Coast Guard, DHS

§ 149.130 What are the requirements for manually operated shutoff valves?

Each oil and natural gas transfer line passing through a single point mooring buoy system must have a manual shutoff valve.

§ 149.125 What are the requirements for the malfunction detection system?

(a) Each oil and natural gas system, between a pumping platform complex and the shore, must have a system that can detect and locate leaks and other malfunctions, particularly in high-risk areas.

(b) The marine transfer area on an oil deepwater port must be equipped with a monitoring system in accordance with §154.525 of this chapter.

(c) A natural gas deepwater port must be equipped with gas detection equipment adequate for the type of transfer system, including storage and regasification, used. The Commandant (CG–5) will evaluate proposed leak-detection systems for natural gas on an individual basis.

§ 149.130 What are the requirements for the cargo transfer system alarm?

(a) Each cargo transfer system must have an alarm to signal a malfunction or failure in the system.

(b) The alarm must sound automatically in the control room and:

(1) Be capable of being activated at the pumping platform complex;

(2) Have a signal audible in all areas of the pumping platform complex, except in areas under paragraph (b)(3) of this section;

(3) Have a high intensity flashing light in areas of high ambient noise levels where hearing protection is required under §150.615 of this chapter; and

(4) Be distinguishable from the general alarm.

(c) Tankers calling on unmanned deepwater ports must be equipped with a transfer system alarm described in this section.