

§ 126.11

33 CFR Ch. I (7-1-11 Edition)

NFPA 13, Standard for the Installation of Sprinkler Systems, 1996 Edition 126.15

NFPA 14, Standard for the Installation of Standpipe and Hose Systems, 1996 Edition 126.15

NFPA 30, Flammable and Combustible Liquids Code, 1996 126.15

NFPA 51B, Standard for Fire Prevention in Use of Cutting and Welding Processes, 1994 Edition .. 126.30

NFPA 70, National Electrical Code, 1996 126.15

NFPA 307, Standard for the Construction and Fire Protection of Marine Terminals, Piers, and Wharves, 1995 Edition 126.15

[USCG-1998-4302, 68 FR 55441, Sept. 26, 2003, as amended at 69 FR 18803, Apr. 9, 2004; USCG-2010-0351, 75 FR 36283, June 25, 2010]

§ 126.11 Waiver authority based on local or unusual conditions.

Whenever the Commandant, the District Commander, or the Captain of the Port finds that the application of any provisions contained in §§126.15 and 126.16 is not necessary to the safety or security of the port and vessels and waterfront facilities therein, or that its application is not practical because of local conditions or because the materials or personnel required for compliance are not available, or because the requirements of the national defense justify a departure from such provision, the Commandant, the District Commander, or the Captain of the Port may waive compliance with such provision, to the extent and under such requirements as they determine.

[CGD 78-023, 44 FR 4643, Jan. 22, 1979]

§ 126.12 How do I request the use of an alternative method of complying with a requirement in this part?

(a) An owner or operator of a waterfront facility may request that the COTP allow the use of an alternative method of complying with a requirement in this part.

(b) The request must establish, to the COTP's satisfaction—

- (1) That compliance with the requirement is economically or physically impractical; and
- (2) That the alternative requested provides an equivalent or greater level of safety.

(c) The COTP examines the request and provides an answer, in writing, within 30 days of receipt of the request.

[USCG-1998-4302, 68 FR 55441, Sept. 26, 2003]

§ 126.13 Designation of waterfront facilities.

(a) Waterfront facilities which fulfill the conditions required in §126.15, unless waived under provisions of §126.11, and only such waterfront facilities are designated for the handling, storing, stowing, loading, discharging, or transporting of dangerous cargo, subject to compliance with other applicable requirements and provisions set forth in this part.

(b) Handling, storing, stowing, loading, discharging, or transporting dangerous cargo at any waterfront facility other than one designated by this section is hereby prohibited, and violation of this prohibition will subject the violator to the civil or criminal penalties provided in section 13 of the Ports and Waterways Safety Act (33 U.S.C. 1232).

[CGFR 57-52, 22 FR 10302, Dec. 20, 1957, as amended by CGD 78-023, 44 FR 4643, Jan. 22, 1979]

§ 126.15 What conditions must a designated waterfront facility meet?

(a) All designated waterfront facilities must meet the following:

(1) *Fire extinguishing equipment.* Fire extinguishing equipment, such as automatic sprinklers, hydrants, hose connections, and firefighting water supplies must be available and maintained in adequate quantities and locations. Fire extinguishing equipment must meet State and local laws. In the absence of applicable State and local laws, fire extinguishing equipment must meet NFPA 10, 13, 14, and 307. (Incorporated by reference, see §126.5.)

(2) *Fire appliances.* The location of all fire appliances, such as hydrants, standpipes, hose stations, fire extinguishers, and fire alarm boxes must be conspicuously marked and readily accessible according to NFPA 10, 13, 14, and 307.

(3) *Warning signs.* Warning signs must be constructed and installed according to NFPA 307, chapter 7-8.7.

(4) *Lighting.* If the facility transfers dangerous cargo between sunset and sunrise, it must have outdoor lighting

that adequately illuminates the transfer work area. The lighting must be installed and maintained according to NFPA 70 (Incorporated by reference, see §126.5.) and must be located or shielded so that it cannot be mistaken for an aid to navigation and does not interfere with navigation on waterways.

(5) *International shore connection.* If the facility conducts cargo operations involving foreign-flag vessels, the facility must have an international shore connection meeting ASTM F-1121. (Incorporated by reference, see §126.5.)

