

ALTERNATIVE ENERGY AND EMERGENCY RESPONSE TRAINING PROGRAMS

The following Alternative Energy and Emergency Response programs are provided FREE of charge by the Pennsylvania State Fire Academy.

1. **“Wellsite Emergency First Responder” (WEFR)** – 6 hours: This FREE program describes the activities that are normally a part of a Marcellus Shale Gas Field project and some of the emergencies that could occur at or near the site. Subjects include well site selection and preparation, rigging up and well construction, completing the well and rigging down, the production phase including typical equipment found on a pad in production, and the role of the emergency responder. Past emergency incidents from gas pads are reviewed and discussed.
2. **“Wellsite Production Phase Emergencies” (WPPE)** – 2 hours: *PRIMARILY FOR PERSONS THAT PREVIOUSLY ATTENDED THE 4-HOUR WEFR CLASS.* This FREE program describes additional activities that are normally a part of a Marcellus Shale Gas well in the production phase, and some of the emergencies that could occur at or near a gas well site. Subjects include the typical equipment seen in the production phase at a well site, emergency incidents that have occurred at or near sites, and the role of the emergency responder.
3. **“Firefighting at Shale Gas Emergencies” (FSGE)** – 16 hours: Students attending this FREE course will become familiar with the history of drilling and shale layers in PA, well site emergencies, extinguishing agents, firefighting techniques, and the roles and responsibilities of first responders. Classroom delivery includes our “Wellsite Emergency First Responder” class as well as additional information. Outside activities on Day 2 include a gas industry vehicle demonstration/explanation, hose line drills, and **live-fire** exercises including foam application.
4. **“Responding To Ethanol Incidents” (RTEI)** – 7 hours: This FREE class utilizes curriculum from the International Association of Fire Chiefs that covers a host of issues, including ethanol and blended fuels, transportation of ethanol blended fuels, storage and 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.
5. **“Foam – Ethanol Technician Level I” (FEUT)** – 8 hours: This FREE program covers a host of issues, including foam equipment, foam application, types of foam and provides an opportunity to utilize the latest foam equipment. This class is an excellent follow-up program to the *“Responding To Ethanol Incidents” (RTEI)* Class but can be scheduled as a stand-alone program.

6. **“Pipeline Emergencies Awareness Training” (PEAT)** - 4 hours: Students attending this FREE program will easily identify the key players who may respond to a pipeline emergency, primary causes of pipeline incidents, and basic pipeline operations.
7. **“Pipeline Emergencies Operations Training” (PEOT)** - 8 hours: This FREE program will identify the key players who may respond to a pipeline emergency, primary causes of pipeline incidents, basic pipeline operations, properties of products transported via pipelines, as well as pipeline markers and the types of pipelines. Numerous scenarios are used to challenge attendees.
8. **“WWCI Hazardous Materials Technician” (WWHMT)** – 40 hours: This 5-day class will help to prepare responders to be in charge of a hazmat incident, to organize and direct an effective response, to develop the Responders’ ability to pre-plan for Hazmat Emergencies, improve the capability of their internal response organization and inform Responders of the regulatory requirements governing management of hazmat incidents. This course complies with OSHA 29 CFR 1910.120(q). This class does not include certification testing.
9. **“WWCI Hazardous Material Technician Refresher” (WWHMTR)** – 16 hours: This 2-day course covers the skills and competencies that are required to be successful in the role of a hazardous materials technician in gas field emergencies. Students receive the critical knowledge to safely respond to multiple types of hazardous materials emergencies. Course topics cover aspects ranging from role definition on to implementing contingency plans. This course complies with OSHA 29 CFR 1910.120(q). This class does not include certification testing.

All classes are free, with the exception of the Hazardous Materials Technician and Technician Refresher training classes. ***Fees for the 40-hour Technician and the 16-hour Technician Refresher class are based on the following criteria:***

“Individuals who are active Hazardous Materials Technicians (First Responders); or members of a certified Hazardous Materials Team; or who are identified as business and industry Hazardous Materials Technicians who are involved in transportation and on-site emergency response will not be charged a fee. All other individuals will be charged a \$250.00 fee for technician class and \$100.00 fee for the technician refresher class”.

To schedule any class please contact Lou Ann May at 717-247-3753 or at lomay@pa.gov . If you have any questions or need additional information, please contact Lou Ann May, or Patrick Pauly at 717-247-3750 or ppauly@pa.gov .