

(2) The rate, maximum working pressure, and minimum working temperature of transfer;

(3) The duties, stations, and watches of each person assigned for transfer; and

(4) The emergency procedures in the examined Emergency Manual;

(d) Ensure that the vessel is securely moored and that the transfer connections allow it to move to the limits of its moorings without placing a strain on the piping, hose, or loading arm used for transfer;

(e) Ensure that each part of the transfer system is aligned to allow the flow of LHG to the desired place;

(f) Ensure the display of the warning signs required by § 127.1113;

(g) Ensure that the requirements of this part concerning smoking and fire protection are met;

(h) Ensure that qualified personnel are on duty in accordance with the examined Operations Manual and §§ 127.1301 and 127.1302; and

(i) Test the following to determine that they are operable:

(1) The communication system required by § 127.1111.

(2) The gas detectors required by § 127.1203.

§ 127.1317 Declaration of Inspection.

(a) Each person in charge of transfer for the facility shall ensure that no person transfers LHG to or from a vessel until a Declaration of Inspection that meets paragraph (c) of this section is executed and signed by both the person in charge aboard the vessel and the person in charge for the facility.

(b) No person in charge of transfer for the facility may sign the Declaration unless that person has fulfilled the requirements of § 127.1315 and has indicated fulfillment of each requirement by writing his or her initials in the appropriate space on the Declaration.

(c) Each Declaration must contain—

(1) The name of the vessel and that of the facility;

(2) The date and time that the transfer begins;

(3) A list of the requirements in § 127.1315 with the initials of both the person in charge aboard the vessel and the person in charge for the facility

after each requirement, indicating the fulfillment of the requirement;

(4) The signatures of both the person in charge aboard the vessel and the person in charge for the facility, and the date and time of signing, indicating that they are both ready to begin transfer; and

(5) The signature of each relief person in charge and the date and time of each relief.

(d) The person in charge of transfer for the facility shall give one signed copy of the Declaration to the person in charge of transfer aboard the vessel and retain the other.

(e) Each operator of a facility shall retain a signed copy of the Declaration at the facility for 30 days after the transfer.

§ 127.1319 Transfer of LHG.

(a) The operator of a waterfront facility handling LHG shall notify the COTP of the time and place of each transfer of LHG in bulk at least 4 hours before it begins.

(b) During transfer, each operator of a waterfront facility handling LHG shall ensure that—

(1) The marine transfer area for LHG is under the supervision of a person in charge certified for transfers of LHG, who has no other assigned duties during the transfer;

(2) The person in charge supervises transfers only to or from one vessel at a time unless authorized by the COTP.

(3) No person transferring fuel or oily waste is involved in the transfer; and

(4) No vessel is moored outboard of any LHG vessel unless allowed by the COTP or the examined Operations Manual of the facility.

(c) During transfer, each person in charge of transfer for the facility shall—

(1) Maintain communication with the person in charge of transfer aboard the LHG vessel;

(2) Ensure that an inspection of the transfer piping and equipment for leaks, frost, defects, and other threats to safety takes place at least once every transfer;

(3) Ensure that—

(i) Transfer of LHG is discontinued as soon as a release or fire is detected in the area or aboard the vessel; and

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(ii) Transfer of flammable LHG is discontinued when electrical storms or uncontrolled fires approach near the area; and

(4) Ensure that the outdoor lighting required by §127.1109 is turned on between sunset and sunrise.

(d) Upon completion of transfer of LHG, each operator of a waterfront facility handling LHG shall ensure that hoses and loading arms used for transfer are drained of LHG residue and depressurized before disconnecting from the vessel.

NOTE TO §127.1319: Corresponding standards for vessels appear at 46 CFR part 154.

§ 127.1321 Release of LHG.

(a) Each operator of a waterfront facility handling LHG shall ensure that—

(1) No person intentionally releases LHG into the environment; and

(2) If a release of LHG or its vapor threatens vessels or persons outside the marine transfer area for LHG, they are notified by the warning devices.

(b) If LHG or its vapor is released, the person in charge of transfer for the facility shall—

(1) Immediately notify the person in charge of transfer aboard the vessel that transfer must be shut down;

(2) Shut down transfer in coordination with the person aboard the vessel;

(3) Notify the COTP of the release; and

(4) Not resume transfer until authorized by the COTP.

§ 127.1325 Access to marine transfer area for LHG.

Each operator of a waterfront facility handling LHG shall ensure that—

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

(1) Personnel who work in the area, transfer personnel, vessel personnel, and delivery and service personnel in the course of their business;

(2) Federal, State, and local officials; and

(3) Other persons authorized by the operator;

(b) Each person allowed into the area is positively identified as someone authorized to enter and that each person other than an employee of the facility displays an identifying badge;

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(c) Guards are stationed, and fences or other devices are installed, to prevent, detect, and respond to unauthorized access, fires, and releases of LHG in the area, except that alternative measures approved by the COTP (such as electronic monitoring or random patrols) will be sufficient where the stationing of guards is impracticable; and

(d) Coast Guard personnel are allowed access to the facility, at any time, to make any examination or to board any vessel moored at the facility.

MAINTENANCE

§ 127.1401 General.

Each operator of a waterfront facility handling LHG shall ensure that all cargo handling equipment is operable, and that no equipment that may cause the release or ignition of LHG is used in the marine transfer area for LHG.

§ 127.1403 Inspections.

(a) Each operator of a waterfront facility handling LHG shall conduct a visual inspection for defects of each pressure relief device not capable of being tested.

(b) The operator shall conduct the inspection required by paragraph (a) of this section at least once each calendar year, with intervals between inspections not exceeding 15 months.

§ 127.1405 Repairs.

Each operator of a waterfront facility handling LHG shall ensure that—

(a) Equipment is repaired so that—

(1) The equipment continues to meet the applicable requirements in this subpart; and

(2) Safety is not compromised; and

(b) Welding and cutting meet NFPA 51B.

§ 127.1407 Tests.

(a) Each operator of a waterfront facility handling LHG shall conduct a static liquid-pressure test of the piping, hoses, and loading arms of the LHG-transfer system located in the marine transfer area for LHG, and shall verify the set pressure of the safety and relief valves—

(1) After the system or the valves are altered;