2020 Pennsylvania State Fire Academy On The Road Programs

Natural Gas Vehicles and Fueling Stations for First Responders (NGVF)
Hours:  6
MCFA # 9001

This program introduces the different types of gaseous (CNG, LNG, LPG) fueled vehicles, fueling stations and the fueling station safety systems. During the class, first responders will learn how to recognize CNG, LNG, and LPG, their properties, current gaseous fuel vehicles and natural gas vehicle components. The class also reviews how first responders should approach and assess a natural gas vehicle or fueling station incident, required personal protective equipment for responding to an incident, general firefighting measures, and extrication.

Responding to Ethanol Incidents (RTEI)
Hours:  7
MCFA # 9002

This 1-day program utilizes curriculum from the International Association of Fire Chiefs that covers a range of issues including ethanol and blended fuels, transportation of ethanol blended fuels, storage, dispensing and firefighting foam principles for ethanol blended fuels. Traditional methods of firefighting against hydrocarbon (gasoline) fires have been found to be ineffective against these polar solvent-type (ethanol-blended) fuels so new tactics must be utilized.