housing and manway cover must conform to the Chlorine Institute, Inc., Dwg. 137–5 (IBR, see §171.7 of this subchapter).

(e) Piping and fittings. Piping and fittings must be grouped in the smallest practicable space and protected from damage as required in this section.

(f) Shear section. A shear section or sacrificial device is required for the valves specified in the following locations:

1. A section that will break under strain must be provided adjacent to or outboard of each valve specified in §178.337–8(a)(3) and (4).

2. Each internal self-closing stop valve, excess flow valve, and check valve must be protected by a shear section or other sacrificial device. The sacrificial device must be located in the piping system outboard of the stop valve and within the accident damage protection to prevent any accidental loss of lading. The failure of the sacrificial device must leave the protected lading protection device and its attachment to the cargo tank wall intact and capable of retaining product.

§ 178.337–11 Emergency discharge control.

(a) Emergency discharge control equipment. Emergency discharge control equipment must be installed in a liquid discharge line as specified by product and service in §173.315(n) of this subchapter. The performance and certification requirements for emergency discharge control equipment are specified in §173.315(n) of this subchapter and are not a part of the cargo tank motor vehicle certification made under this specification.

(b) Engine fuel lines. On a truck-mounted cargo tank, emergency discharge control equipment is not required on an engine fuel line of not more than 3/4 NPT equipped with a valve having an integral excess flow valve or excess flow feature.

[64 FR 20650, May 24, 1999]