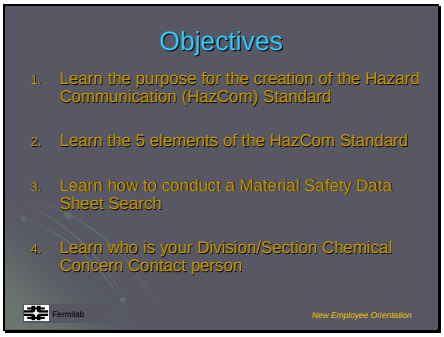
Slide 1

Welcome to Fermilab's class on Hazard Communication.

Slide 2



During today's class you will:

Learn the purpose for the creation of the Hazard Communication (HazCom) Standard,

Learn the 5 elements of the HazCom Standard,

Learn how to conduct a Material Safety Data Sheet (MSDS) search, and

Learn who is your Division/Section Chemical Concern Contact person.

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The Occupational Safety and Health Administration promulgated the Hazard Communication Standard in 1983 with the understanding that employees have a "Right-to-know" about the hazardous chemicals they work with, thus the Hazard Communication standard was designed to:

Reduce the incidence of injuries and illnesses caused by chemical hazards in the workplace,

Identify and evaluate chemical hazards, and

Establish uniform requirements for communicating information about chemical hazards to all workers.

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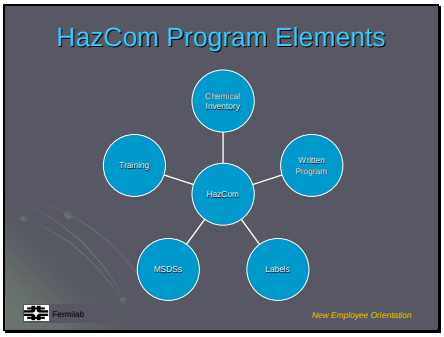

These are the Five elements of the Hazard Communication Standard. They are:
Chemical Inventory,
Written Program,
Labels,
Material Safety Data Sheets, and
Training.

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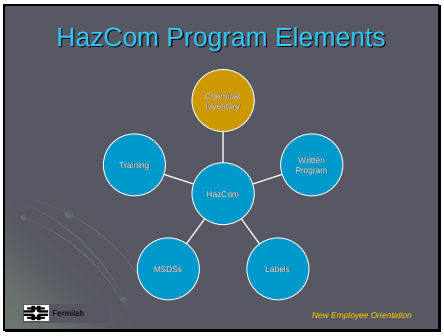

The first element of the Hazard Communication Standard is for employers to develop inventories of all the hazardous chemicals they have at their worksite. Each Division and Section is responsible for developing chemical inventories for their workplaces.

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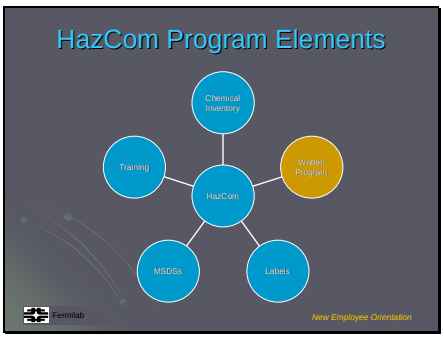

The second element mandates employers to evaluate the hazards of the chemicals they use and communicate this information to their employees. We have incorporated this requirement into the Fermilab ES&H Manual. This is our written Hazard Communication Program. The Written Program describes how the HazCom program has been implemented at Fermilab.

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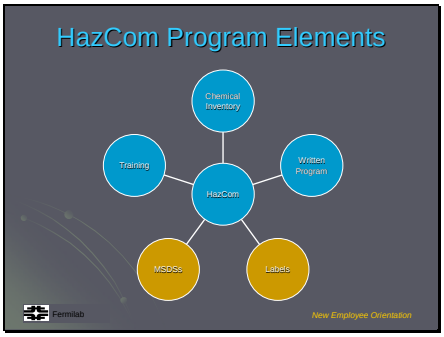

In addition to the written program the Hazard Communication Standard requires that manufacturer's properly label and provide Material Safety Data Sheets (MSDSs) for each hazardous product. Let's take a moment and focus on these two elements.

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Labels are required to:

Identity the product's name,
Provide any hazard warnings, and
Give the Manufactures name and address.

If you are transferring a material into a more user friendly container the secondary container must be labeled with the product name and any hazard warnings.

