

What we can say is the tape is well done and does provide an easy-to-follow introduction to the topic. But to provide adequate training information, even at the lowest level, will take much more time, discussion and classroom effort.

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*Hazardous Materials: Controlling Spills and Releases: the Hazardous Materials Technician's Role*, 15-min videotape, Air and Water Technologies, Somerville, NJ, 1992, \$495.

This video provides emergency response employees with an overview of the procedures for responding to and controlling small releases of liquid, solid or gas. Discussed in addition to response procedures are the basics of hazard identification; emergency equipment requirements, techniques for control, containment and cleanup; and decontamination, disposal, and close-out procedures.

A 20-page training guide accompanies the film. This brochure contains a suggested lesson plan, discussion guide, review questions and answers, a sign-up form, and seven single pages of supplementary information including:

- hazardous incident levels of training
- training required for hazardous material technicians and specialists
- incident response system
- simple MSDS (material safety data sheet)
- mitigation measures for hazardous substance releases
- equipment list for responding to hazardous substance releases
- emergency response operation for hazardous substance releases

The video was very well done and should, along with the first videotape in the series (*Incident Response: The First Responder's Role*) be shown to all employees who use, store or handle hazardous chemicals to make them aware of the problems and potential responses to chemical accidents. It is a good start on training but does not come close (in 15 minutes) to satisfying the time requirement of OSHA Series 1910.120 for training.

We very much appreciate including the lesson plan (shown below).

1. Introduce the topic and purpose of the training. Because this program deals with maintaining safety in emergency situations, the trainer should stress its importance in terms of the participants; personal health and safety.
2. Describe your company's emergency response plan.
3. Clearly identify participant's level of training so they know their responsibilities.
4. Show the video.
5. Identify some of the liquid, solid, and gaseous hazardous substances used at your facility.

6. Review the procedures for properly identifying or recognizing released hazardous substances, placing emphasis on the use of the MSDS.
7. Review the responsibilities at each level of training for dealing with a release.
8. Review the instrumentation used in your facility, such as specific gas detectors, photo-ionization detectors, and combustible gas indicators.
9. Demonstrate some of the procedures and equipment you might have to use in the event of a release, such as control and containment equipment, plugging materials, a HEPA-VAC, or a Chlorine A-Kit.
10. Discuss the video.
11. Questions and answers.
12. Assess the effectiveness of this training. See the Review Questions.

The lesson plan does not, however, mention the latest changes in the specialist level as covered in the National Fire Protection Standards; perhaps an insert could be enclosed in the brochure.

The film concludes with the following advice:

“A release of a hazardous substance in any form poses an immediate health hazard to workers and possibly to the general public. OSHA regulations maintain that only properly trained personnel respond to or attempt to control any hazardous substance release.”

It is our view that this videotape will provide an excellent beginning to the required 24-hour training — but if used more widely for all personnel, could sensitize them to the need for spill control and the correct response they might observe in a spill response.

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*Handling and Transporting Hazardous Materials Safely — DOT Hazardous Materials*, 1/2 Inch VCR Tape, 17 min, Long Island Productions, 925 Kearney St., El Cerrito, CA 94530, \$199 (plus shipping and handling; available for 7-day free preview).

This video is directed to personnel involved in the handling and shipping of hazardous materials, as defined by the Department of Transportation. The basic text is from the *Code of Federal Regulations* (CFR) 49, Sections 100–199. The tape highlights major sections of this regulation book, noting that recent revisions such as 181, more closely parallel to U.N. Codes.

Of major importance is 126F, which requires training for personnel who handle, wrap up, and transport hazardous materials (HMs). The intent is to make personnel aware of: (1) general HM awareness, (2) basic safety training, (3) function specific guides for personnel with specialized occupations, and (4) drivers of motor vehicles and trains that carry hazardous materials.