6) and 112.7(e))

Document the inspection and testing program. Maintain signed records for at least three years. Visual inspections of bulk storage containers and integrity testing must follow industry standards (e.g., STI SP001, API 653).

Inspection / Test	Scope	Frequency	Responsible Person	Standard / Reference
Monthly visual inspection	Bulk storage containers, containment	Monthly		112.8(c)(6)
Integrity testing	Aboveground bulk containers			STI SP001 / API 653
Piping inspection	Aboveground piping & supports			112.8(d)(4)

9. Personnel Training and Discharge Prevention Briefings (40 CFR 112.7(f))

Oil-handling personnel must be trained in the operation and maintenance of equipment to prevent discharges, applicable pollution control laws, the contents of this Plan, and general facility operations. The owner/operator must conduct discharge prevention briefings at least once a year.

Designated training coordinator: _____

Training frequency / last briefing date:

_____

Employee / Role	Training Topic	Date Completed	Trainer

10. Facility Security (40 CFR 112.7(g))

Describe how the facility addresses security to prevent unauthorized access and tampering with oil storage and handling equipment.

- Fencing and controlled facility access
- Locking or securing of master flow and drain valves
- Securing of starter controls on oil pumps
- Capping or blank-flanging of loading/unloading connections
- Facility lighting for discharge detection and deterrence

Additional security measures: _____

11. Discharge Response and Notification Procedures (40 CFR 112.7(a)(3))

Describe the actions personnel will take in the event of a discharge, including containment, cleanup, and disposal, and the notifications required. Post emergency contacts where oil is handled.

Notification	Contact	Phone	When to Notify
National Response Center	NRC	1-800-424-8802	Any discharge to navigable waters
State agency			Per state reporting thresholds
Local emergency / LEPC			Per local requirements
Facility response coordinator			Immediately upon discovery
Cleanup contractor			As needed

Report a discharge to the NRC if it reaches navigable waters or, under 112.4, where reporting thresholds (single discharge over 1,000 gallons, or two discharges over 42 gallons each within 12 months) are met.

12. Five-Year Review Log (40 CFR 112.5(b))

Review and evaluate this Plan at least once every five years. Document each review, whether or not amendments were made.

Review Date	Reviewed By	Amendment Needed? (Y/N)	Notes

Plan Amendment Log (40 CFR 112.5(a))

Amend this Plan whenever a change in facility design, construction, operation, or maintenance materially affects the potential for a discharge. PE-certified amendments must be implemented within six months.

Amendment Date	Description of Change	Re-Certified? (PE/Self)	Implemented Date

Maintain This Plan Automatically with Ecesis SPCC Software

Keeping an SPCC plan current as containers, containment, and operations change is where most facilities fall behind. Ecesis SPCC Software generates plan appendices, container inventories, and containment calculations directly from your live facility data, tracks inspection and integrity-testing deadlines, and flags the amendment triggers that require a plan update.

Learn more at ecesis.net/SPCC-Software or call (720) 547-5102.