(6) *Access to the facility.* Whenever dangerous cargo is transferred or stored on the facility, access to the facility must be limited to—

- (i) Personnel working on the facility or vessel;
- (ii) Delivery and service personnel authorized to conduct their business;
- (iii) Coast Guard and other Federal, State, and local officials;
- (iv) Local emergency personnel, such as police officers and firemen; and
- (v) Other persons authorized by the owner or operator of the facility.

(7) *Security measures.* Guards must be stationed, or equivalent controls acceptable to the COTP must be used, to deter and detect unlawful entrance; to detect and report fire hazards, fires, and releases of dangerous cargoes and hazardous materials; to check the readiness of protective equipment; and to report other emergency situations at the facility.

(8) *Coast Guard personnel.* At any time, Coast Guard personnel must be allowed to enter the facility to conduct inspections or board vessels moored at the facility.

(9) *Material handling equipment, trucks, and other motor vehicles.* When dangerous cargo is being transferred or stored on the facility, material handling equipment, trucks, and other motor vehicles operated by internal combustion engines must meet the requirements of NFPA 307, chapter 9.

(10) *Smoking.* Smoking is allowed on the facility where permitted under State or local law. Signs must be posted marking authorized smoking areas. “No Smoking” signs must be conspicuously posted elsewhere on the facility.

(11) *Rubbish and waste material.* All rubbish, debris, and waste materials must be placed in adequate receptacles.

(12) *Adequacy of equipment, materials, and standards.* The COTP may determine that any equipment, material, or standard is not reasonably adequate under the circumstances. If so, the COTP informs the owner or operator in writing and provides an opportunity for the owner or operator to have the deficiency corrected.

(b) All designated waterfront facilities that handle dangerous cargo, not in transport units, must also meet the following:

(1) *Arrangement of cargo, freight, merchandise, or material.* Cargo, freight, merchandise, and other items or material on the facility must be arranged to provide access for firefighting and clearance for fire prevention according to NFPA 307, chapter 8-5.

(2) *Portable fire extinguishers.* Each facility must have and maintain, in adequate quantities and locations, portable fire extinguishers that meet the requirements of NFPA 10. These extinguishers must be inspected and maintained in accordance with NFPA 10.

(3) *Electrical systems.* All new electrical equipment and wiring installed on the facility must be of the same type and installed as specified under NFPA 70. All defective or dangerous electrical equipment and wiring must be promptly repaired, replaced, or permanently disconnected.

(4) *Heating equipment and other sources of ignition.* Open fires and open-flame lamps are prohibited on the facility. Heating equipment must meet NFPA 307, chapter 9-4.

(5) *Maintenance stores and supplies.* Hazardous material(s) used in the operation or maintenance of the facility may be stored only in amounts necessary for normal operating conditions. These materials must be stored in compartments that are remote from combustible material; constructed to provide safe storage; and kept clean and free of scrap materials, empty containers, soiled wiping rags, waste, and other debris. Flammable liquids must be stored according to NFPA 30, chapter 4. (Incorporated by reference, see §126.5.)

§ 126.16

(c) All designated waterfront facilities that handle dangerous cargo in transport units must also meet the following:

(1) *Terminal yards.* Terminal yards must conform to the standards in NFPA 307, chapter 5.

(2) *Containers.* Containers packed with dangerous cargo that are vertically stacked must be stacked no more than four high.

[USCG-1998-4302, 68 FR 55441, Sept. 26, 2003]

§ 126.16 Conditions for designating a “facility of particular hazard.”

(a) *Basic requirements.* The facility shall comply with all the conditions in § 126.15 except where specifically waived by § 126.11.

(b) *Warning alarms.* Warning alarms shall be installed at the waterside of such a facility to warn approaching or transiting water traffic of immediate danger in the event of fire or cargo release. Warning alarms shall be of the siren type, or the emergency rotating flashing light type, and be of sufficient intensity to be heard, or seen, a distance of 1 mile during normal facility working conditions. The alarm signal shall not conflict with local municipal prescription.

[CGFR 67-93, 32 FR 20774, Dec. 23, 1967]

§ 126.17 Permits required for handling designated dangerous cargo.

Designated dangerous cargo may be handled, loaded, discharged, or transported at any designated waterfront facility only if a permit therefor has been issued by the Captain of the Port. This permit requirement may be waived, at the discretion of the Captain of the Port, when such cargoes are contained within railroad cars or highway vehicles which are moved on or across a waterfront facility used primarily for the transfer of railroad cars or highway vehicles to or from a railroad or highway vehicle ferry or carfloat; provided such designated cargoes are not removed from, or placed in, the railroad car or highway vehicle while it is in or on such waterfront facility.

