
Each Operations Manual must contain—
(a) A description of each liquid-transfer system and vapor transfer system, including each mooring area, transfer connection, and (where installed) control room, and a diagram of the piping and electrical systems;
(b) The duties of each person assigned to transfers;
(c) The maximum relief-valve setting or MAWP of the transfer system;
(d) The telephone numbers of supervisors, persons in charge of transfers for the facility, persons on watch in the marine transfer area for LHG, and security personnel of the facility;
(e) A description for each security system provided for the transfer area;
(f) A description of the training programs established under §127.1302;
(g) The procedures to follow for security violations; and
(h) For each LHG handled, the procedures for transfer that include—
(1) Requirements for each aspect of the transfer (start-up, gauging, cooldown, pumping, venting, and shutdown);
(2) The maximum transfer rate;
(3) The minimum transfer temperature;
(4) Requirements for firefighting equipment; and
(5) Communication procedures.


(a) Each Emergency Manual must contain—
(1) For each LHG handled—
(i) A physical description of the LHG;
(ii) A description of the hazards of the LHG;
(iii) First-aid procedures for persons exposed to the LHG or its vapors;
(iv) The procedures for response to a release of the LHG; and,
(v) If the LHG is flammable, the procedures for fighting a fire involving the LHG or its vapors;
(2) A description of the emergency shutdown required by §127.1205;
(3) The procedures for emergency shutdown;

Each operator of a waterfront facility handling LHG shall ensure that—
(a) No transfer is conducted unless the facility has an examined Operations Manual and an examined Emergency Manual;
(b) Each transfer is conducted in accordance with the examined Operations Manual; and
(c) Each emergency response is conducted in accordance with the examined Emergency Manual.

§ 127.1311 Motor vehicles.

(a) When LHG is being transferred or stored in the marine transfer area of a waterfront facility handling LHG, the operator shall ensure that no person—
(1) Stops or parks a motor vehicle in a space other than a designated parking space;
(2) Refuels a motor vehicle within the area; or
(3) Operates a vehicle or other mobile equipment that constitutes a potential source of ignition within 15 meters (49.2 feet) of any storage container, manifold, loading arm, or independent mating flange containing a flammable liquid or vapor.
(b) If motor vehicles are permitted to stop in the marine transfer area for LHG, the operator shall designate and mark parking spaces that—
(1) Do not block fire lanes;
(2) Do not impede any entrances or exits; and
(3) Are not located within 15 meters (49.2 feet) of any storage container, manifold, loading arm, or independent mating flange containing a flammable liquid or vapor.

§ 127.1313 Storage of hazardous materials.

(a) Each operator of a waterfront facility handling LHG shall ensure that no materials listed in the table of hazardous materials under 49 CFR 172.101, except for the following, are stored in the marine transfer area for LHG:
(1) The LHG being transferred,
(2) Fuel required by the vessel, or by emergency equipment in the area,
(3) Oily wastes received from vessels,
(4) Solvents, lubricants, paints and similar materials in the amount required for one day’s operations and maintenance.
(b) The operator shall ensure that flammable liquids not stored in bulk are stored in accordance with Chapter 4 of NFPA 30.

§ 127.1315 Preliminary transfer inspection.

Before each transfer, the person in charge of transfer for the facility shall—
(a) Inspect piping and equipment within the marine transfer area for LHG to be used for transfer and ensure that it meets the requirements in this part;
(b) Determine the contents, pressure, temperature, and capacity of each storage tank to or from which LHG will be transferred, to ensure that it is safe for transfer;
(c) Confer with the person in charge of transfer aboard the vessel, to review and agree on—
(1) The sequence of acts required for transfer;