



CONTRA COSTA COUNTY FIRE PROTECTION DISTRICT

FPS

F.D. Permit Number _____

Date _____

Description of Work: _____

Project Name: _____ Address: _____

Suite: _____ City: _____ Zip: _____

Contractor: _____ Contractor's License/Type #: _____

Address: _____ City: _____ State: _____ Zip: _____

Contact Person: _____ Phone No. (): _____ Email: _____

OFFICE USE ONLY: DO NOT COMPLETE BELOW THIS LINE

The Fire District has reviewed the proposed **FOAM PIPING SYSTEM** plans for the project facility. Our review is to ensure compliance with the minimum code requirements related to fire and life safety as set forth in the 2022 California Fire Code and the 2021 NFPA 11. The following selected comments shall apply to this project:

This submittal is known to us as a _____ type tank, with _____ (class _____ combustible/ flammable liquid). The tank is reported to be _____ ft in diameter and _____ ft tall. There are _____ proposed foam chambers/pourers located equidistant on the tank. The foam demand is _____ GPM x _____ SQFT. The system requires a minimum supply of _____ gallons of foam delivered for _____ minutes at _____ % dilution. The total water demand is _____.

- Isolation valves shall be installed and in accordance with NFPA 11 (2016 edition) Section 5.2.5.1.2.1.
- All hot work shall be done in accordance with the 2022 edition of the CFC.
- Weld certificates shall be made available at the hydrostatic test.
- Provide documentation of the current annual inspection per Chapter 12 of NFPA 11 on the foam storage and delivery system. (if applicable)
- Maintain the foam system in accordance with NFPA 11, Chapter 12.
- At least annually, all foam systems shall be thoroughly inspected and checked for correct operation. The inspection shall include performance evaluation of the foam concentrate. (12.1) NFPA 11
- Strainers shall be inspected in accordance with manufacturer's instructions and shall be cleaned after each use and flow test. (12.4) NFPA 11
- At least annually, an inspection shall be made of foam concentrates and their tanks or storage containers for evidence of excessive sludging or deterioration (12.6.1) NFPA 11

Fee computed by: _____ Amount Due: \$ _____

Received by: _____ Amount Received: \$ _____

Cash Credit Check No. _____ Invoice No. _____