[CGFR 58-43, 23 FR 8542, Nov. 1, 1958]

33 CFR Ch. I (7-1-11 Edition)

§ 126.19 Issuance of permits for handling designated dangerous cargo.

Upon the application of the owners or operators of a designated waterfront facility or of their authorized representatives, the Captain of the Port is authorized to issue a permit for each transaction of handling, loading, discharging, or transporting designated dangerous cargo at such waterfront facility provided the following requirements are met:

(a) The facility shall comply in all respect with the regulations in this subchapter.

(b) The quantity of designated dangerous cargo, except Class 1 (explosive) materials shipped by or for the Armed Forces of the United States, on the waterfront facility and vessels moored thereto shall not exceed the limits as to maximum quantity, isolation and remoteness established by local, municipal, territorial, or State authorities. Each permit issued under these conditions shall specify that the limits so established shall not be exceeded.

(c) The quantity of designated dangerous cargo consisting of Class 1 (explosive) materials shipped by or for the Armed Forces of the United States on the waterfront facility and vessels moored thereto shall not exceed the limits as to maximum quantity, isolation and remoteness as established by the Captain of the Port. Each permit issued under these conditions shall specify that the limits so established shall not be exceeded.

[CGFR 53-27, 18 FR 5348, Sept. 3, 1953, as amended by CGD 92-050, 59 FR 39965, Aug. 5, 1994]

§ 126.21 Permitted transactions.

All permits issued pursuant to § 126.19 are hereby conditioned upon the observance and fulfillment of the following:

(a) The conditions set forth in § 126.15 shall at all times be strictly observed.

(b) No amount of designated dangerous cargo, except Class 1 (explosive) materials shipped by or for the Armed Forces of the United States, in excess of the maximum quantity established by local, municipal, territorial, or State authorities shall be present on the waterfront facility and vessels moored thereto.

§ 127.609

(e) Each fire hydrant or standpipe must have at least one length of hose of sufficient length to meet paragraph (a) of this section.

(f) Each length of hose must—

(1) Be 1½ inches or more in diameter and 30.5 meters (100 feet) or less in length;

(2) Be on a hose rack or reel;

(3) Be connected to the hydrant or standpipe at all times; and

(4) Have a Coast Guard approved combination solid stream and water spray fire hose nozzle.

[CGD 78-038, 53 FR 3376, Feb. 7, 1988, as amended at CGD 88-049, 60 FR 39796, Aug. 3, 1995]

§ 127.609 Dry chemical systems.

(a) Each marine transfer area for LNG must have a dry chemical system that provides at least two dry chemical discharges to the area surrounding the loading arms, one of which must be—

(1) From a monitor; and

(2) Actuated and, except for pre-aimed monitors, controlled from a location other than the monitor location.

(b) The dry chemical system must have the capacity to supply simultaneously or sequentially each hose or monitor in the system for 45 seconds.

(c) Each dry chemical hose station must have at least one length of hose that—

(1) Is on a hose rack or reel; and

(2) Has a nozzle with a valve that starts and stops the flow of dry chemical.

[CGD 78-038, 53 FR 3376, Feb. 7, 1988, as amended at CGD 88-049, 60 FR 39796, Aug. 3, 1995]

§ 127.611 International shore connection.

The marine transfer area for LNG must have an international shore connection that is in accordance with ASTM F 1121 (incorporated by reference, see §127.003), a 2½ inch fire hydrant, and 2½ inch fire hose of sufficient length to connect the fire hydrant to the international shore connection on the vessel.

[CGD 88-032, 56 FR 35819, July 29, 1991, as amended by CGD 88-049, 60 FR 39796, Aug. 3, 1995; USCG-2000-7223, 65 FR 40057, June 29, 2000]

33 CFR Ch. I (7-1-11 Edition)

§ 127.613 Smoking.

In the marine transfer area for LNG, the operator shall ensure that no person smokes when there is LNG present.

[CGD 78-038, 53 FR 3376, Feb. 7, 1988, as amended at CGD 88-049, 60 FR 39796, Aug. 3, 1995]

§ 127.615 Fires.

In the marine transfer area for LNG, the operator shall ensure that there are no fires when there is LNG present.

