

Key:

Division 1   Division 2   Nonclassified

Notes:

- (1) For SI units, 1 in. = 25 mm; 1 ft = 0.3 m.
- (2) The "source of vapor" is the operating envelope and stored position of the outboard flange connection of the loading arm (or hose).
- (3) The berth area adjacent to tanker and barge cargo tanks is to be Division 2 to the following extent:
  - (a) 25 ft (7.6 m) horizontally in all directions on the pier side from the portion of the hull containing cargo tanks.
  - (b) From the water level to 25 ft (7.6 m) above the cargo tanks at their highest position.
- (4) Additional locations can be classified as required by the presence of other sources of flammable liquids on the berth, or by Coast Guard or other regulations.

FIGURE 515.3 Area Classification for a Marine Terminal Handling Flammable Liquids. [30:Figure 29.3.22]

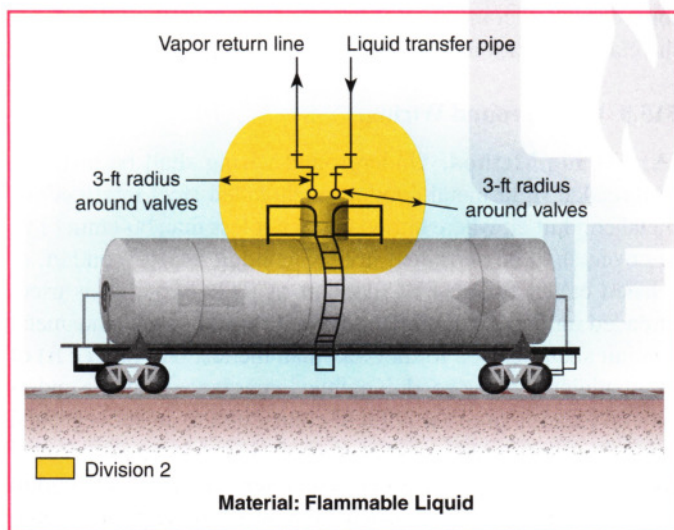


EXHIBIT 515.1 Tank car/tank truck loading and unloading via closed system with transfer through dome only.

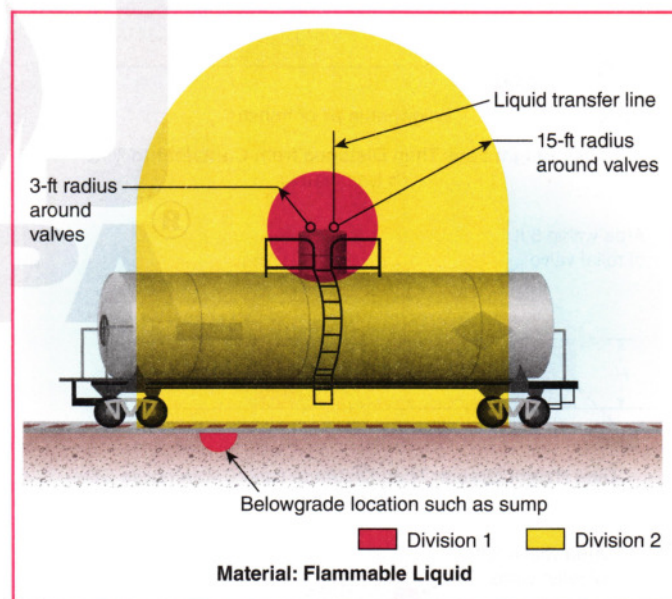


EXHIBIT 515.2 Open system with top or bottom product transfer.

Exhibits 515.1 and 515.2 depict the classification difference between using a closed and an open transfer system on a tank car.

- Δ **515.4 Wiring and Equipment Located in Hazardous (Classified) Locations.** All electrical wiring and equipment within the hazardous (classified) locations specified in 515.3 shall comply with the applicable requirements of Table 515.2.

### 515.7 Wiring and Equipment Above Hazardous (Classified) Locations.

- Δ **(A) Fixed Wiring.** All fixed wiring above hazardous (classified) locations shall comply with 501.10(B) or 505.15(C), as applicable.
- Δ **(B) Fixed Equipment.** Fixed equipment that might produce arcs, sparks, or particles of hot metal, such as lamps and