



Ethanol Seminar / Foam Tech

Presented by Jim Cottrell

Register and attend one of the following 3 classes by clicking on the class link:

Monday March 19, 2012 – Fallston VFAC – 1800 hours

<http://ethanolseminarmarch19.eventbrite.com>

Tuesday March 20, 2012 – Bel Air VFC – 1800 hours

<http://ethanolseminarmarch20.eventbrite.com/>

Saturday March 24, 2012 – Level VFC – 0900 hours

<http://ethanolseminarmarch24.eventbrite.com/>

Monday and Tuesday evenings are 4 hour compressed versions of the 6 hour full class on Saturday



Program Focus:

What firefighters should know about E-95, E-85, and E-15 ethanol gasoline blends.

Managing ignited and unignited spills involving the above hazardous fuels on incident of both accidental and intentional.

Foam proportioning and delivery appliances.

- Issues relating to on board foam systems where alcohol resistant foams are in use, or being converted to.
- Aerating foam appliances are now recommended for fuel spill security where ARAFFF is in use. Jim will share the do and don'ts of operating with alcohol resistant foams.

Managing environmental issues associated with the use of water and foam as relates to long term scene security.

Ethanol and ethanol gasoline blends are the most transported hazmat commodities on the nation's rails, highways and waterways, and can pose a threat to homeland security both accidentally and intentionally, as a tanker of ethanol can easily be stolen and used as a bomb or weapon of mass destruction. Firefighters should know how to handle ethanol fires since they are very different from typical flammable liquid fires.



The Speaker: Jim is Chairman of the IFSTA Foam Training 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 management and foam application for municipal and industrial firefighting. Jim is an accomplished investigator, speaker and a nationally recognized instructor / lecturer.

Classes: Monday and Tuesday are 4 hour classes with a 30 minute demo and unlimited class size. Saturday is a 6 hour class with lunch & 2 hours of hands on - limited to the first 50 registered students. Minimum PPE – helmet, gloves, & eye protection.

Sponsored by the Harford County Training Committee and the Harford County Hazmat Team