

§ 150.417

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at least every other hole of the coupling and in no case less than four bolts;

(4) If using a bolted coupling other than an ANSI standard bolted flange coupling, have a bolt in each hole of the coupling;

(5) Have bolts in each bolted coupling that are all:

- (i) The same size;
 - (ii) Tightened so as to uniformly distribute the load around the coupling; and
 - (iii) Free of any signs of strain, elongation or deterioration; and
- (6) Be made and broken in the presence of and under the direct supervision of the Cargo Transfer Assistant.

§ 150.417 Declaration of inspection.

(a) No person may transfer oil at a deepwater port unless a declaration of inspection has been executed before the start of each oil transfer operation by the Cargo Transfer Assistant and the vessel's officer in charge of cargo transfer.

(b) The declaration of inspection required by paragraph (a) of this section may be in any form but must contain:

- (1) The name of the tanker and berth to which moored;
- (2) The date the oil transfer operation will start;
- (3) Certification by the Cargo Transfer Assistant and the vessel's officer in charge of cargo transfer that the requirements for oil transfer specified in §150.413, and the pre-transfer procedures described in the Operations Manual, have been followed; and
- (4) The signatures of the Cargo Transfer Assistant and the vessel's officer in charge of cargo transfer.

§ 150.419 Stopping transfer operations.

(a) Before stopping the flow of oil during an offloading operation at a deepwater port, the Cargo Transfer Supervisor shall advise the vessel's officer in charge of oil transfer of the intent to do so.

(b) Before stopping the flow of oil during an onloading operation at a deepwater port, the vessel's officer in charge of oil transfer shall advise the Cargo Transfer Supervisor of the intent to do so.

(c) Before disconnecting the hose string from the vessel manifold, the Cargo Transfer Assistant shall ensure that the shut-off valve described in §149.307 of this chapter is secured in the closed position.

(d) Before returning the hose string to the water after disconnection, the Cargo Transfer Assistant shall ensure that the blank flange described in §149.307 of this chapter is secured in place and has:

- (1) Suitable material in the coupling to make a tight seal;
- (2) A bolt in each hole of the coupling; and
- (3) Bolts in the coupling that are all:
 - (i) The same size;
 - (ii) Tightened so as to uniformly distribute the load around the coupling; and
 - (iii) Free of any signs of strain, elongation, or deterioration.

§ 150.421 Displacement of oil in an SPM-OTS with water.

The Port Superintendent shall ensure that the oil in an SPM-OTS is displaced with water, and the valve at the PLEM closed, whenever:

- (a) A storm warning has been received forecasting weather conditions that will exceed the design operating criteria listed in the Operations Manual for the SPM-OTS;
- (b) A vessel is about to depart the SPM because of storm conditions; or
- (c) The SPM is not scheduled for use in an oil transfer operation within the next 7 days.

§ 150.423 Limitations.

No person may transfer oil at a deepwater port:

- (a) Unless a Port Superintendent is on duty at the port;
- (b) During a severe electrical storm in the vicinity of the deepwater port;
- (c) During a fire at the deepwater port, receiving terminal on shore, or aboard a vessel berthed at the deepwater port, unless it is determined by the Port Superintendent that an oil transfer should be resumed as a safety measure;
- (d) Unless there are personnel and equipment at the port, not presently engaged in discharge containment and