

CHAPTER 18
CARGO TANK CARRIER TERMINAL INSPECTION
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CHAPTER 18

CARGO TANK CARRIER TERMINAL INSPECTION

1. GENERAL. This chapter addresses the inspection of flammable/combustible liquid cargo tanks subject to Division 14.7 VC. This training category does not repeat the Hazardous Material Shipper or Carrier Inspection chapters.

2. CLASSROOM TRAINING.

a. Prior to conducting "hands-on" cargo tank terminal inspections, the MCSTO shall do the following:

(1) Direct the trainees to review the following applicable references. Adequate time should be provided for the completion of this segment of training.

(a) Authorities.

- 1 Authority to regulate cargo tanks (34501(b) VC).
- 2 Authority to inspect cargo tanks (34064 VC).
- 3 Inspection by Department (13 CCR 1160.4(e)).
- 4 Authority to place vehicles out-of-service for hazardous materials deficiencies that would be dangerous to life or property (13 CCR 1160.4(f)).

(b) Policies and Procedures.

- 1 Policy (HPM 84.1, Chapter 1).
- 2 Inspection Procedures and Reports (HPM 84:1, Chapter 2).
- 3 Field Activity Reporting (HPM 84.1, Chapter 3).
- 4 Hazardous Materials Inspections (HPM 84.1, Chapter 4).
- 5 Administration (HPM 84.2, Chapter 1).

6 Hazardous Materials Inspections and Licensing (HPM 84.2, Chapter 10).

(c) Vehicle Code.

1 Division 14.7. Flammable and Combustible Liquids.

a 34000 VC - Legislative Intent.

b 34001 VC - Application of Division.

c 34002 VC - Uniform Regulation.

d 34003 VC - Definitions.

e 34004 VC - Application.

f 34005 VC - Trap Wagon and Spray Rig.

g 34006 VC - Exemption: Wine.

h 34019 VC - Cargo Tanks, Fire Auxiliary Equipment, and Tank Vehicle Regulations.

i 34020.5 VC - Department of Transportation: Regulations.

j 34021 VC - Existing Cargo Tanks.

k 34022 VC - Standards.

l 34060 VC - Inspection.

m 34060.5 VC - Certificate of Inspection.

(d) Title 13, California Code of Regulations (13 CCR), Division 2.

1 Chapter 6, Article 3. General Hazardous Materials Regulations.

a Section 1160 - Application.

b Section 1162.1 - Vehicle Safety Equipment.

c Section 1163 - Shipment Preparation.

1/ (c) - Cargo Tanks that were authorized by Title 19, California Code of Regulations, (19 CCR).

(2) Departmental Training. The MCSTO shall incorporate current departmentally approved Bulk Package training into the classroom training segment. The MCSTO shall ensure the following references are included in the classroom training segment.

NOTE: Contact Commercial Vehicle Section, Training Unit, for current program information.

(a) Title 49, Code of Federal Regulations (CFR 49), Subchapter C.

1 Part 173 - Shippers - General Requirements for Shipments and packaging.

a Subpart B - Preparation of Hazardous Materials for Transportation.

1/ Section 173.32 - Qualification, Maintenance and Use of Portable Tanks.

2/ Section 173.32a - Approval of Specification IM Portable Tanks.

3/ Section 173.32b - Periodic Testing and Inspection of Specification IM Portable Tanks.

4/ Section 173.32c -. Use of Specification IM Portable Tanks.

5/ Section 173.33 - Hazardous Materials in Cargo Tank Motor Vehicles.

6/ Section 173.35 - Hazardous Materials in Intermediate Bulk Containers.

2 Part 180 - Continuing Qualification and Maintenance of Packaging.

a Subpart A - General.

b Subpart D - Qualification and Maintenance of Intermediate Bulk Containers.

c Subpart E - Qualification and Maintenance of Cargo Tanks.

- b. Discuss the referenced material with trainees.
- c. Schedule inspections consistent with this training category.
- d. Review carrier profiles with the trainees.
- e. Review carrier and industry operating practices with the trainees.
- f. Review terminal entry and exit procedures with the trainees.
- g. Review environmental and occupational safety procedures with the trainees.
- h. Review safety equipment requirements pertinent to the level of inspection to be performed.

3. FIELD HANDS-ON TRAINING.

- a. Field training shall be conducted in accordance with Chapter 7.
 - (1) Training should include both specification and non-specification tanks, including portable tanks and intermediate bulk containers (IBCs).