[CGD 78-038, 53 FR 3376, Feb. 7, 1988, as amended at CGD 88-049, 60 FR 39796, Aug. 3, 1995]

§ 127.617 Hotwork.

The operator shall ensure that no person conducts welding, torch cutting, or other hotwork unless that person has a permit from the COTP.

SECURITY

§ 127.701 Security on existing facilities.

The operator shall ensure that any security procedure and arrangement on existing facilities, that were in use when LNG transfer operations were last conducted, be continued and maintained, or upgraded, whenever LNG transfer operations are conducted.

§ 127.703 Access to the marine transfer area for LNG.

The operator shall ensure that—

(a) Access to the marine transfer area for LNG from the shoreside and the waterside is limited to—

(1) Personnel who work at the waterfront facility handling LNG including persons assigned for transfer operations, vessel personnel, and delivery and service personnel in the course of their business;

(2) Coast Guard personnel; and

(3) Other persons authorized by the operator; and

(b) No person is allowed into the marine transfer area for LNG unless that person is identified by a waterfront facility handling LNG-issued identification card or other identification card displaying his or her photograph, or is

§ 127.1507

of resources for firefighting or pollution control. Response and rescue may be performed by facility personnel or by an off-site organization.

(1) If response and rescue are performed by facility personnel, appropriate training and equipment for personnel protection must be furnished to those personnel. Training and equipment that meets 29 CFR 1910.120, hazardous-waste operations and emergency response, will be appropriate.

(2) If response and rescue are performed by an off-site organization, the organization must enter into a written agreement with the facility indicating the services it will perform and the time within which it will perform them to injured or trapped personnel.

(b) [Reserved]

§ 127.1507 Water systems for fire protection.

(a) Each waterfront facility handling LHG must have a supply of water and a means for distributing and applying the water to protect personnel; to cool storage tanks, equipment, piping, and vessels; and to control unignited leaks and spills in the marine transfer area for LHG except when the evaluation required by § 127.1501(a) indicates otherwise. The evaluation must address fire protection for structures, cargo, and vessels. Each water system must include on the pier or wharf at least one 2½-inch supply line, one 2½-inch fire hydrant, and enough 2½-inch hose to connect the hydrant to the vessel.

(b) Each water system must fully and simultaneously supply, for at least 2 hours, all fixed fire-protection systems, including monitor nozzles, at their designed flow and pressure for the worst single incident foreseeable, plus 63 L/s (1000 gpm) for streams from hand-held hoses.

§ 127.1509 Equipment for controlling and extinguishing fires.

(a) Within each marine transfer area for LHG of each waterfront facility handling LHG that transfers a flammable LHG, portable or wheeled fire extinguishers suitable for gas fires, preferably dry chemical extinguishers, must be available at strategic sites, as determined by the evaluation required by § 127.1501(a).

33 CFR Ch. I (7–1–11 Edition)

(b) Fixed systems for extinguishing or controlling fires may be appropriate for protection against particular hazards. The evaluation required by § 127.1501(a) may specify the use of one or more of the following fixed systems:

(1) Low-, medium-, or high-expansion foam.

(2) Dry chemicals.

(3) Water applied as deluge, spray, or sprinkle.

(4) Carbon dioxide.

(5) Other NFPA approved fire extinguishing media.

§ 127.1511 International shore connection.

Each marine transfer area for LHG that receives foreign flag vessels must have an international shore connection meeting the requirements of ASTM F 1121 (incorporated by reference, see § 127.003).

[CGD 88-049, 60 FR 39796, Aug. 3, 1995, as amended by USCG-2000-7223, 65 FR 40057, June 29, 2000]

FIRE PROTECTION

§ 127.1601 Smoking.

Each operator of a waterfront facility handling LHG shall ensure that no person smokes in the marine transfer area for LHG unless—

(a) Neither flammable LHG nor its vapors are present in the area; and

(b) The person is in a place designated and marked in accordance with local law.

§ 127.1603 Hotwork.

Each operator of a waterfront facility handling LHG shall ensure that no person conducts welding, torch cutting, or other hotwork on the facility, or on a vessel moored to the facility, unless—

(a) The COTP has issued a permit for that hotwork; and

(b) The conditions of the permit are met.

§ 127.1605 Other sources of ignition.

Each operator of a waterfront facility handling LHG shall ensure that in the marine transfer area for LHG—

(a) There are no open fires or open flame lamps;