

Refresher Training for Hazardous Materials Technician Recommendation for Conducting Courses

The goals of this program are to provide continuing training for Hazardous Materials Technicians and to establish a format wherein competencies required for the technician level responders are tested in a realistic setting.

The Rocky Mountain Hazardous Materials Association (RMHMA) will provide a comprehensive training curriculum for the requisite refresher training at the Technician level. Onsite training is scenario based and available in eight (8) hour, sixteen (16) hour and twenty-four (24) hour modules at the agency's request. Each module consists of four (4) hour blocks which minimize classroom time and emphasize hands-on evolutions. The design is intended to reflect the local jurisdiction's needs and provide information on topics of concern for the technician. Skill competencies will be in accordance with NFPA 472 and the State of Colorado JPRs (Job Performance Requirements). Certificates of training from the RMHMA are issued to each participant upon completion of the training module.

Typical organization for the training modules begins with approximately one hour of orientation where the participants are given a briefing for the exercise, introduced to the equipment that is available for use, provided with any information pertinent to the scenario and organization of the response team(s) with positions assigned. Once the orientation is completed, the participants move to the training ground where they will "respond" to the incident. Some modules are intended to build upon the previous module. For example, the module for Maintenance, Care, Storage and Inspection of CPC (Chemical Protective Clothing) (JPR 5) is incorporated with Chemical Interpretation and CPC Compatibility (JPR 9) and is recommended after the module covering Incident Action Plans/ Site Assessment (JPRs 6 and 11) and Sources of Assistance (JPR 10).

Scenario based modules will typically reflect transportation, industrial or fixed site type incidents. Fixed site type exercises can include clandestine drug labs, pipelines or commercial businesses. The local jurisdiction is encouraged to provide any information on past incidents or possible areas of concern in their response district. Every attempt will be made to tailor the exercises to the local jurisdiction and potential hazards that may be found there. Hi-way cargo tank and railway incidents will require the local jurisdiction to make arrangements for the proper resources (i.e. tank cars or tank trucks). Given sufficient notice, the Division of Fire Safety training trailer may provide the required training aides.

Cost for the training will be \$1,000.00 per day (on average based on distance and total consecutive days on site). The Division of Fire Safety does not have funding available for the continuing (refresher) training and each organization will need to provide their own funding payable to RMHMA.

Page 2 has a recommended list of modules and cross reference to the JPRs.

Module 1 Containment (JPR 1)

4 hours

- JPR 1a Chlorine A kit
- JPR 1b Chlorine B kit
- JPR 1c Chlorine C kit (with state trailer)
- JPR 1d Drum plug and patch

Module 2 Decontamination and Chemical Clothing Donning/Doffing (JPR 2 and 3)

4 hours

- JPR 2a Decon set-up
- JPR 2b Decon demonstration
- JPR 3a Donning/Doffing level A
- JPR 3b Donning/Doffing level B
- JPR 3c Donning/Doffing level C

Module 3 Monitoring Instruments (JPR 4)

4 hours

- JPR 4a Collection of samples
- JPR 4b Use of Direct Reading Instruments
- JPR 4c Selection of Direct Reading Instruments
- JPR 4d Zero out instruments

Module 4 Incident Action Plan and Site Assessment (JPR 6 and 11)

2 hours

- JPR 6 Incident Action Plan (NIMS required information)
- JPR 11 Site Assessment (NIMS required information)

(Continuation) Sources of Assistance (JPR 10)

2 hours

- JPR 10a Toxicology (review)
- JPR 10b Database Interpretation (CAMEO type review)

Module 5 Maintenance, care, storage and inspection of CPC and Chemical data interpretation/ CPC compatibility (JPR 5 and 9)

4 hours

- JPR 5a Maintenance
- JPR 5b Use and repair of CPC
- JPR 5c Inspection of CPC
- JPR 9 Chemical data interpretation/CPC compatibility

Module 6 Evidence Collection and Preservation and Incident Documentation (JPR 7 & 8)

4 hours

- JPR 7 Evidence collection and preservation
- JPR 8a Proper completion of reports
- JPR 8b Steps for complying incident reports
- JPR 8c Requirements found in local incident reports
- JPR 8d Filing records
- JPR 8e Activity log and exposure logs
(based on NIMS required forms and information)