



Combat Support Products, Inc.
Special Operations Training And Consulting
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Foam Technician Level III A day Behind The Fence

Prerequisite training: Foam Technician Levels I & II

What command officers and firefighters should know about operations at fuel terminal tank farms, rail, marine and trans-load facilities.

Requires our site survey (preplan) of participating target facility four to six weeks in advance of program delivery.

Survey Objectives:

1. Identify and familiarize firefighters and officers with site's pre-engineered fire protection systems components, their operation and limitations.
2. Identify unprotected hazards and assist in the development of action plans for incipient and full scale fire or catastrophic spills.
3. Develop a site specific multi-media presentation that explains the how-to's of fire protection system operations and alternatives due to failures.

Program delivery - Seven Contact Hours

- a. Develop firefighting strategies for Type III foam applications and critical cooling streams with consideration for reach and range complications caused by terrain, proximity to population, prevailing weather and or the initial fire circumstance.
- b. Problem solving exercises dealing with logistic support for systems challenged loading racks, pipe alleys, marine piers, storage tank fires and un-ignited spills.
- c. Calculating foam and water needs for spill or in-depth (storage tank) fires.
- d. Discuss environmental consequences associated with mass water and foam applications at long life fire or spill security events.
- e. Day finishes with a tour of target fuel terminal keying on facility firefighting systems and risks associated with loading rack, process area and storage mishaps.

Program content contributed by fire protection engineers, seasoned industrial fire fighting specialists, fixed system design consultants, specialty fire apparatus and appliance design professionals.

Jim Cottrell, of Cottrell Associates, Inc. has been a National Foam factory agent and product development consultant since 1988. His Combat Support Products division manufactures specialty foam firefighting equipment, conducts high hazard risk assessments and special ops. training for industrial, marine and municipal fire markets.

Jim chairs the IFSTA Foam Technical Committee and a member of the Underwriters Laboratories, Foam Standards Technical Panel. He has written extensively on the subject of firefighting foam chemicals, large caliber fire stream, water supply management and foam applications for municipal and industrial firefighting.