Never remove or deface a label on containers in use.

Labels must be removed at disposal

time.

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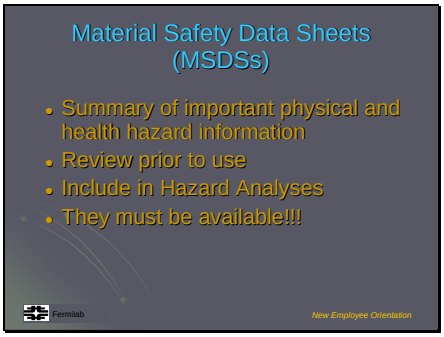

Another source of information on hazards is the Material Safety Data Sheets (MSDSs). MSDSs provide a summary of important physical and health hazard information. MSDSs should be reviewed for all new products prior to usage and also referenced and included in the creation of workplace Hazard Analyses. Finally, they must be made available. What does available mean? **Show next overhead.**

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OSHA interprets this to mean that MSDSs must be maintained and accessible to any employee during his or her work shift. At Fermilab, MSDSs are available electronically.

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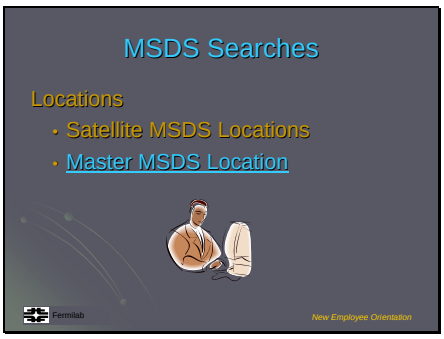


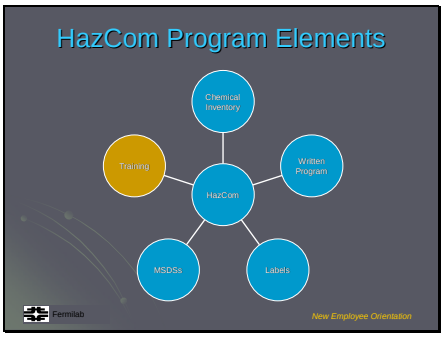
Some departments still maintain paper copies of their MSDSs. These locations may not have computer access or may be at a remote jobsite. Regardless, a copy of the MSDS is forwarded to the ESH Section for entry into Fermilab's MSDS database.

The master MSDS database is located on the ESH website and can be viewed through the Quick Links section.

Trainer performs following task
Click on Master MSDS Location and show MSDS database on ESH website and conduct several searches:
1.) Nalco, Dow, Dupont
2.) Toluene
3.) WD-40

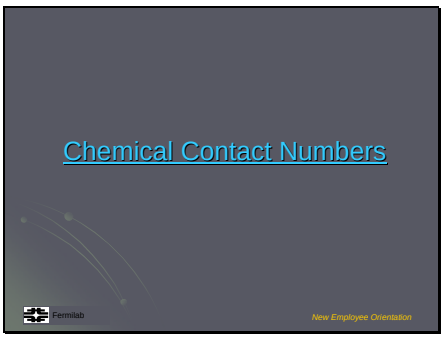
Provide copy of the handout titled "Understanding Material Safety Data Sheets"

Slide 12



Finally, each employee is required to receive Training on the Hazard Communication Standard and how the program specifically works at Fermilab. Essentially what you are receiving now.

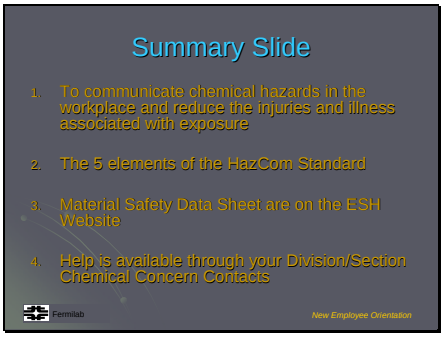
Slide 13



Along with your supervisor, here is a list of your Chemical Concern Contact Numbers should you have any specific questions about the materials you are working with and their potential hazards.

Trainer performs following task
Click on "Chemical Contact Numbers."

Slide 14



In summary we learned;

The purpose of the Hazard Communication Standard and the Five HazCom Program Elements. We also learned how to conduct an MSDS Search and who to contact in the event that you have additional concerns.

Does anyone have any questions, comments or concerns?