

Table 9.11: Foam Sprinkler/ Deluge/ Pourer System Requirements

ITEMS	REQUIREMENTS
14. FOAM WATER DELUGE SYSTEM	<ul style="list-style-type: none"> i. The foam Water Deluge System shall comply with Section 3.8. Deluge Water Spray System. ii. The system piping shall be hydraulically designed to obtain a reasonably uniform foam and water distribution and to allow for the loss of head in water supply piping. iii. an automatic Fire detection in compliance with Chapter 8. Fire Detection and Alarm System shall be used for fixed systems except for certain outdoor situations where manually triggered systems can be acceptable based on hazard evaluation. iv. A minimum of 3% foam-water solution shall be discharged. v. A piping carrying foam solution shall be sized as if carrying plain water. vi. The foam Water Deluge System shall have provision for manual operation.

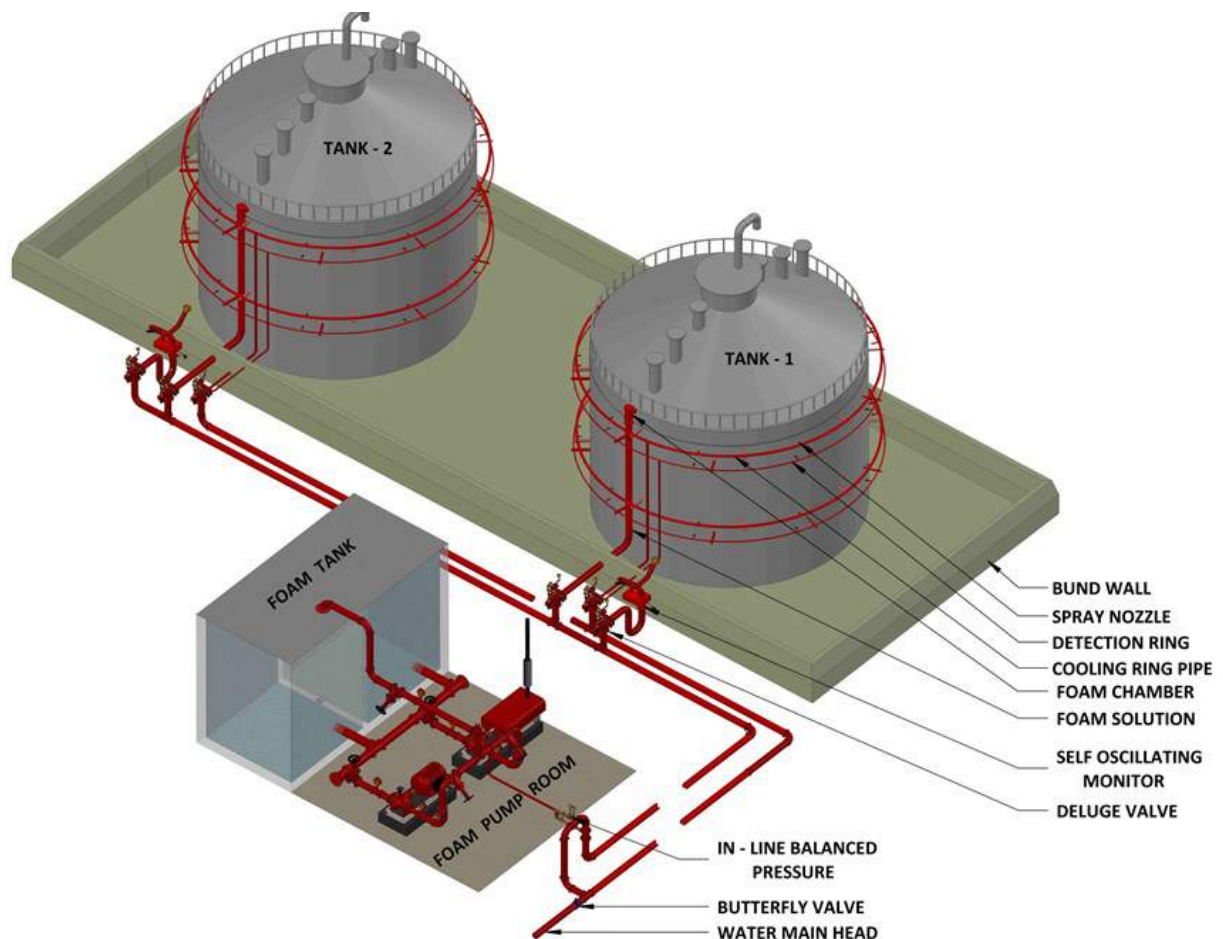


Figure 9.34.: Typical Foam Water Deluge System for Flammable Liquid Storage