

AFV Fueling, Repair, and Conversion Facility Training

Developed by the National Alternative Fuels Training Consortium in conjunction with the U.S. Department of Energy Clean Cities Program, this classroom training explores the various fuels, their properties and origins, how these vehicles differ from conventionally fueled vehicles, and the proper procedures to follow when dealing with alternative fuel or advanced technology vehicles.

After completing this course, you will be able to:

- Discuss the importance of alternative fuel and advanced technology vehicles.
- Properly design and operate alternative fuel vehicle repair, conversion, and storage facilities.
- Discuss the codes and standards that govern alternative fuel vehicle repair and maintenance facilities.
- Identify the Authorities Having Jurisdiction that govern the design and operation of alternative fuel vehicle repair and maintenance facilities.
- Discuss the proper procedures for handling an alternative fuel spill, leak, or fire.
- Name personal protective equipment needed when interacting with an alternative fuel vehicle.

Did you know...

There are
more than
20,000
alternative fuel stations
in the U.S.

Source: Alternative Fuels Data Center

There were
more than
22.8 million
alternative fuel passenger/
light duty vehicles on U.S.
roads in 2015.

Source: Energy Information
Administration

AFV batteries and
fueling components are
often in different locations
than in conventional
vehicles.

Source: National Alternative Fuels
Training Consortium

For more information contact:

Clean Cities Coalitions





AFV Fueling, Repair, Maintenance, and Conversion Facility Training (classroom)

Gaseous Fuels | Electric Drive | Biofuels



Alternative fuel vehicles (AFVs) are becoming more common on our nation's roadways. With increased vehicle use, more and more of these vehicles will require fueling, repair, and maintenance. As a manager or supervisor of a fueling, repair, maintenance, or conversion facility, you should be aware of the characteristics of AFVs and electric drive vehicles (EVs) to ensure your safety and that of those working with you.

Alternative fuel vehicle fueling, repair, maintenance, and conversion facility personnel require specialized training to educate them about the safe and effective procedures necessary to work on AFVs and EVs. Objectives of the AFV Fueling, Repair, Maintenance, and Conversion Facility Training include proper design and operation strategies for facilities dealing with AFVs and EVs, codes and standards for AFV and EV facilities, and proper protective equipment and procedures for shop incidents involving these vehicles.



Are you seeing more alternative fuel and electric drive vehicles in your facility? Is your shop prepared to deal with these vehicles?



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