



COLORADO

Division of Fire Prevention & Control

Department of Public Safety

Hazardous Materials Training Courses 2022 ALL CLASSES START AT 08:00

HAZMAT IQ: ABOVE THE LINE BELOW THE LINE

1 Day Class (April 23rd)

Golden Fire Department Station 1
[911 10th St, Golden](#)

or

1 Day Class (May 2nd)

Berthoud Fire Department
[275 Mountain Ave, Berthoud](#)

The HazMatIQ system incorporates trademarked innovative street smart "Cheat Sheets" that enable responders to safely and efficiently respond to any known or unknown chemical or mixture. Students taking this course will be able to size-up (physical state, hazards, initial hot zone, correct meters and PPE) any chemical in minutes. The system then coaches responders through a streamlined chemical research method to verify their initial size-up, preparing responders to immediately go to work when they arrive on a Hazardous Materials/WMD event.

PROPANE IQ

2 Day Class (April 30th - May 1st)

Dolores Fire Protection District
[47 Central Ave, Dolores](#)

Propane emergencies remain one of the most common, and most deadly, hazmat incidents responders face. To date, over 25 responders have been killed at propane emergencies. This 16 hour course will

prepare responders to safely mitigate a propane emergency, including tactical considerations, container assessment, leak control options, and flaring operations. Each student will receive a set of Propane IQ Smart Charts with a diagram of each propane vessel, along with potential countermeasures for each leak point.

BUNKER GEAR w/ SCBA REQUIRED FOR DAY 2

Day 1: Propane Behavior and DOT Propane Cylinders

Day one is an 8 hour training day, and is 50% hands on. Classroom will include interactive lecture, PowerPoint presentation, video case studies, and tactical discussions. Practical will include propane behavior demo, DOT cylinder anatomy, and propane hardware/valve identification challenge

Day 2: ASME Propane Tanks and Flaring Operations

Day two is an 8 hour training day, and is 50% hands on. Classroom will include interactive lecture, Powerpoint presentation, video case studies, and tactical discussions. The practical session will include anatomy of ASME tanks, followed by practical skill stations for leak control and flaring. Flaring skill station will include accessing propane vessels, proper fl are set up, safety guidelines, and flaring liquid vs vapor.

HAZARDOUS MATERIALS TECHNICIAN COURSE*

2 Week Course (June 20th - July 1st)

Fort Lupton Fire Department

[2999 9th St, Fort Lupton](#)

The goal of this 80 hour course is to bring personnel to, at a minimum, the recognized NFPA 472 Hazardous Materials Technician level. First responders at the technician level are individuals who respond to releases or potential releases for the purpose of stopping the release. They assume a more aggressive role than a first responder at the operations level in that they will approach the point of release in order to plug, patch or otherwise stop the release of a hazardous substance.

HAZARDOUS MATERIALS SAFETY OFFICER

2 Day Class (July 13-14)

Colorado State Patrol

[15065 S Golden Rd, Golden](#)

This course prepares the Hazardous Materials Technician to fulfill the roles and responsibilities required of the position in the Incident Command System in response to hazardous materials incidents. In addition, it will assist in preparing an overall hazardous materials response management program and protocols. The Hazardous Materials Safety Officer position within the Incident Command System is a required position when responding to a defined hazardous materials incident. The person filling this role must possess the training, experience, and education, and shall be defined as a Hazardous Materials Technician in accordance with 29 CFR 1910.120(q).

This educational course is based on the requirements spelled out in 2008 NFPA 472 and will provide the participant with the education needed to successfully perform at a hazardous materials incident as a HazMat Safety Officer. By law, technicians can only be appointed Hazmat Safety Officer; however any person interested in hazardous materials safety, or involved in program management, will take great interest in the concepts, objectives and curriculum within this course and is encouraged to attend.

HAZARDOUS MATERIALS AIR MONITORING COURSE

2 Day Class (July 25th - 26th)
City of Fountain Fire Department
[811 N Santa Fe Ave, Fountain](#)

This course is geared towards emergency response personnel who wish to acquire working knowledge and skills related to the use of and interpretation of information provided by hazardous materials air monitoring equipment. Upon completion of the course, the student will possess skills and competencies in making decisions as to selection, equipment limitations, interpretation of data, and sample collection for lab analysis. This class includes hands-on field exercises using skills and knowledge obtained in this course. Students will work in small groups to ensure maximum involvement and participation in the class. The experience will heavily involve live application of the material learned during this exciting 16-Hour course.

COMPUTER AIDED MANAGEMENT OF EMERGENCY OPERATIONS (CAMEO) FOR FIRST RESPONDERS

3 Day Class (June 20th - 22nd)
Pikes Peak Regional Office of Emergency Management (OEM)
[3755 Mark Dabling Blvd, Colorado Springs](#)

This course is designed for those wishing to utilize the CAMEO software suite (CAMEO Chemicals, CAMEOfm, MARPLOT and ALOHA) for all-hazards emergency planning and response. It is recommended (but not required) that all participants have some experience with data entry to the CAMEO and/or MARPLOT software applications. Linkages between the CAMEO programs and other software applications (Google Earth, EXCEL, WORD and ArcGIS) are explored in depth. Participants learn methods to transfer large amounts of data between CAMEOfm and EXCEL, as well as transferring mapping data into MARPLOT from shapefiles and spreadsheets. Each student will receive a pdf file of the three ALOHA Technical Documents, which are used to supplement the course material. Instruction is accomplished by exploring various chemical release scenarios taken from actual events.

Agency *

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First Name *

Last Name *

Email *

Phone *

Last 4 Numbers of SSN *

Date of Birth *

80120

01/01/2001

Street Address *

*If you are registering for a Hazmat Tech Class your text book sent will be sent to this address

City *

State *

ZIP Code *

CO

-Please Select Your Class(es) *

- ☐ **HM IQ Above the Line, Below the Line** (April 23) Golden Fire Department, 911 11th Ave, Golden
- ☐ **HM IQ Above the Line, Below the Line** (May 2) Berthoud Fire Protection District, 275 Mountain Ave, Berthoud
- ☐ **HM Propane IQ** (April 30 – May 1) Dolores Fire Protection District, 47 Central Ave, Dolores
- ☐ **HM Technician** (June 20 – July 1) Fort Lupton Fire Department, 2999 9th St, Fort Lupton
- ☐ **HM Safety Officer** (July 13 – 14) Colorado State Patrol, 15065 S Golden Rd, Golden
- ☐ **HM Air Monitoring** (July 25 – 26) City of Fountain Fire Department, 811 N Santa Fe Ave, Fountain
- ☐ **CAMEO for First Responders** (June 20 – 22) Pikes Peak Regional Office of Emergency Management, 3755 Mark Dabling Blvd, Colorado Springs

You will receive a registration confirmation email upon submitting your application.

*HazMat Technician may require state certification prerequisites (or equivalent).

Please contact Lisa Pine, DFPC with any questions:

lisa.pine@state.co.us or (303) 239-5879

Submit