

# FORT RUCKER

## Environmental Document

### ENV-TA001: SPCC Plan Container Inspection Program (1 October 2017)

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#### 1.0 PURPOSE

This procedure defines the requirements for inspecting SPCC-regulated oil storage containers on Fort Rucker.

Control of environmental procedures is addressed in procedure ENV-P002, *Document Control*.

#### 2.0 SCOPE

This procedure applies to all storage containers 55-gallons or greater containing any type of oil as defined in Title 40 of the Code of Federal Regulations Section 112 (40 CFR 112).

#### 3.0 DEFINITIONS

Term	Definition
ASTs	Aboveground Storage Tanks
Bulk storage container	Any container used to store oil. These containers are used for purposes including, but not limited to, the storage of oil prior to use, while being used, or prior to further distribution in commerce. Oil-filled electrical, operating, or manufacturing equipment is not a bulk storage container.
DPW-ENRD	Directorate of Public Works, Environmental and Natural Resources Division, located in Bldg 1121, telephone number 334-255-1657.
Oil	Oil of any kind or in any form, including, but not limited to: fats, oils, or greases of animal, fish, or marine mammal origin; vegetable oils, including oils from seeds, nuts, fruits, or kernels; and, other oils and greases, including petroleum, fuel oil, sludge, synthetic oils, mineral oils, oil refuse, or oil mixed with wastes other than dredged spoil.

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Term	Definition
Oil-Filled Operating Equipment	Equipment that includes an oil storage container (or multiple containers) in which the oil is present solely to support the function of the apparatus or the device. Oil-filled operational equipment is not considered a bulk storage container, and does not include oil-filled manufacturing equipment (flow-through process). Examples of oil-filled operational equipment include, but are not limited to, hydraulic systems, lubricating systems (e.g., those for pumps, compressors and other rotating equipment, including pumpjack lubrication systems), gear boxes, machining coolant systems, heat transfer systems, transformers, circuit breakers, electrical switches, and other systems containing oil solely to enable the operation of the device.
SPCC Plan	Spill Prevention, Control, and Countermeasures Plan, which addresses the Oil Pollution Prevention requirements in 40 CFR 112

#### 4.0 RESPONSIBILITIES

Role	Responsibility
SPCC Plan Program Manager or Designee	<ul style="list-style-type: none"> <li>• Oversee container inspection program</li> <li>• Conduct quarterly and annual inspections of oil storage containers</li> <li>• Receive and track completed inspection forms from operators</li> </ul>
Operators	<ul style="list-style-type: none"> <li>• Conduct monthly inspections on oil storage containers containing new oil, except emergency diesel generators.</li> <li>• Conduct weekly inspections on emergency diesel generators and oil storage containers containing used oil.</li> <li>• Maintain original of all inspection forms for three years</li> <li>• Submit copies of inspection forms monthly to DPW-ENRD SPCC Plan Program Manager</li> </ul>

#### 5.0 PROCEDURE

##### 5.1 Bulk Oil Containers

5.1.1 Bulk oil container inspections will be completed using USAACE Form 2711, *SPCC Plan Container Inspection Checklist*.

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- 5.1.2 Training on how to complete the inspection checklist for bulk oil containers is provided quarterly by DPW-ENRD. All personnel who complete inspections are required to attend this training course annually.
- 5.1.3 Operators are required to complete inspections monthly for all containers of new oil and weekly for all emergency diesel generators and for all containers of used oil as specified within the SPCC Plan.
- 5.1.4 All containers 55-gallons or greater must be incorporated into the organization's inspection program immediately upon oil being stored in the container. Changes to the volume, location, or type of containers must be coordinated with DPW-ENRD prior to implementation.

#### **5.2 Oil-filled Operating Equipment**

- 5.2.1 Inspections of transformers and hydraulic equipment will be completed using the documentation method that is specific to the type of equipment as specified within the equipment's standard operating procedures.
- 5.2.2 Transformers and hydraulic equipment will be inspected in accordance with technical specifications for the equipment. At a minimum, operators will inspect all containers monthly.
- 5.2.3 Although not classified as a bulk oil storage container, emergency diesel generators equipped with a belly tank will be inspected weekly using USAACE Form 2711, *SPCC Plan Container Inspection Checklist*.

#### **5.3 Annual Inspections**

DPW-ENRD will inspect all ASTs annually in accordance with STI SP001, *Standard for the Inspection of Aboveground Storage Tanks*, using USAACE Form 2728, *STI SP001 Annual Aboveground Storage Tank Inspection Checklist*.

#### **5.4 Quarterly Inspections**

DPW-ENRD will inspect all containers quarterly using USAACE Form 2711, *SPCC Plan Container Inspection Checklist*, for ASTs and emergency diesel generators and USAACE Form 2717, *Environmental Compliance Inspection Checklist*, for oil storage containers that are not ASTs or emergency diesel generators. DPW-ENRD shall notify the operator of the container of deficiencies noted during the quarterly inspection. It is the responsibility of the operator to correct deficiencies noted during the inspection, including submittal and tracking of any necessary work orders or demand maintenance orders.

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#### 5.5 Inspection Reports

Inspection Reports shall be kept on file by the organization completing the inspections for at least three years. Copies of all operator inspections should also be submitted to DPW-ENRD by the 15th of the following month.

#### 6.0 FORMS AND RECORDS

USAACE Form 2711, *SPCC Plan Container Inspection Checklist*

USAACE Form 2728, *STI SP001 Annual Aboveground Storage Tank Inspection Checklist*

Equipment-specific inspection and maintenance records

#### 7.0 REFERENCES

Fort Rucker Spill Prevention, Control, and Countermeasures (SPCC) Plan

ENV-P002, *Document Control*

40 CFR 110 & 40 CFR 112

SPCC Plan Training

STI SP001, Standard for the Inspection of Aboveground Storage Tank