



New Jersey State Police
Homeland Security Branch
Special Operations Section
Hazardous Material Response Unit



Emergency Medical Operations Course
Course # 06013 3rd Edition

Purpose:

The course purpose is to give the students the knowledge and skills to:

- Respond safely and efficiently to Hazmat incidents at their level of responsibility and training.
- Continue with Hazmat on the job training at their level.
- Develop and participate in Hazmat response exercises at their level of training.

Emergency Medical Operations course is designed and intended for Emergency Medical Service, Fire departments, and similar groups to respond to, operate at and perform critical and essential care of the injured from a hazardous materials release. It will involve the planning, training, triage, decontamination, rehabilitation, transport and termination of the EMS Branch or function.

Goal:

The participants will have the competencies specified for the Awareness trained First Responder by OSHA, PEOSHA, and NFPA 472-02.

1. The goal is for those persons who, in the course of their duties, may witness or come upon a scene of a hazardous materials incident. (E.g., Police, Firefighters, EMS personnel, public works field inspector's and OEM person not familiar with HazMat. Response etc.) Course covers basic recognition, proper defensive actions that need to be taken and use of the DOT Emergency Response Guidebook (ERG). Covers the basic laws and regulations in New Jersey as well how, when to call for assistance. This course provides compliance in the OSHA regulations and the NJ PEOSH requirements.

OSHA Level 2 training –Emergency Medical Operations (EMO) 06013 (16 hrs.)

Pre-requisites

- Attendees must have attended NJSP HMRU Haz. Mat. Awareness (06007) course or other equal that describes the hazards associated with hazardous materials.
- Copy of Fit test or letter from department stating fit test was performed on specific date for:
 - APR and SCBA
- EMT or ALS certification is recommended, but not required.
- NJSP HMRU CBRNE Awareness (06085) is highly recommended, but not required.
- NIMS Training (I-100, I-200, & I-700) is highly recommended, but not required for this specific course.

Class Length

- Class length is 16 hours.
- Class will start on time 0800 hrs each morning and depart on time.
- Program delivery can arranged for evenings or multiple time meetings

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Topics

Module 1 Foundation

- Pre-planning
- Identification
- Chemical Terms
- Site set-up
- Personal Protective Equipment

Module 2 Incident Assessment & Strategic Planning

- Notification & Response
- Roles & Responsibilities
- Basic Hazardous & Risk Assessments Techniques
- Information Management

Module 3 Medical Operations & Tactics

- Medical Monitoring
- Overexposure & Injury
- Decontamination
- Patient Care
- Transport
- Rehabilitation
- Post Incident

Module 4 Exercises

Module 5 Course Review

Module 6 References

Module 7 Glossary

Conduct of the class

Day 1-Class is broken down into lecture

Day 2-practical stations and final practical drill.

Lecture includes Introduction through module 6. Final scenario is module 7.

Practical work stations comprises breaking down into smaller work teams and rotating through each of the designed stations. This is followed by a final practice drill by teams, in which each team is required to work through a scenario.

Class Attendance

- All attendees must attend all sessions and satisfactorily complete all work stations and competencies. There will be no early dismissal approved.

Facilities

Approved classroom as defined in NJAC 5-73 et seq.

Approved and competent instructor as defined by NJSP HMRU Training Guidelines

Approved training props as determined by NJSP HMRU

- 1. Software, and reference manuals etc.**
- 2. Current edition of US DOT ERG**

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Topics

Module 1 Foundation

Module 1 - Foundation begins the initial phases of the course. An overview of the pre-planning protocols that can be utilized prior to an event is conducted. Site assessment techniques, Identification of materials in the jurisdiction, basic Chemical Terms are reviewed. Site set-up measures and the use of proper of Personal Protective Equipment are reviewed.

Module 2 Incident Assessment & Strategic Planning

Module 2 addresses the Notification & Response phase. The roles & responsibilities of agencies is discussed, apparatus, personnel and safety issues are overviewed. Basic Hazardous & Risk Assessments Techniques Information Management are overviewed to ensure that the attendee has a firm appreciation for it impact, importance and value it plays in any response.

Module 3 Medical Operations & Tactics

Module 3 addresses the Medical Monitoring requirements of HM team members and as well as victims. Overexposure & Injury modes are reviewed. Decontamination methods types and Patient Care Transport are all reviewed and overviewed. Rehabilitation of responders, HM Team Members and the EMS crew are discussed in length. Post Incident clean-up, information/documentation are overviewed.

Module 4 Exercises

Several classroom based scenarios are presented in which the attended working in groups works through the EMS issues and scene management.

Module 5 Course Review

Attendees are broken to into work groups and provided an opportunity for hands-on training and practical work stations.

Module 6 References

Module 7 Glossary

History:

This program was first developed in 1987-88 and first began classroom delivery in 1989. Since that time, it has under gone 3 separate reviews and revisions. In 2006 the program was again revised, and increased in total contact hours and re-structured for hands-on competency.