

§ 127.315

33 CFR Ch. I (7-1-05 Edition)

§ 127.315 Preliminary transfer inspection.

Before transferring LNG, the person in charge of shoreside transfer operations shall—

(a) Inspect the transfer piping and equipment to be used during the transfer and replace any worn or inoperable parts;

(b) For each of the vessel's cargo tanks from which cargo will be transferred, note the pressure, temperature, and volume to ensure they are safe for transfer;

(c) Review and agree with the person in charge of cargo transfer on the vessel to—

(1) The sequence of transfer operations;

(2) The transfer rate;

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

(4) Emergency procedures from the examined *Emergency Manual*;

(d) Ensure that transfer connections allow the vessel to move to the limits of its moorings without placing strain on the loading arm or transfer piping system;

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

(f) Ensure that warning signs that warn that LNG is being transferred, are displayed;

(g) Eliminate all ignition sources in the marine transfer area for LNG;

(h) Ensure that personnel are on duty in accordance with the examined *Operations Manual*; and

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

(1) The sensing and alarm systems.

(2) The emergency shutdown system.

(3) The communication systems.

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

§ 127.317 Declaration of inspection.

(a) After the preliminary transfer inspection under §127.315 has been satisfactorily completed, the person in charge of shoreside transfer operations shall ensure that no person transfers LNG until a Declaration of Inspection that meets paragraph (c) of this section is executed and signed in duplicate.

(b) The person in charge of shoreside transfer operations shall give one signed copy of the Declaration of Inspection to the person in charge of transfer operations on the vessel, and shall retain one signed copy at the waterfront facility handling LNG for 30 days after completion of the transfer.

(c) Each Declaration of Inspection must contain—

(1) The name of the vessel and the waterfront facility handling LNG;

(2) The date and time that transfer operations begin;

(3) A list of the requirements in §127.315 with the initials of the person in charge of shoreside transfer operations after each requirement, indicating that the requirement is met;

(4) The signature of the person in charge of shoreside transfer operations and the date and time of signing, indicating that he or she is ready to begin transfer operations; and

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

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

§ 127.319 LNG transfer.

During LNG transfer operations, the following must be met:

(a) The operator of the waterfront facility handling LNG shall ensure that—

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

(2) Personnel transferring fuel or oily waste are not involved in LNG transfer; and

(3) No vessels are moored outboard of any LNG vessel without the permission of the COTP.

(b) The person in charge of shoreside transfer operations shall—

(1) Be in continuous communication with the person in charge of transfer operations on the vessel;

(2) Ensure that an inspection of the transfer piping and equipment for leaks, frost, defects, and other symptoms of safety and operational problems is conducted at least once every transfer;

(3) Ensure that transfer operations are discontinued—