



HazMat Liquid Pipeline & Industrial Fire Emergencies

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Training for Emergency Response Personnel located near ExxonMobil assets

Priority will be given to applicants from the following counties: Brazoria, Burnet, Chambers, Coke, Colorado, Concho, Ector, Fayette, Fort Bend, Glasscock, Harris, Jefferson, Lee, Liberty, Loving, McCulloch, Midland, Runnels, San Saba, Sterling, Tom Green, Ward, Washington, Wharton, Williamson, Winkler

Course Information

June 27–28, 2020

September 26–27, 2020

December 5–6, 2020

HazMat Pipeline Course Video:
<http://bit.ly/EXXONvideo>



Brayton Fire Training Field | College Station, TX



Texas A&M Engineering Extension Service

Emergency Services Training Institute | TEEX.ORG/ESTI



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TEEX.ORG/ESTI

HazMat Liquid Pipeline and Industrial Fire Emergencies

This two part course includes classroom studies targeted to a specific tactical approach at handling industrial emergency incidents and practical hands-on live fire exercises to introduce and reinforce the tactical methods required to mitigate an industrial emergency incident.

Course Overview

DAY 1: Pipeline Awareness and Operations custom class will cover liquid pipeline operations including terminology, pipeline equipment, pipeline operations, and the unique hazards of pipeline transportation. This class will include live hands-on drills and scenarios.

- Types of pipeline markers & key information located on a pipeline marker
- Pipeline right-of-way and basic design & construction features of a pipeline system
- Common types of refined petroleum products transported in pipelines, basic physical and chemical properties associated with liquid gases, physical and chemical properties for specific petroleum products
- Basic principles of liquid transmission pipeline operations and Indicators of a leaking liquid pipeline
- Types of aboveground petroleum storage tanks and safety features found at cargo tank truck loading racks

DAY 2: Live fire training in **Industrial Emergencies for Municipal-Based Responders** custom class focuses on responding and controlling gas and liquid fueled fires. This class is designed to teach strategic and tactical requirements to properly handle, either defensively or offensively, an industrial emergency incident with the resources provided.

- Live Fire topics to be covered: scene size up, fire behavior, response strategies and tactics, proper cooling using master streams, pressure and non-pressure tanks, fully involved tank fires, proper capture and control methods, pipeline fires and emergencies, exposure protection, foam calculation and application in regards to, liquid spill fires and fixed/bulk storage.
- Live Fire hands-on: The practical hands-on exercises will introduce and reinforce the tactical methods required to mitigate an industrial emergency incident. This course provides a unique opportunity for municipal emergency response personnel to apply specific strategies and tactics for the assessment, management and control of industrial emergency incidents through simulated and live liquid fueled fire activities.

Target Audience

This course is presented in partnership with ExxonMobil for the purpose of training firefighters who may respond to ExxonMobil assets. Following 3 successful sessions in 2019 and 2020, ExxonMobil is continuing its support by offering three more classes with the goal of training a total of 300 first responders by the end of the 2020. Responders will receive valuable knowledge they will need to help protect their communities and families in the event of an industrial type emergency.

Course Length, Location, and Dates

Two full days: 16 hours

2020 Class dates: JUNE 27–28 • SEPT 26–27 • DEC 5–6

Location: Classes will be held at Brayton Fire Training Field in College Station, Texas

Fees

The course fees will be paid for by ExxonMobil and include tuition, lodging for night of arrival and first night of class, breakfast, lunch, and dinner for class participants on both class days. The student will be responsible for travel costs and any additional lodging needed.

Course Requirements

Student is required to bring NFPA 1971 compliant structural bunker gear and follow all rules found in the Student Safety Handbook at [TEEX.org/FireSafety](https://www.teex.org/FireSafety). No shorts, sleeveless shirts, or open-toed shoes are allowed in class or field activities.

All participants should complete NASFM's Hazardous Materials Technician course found at <https://nasfm-training.org/pipeline>.

Register Online

JUNE 27–28, 2020

<http://www.bit.ly/EXXONJun>



SEPT 26–27, 2020

<http://www.bit.ly/EXXONSep>



DEC 5–6, 2020

<http://www.bit.ly/EXXONDEC>

