

HAZARD COMMUNICATION COURSE OUTLINE

THEORETHICAL SESSION

- Review Legal requirement as per OSH-TT Act 2004, amendment 2006, Part II Section 6 (General duties of the employer). OSHA 29 CFR 1910.1200 Standard.
- Local accident case studies in reference to chemical safety.
- Definition of terms used for Hazard Communication (physical and chemical hazard).
- The four (4) routes of entry (absorption, ingestion, inhalation, injection) of chemicals into the body.
- Identifying physical and health hazards in the workplace.
- The health effects from exposure to hazardous chemicals (acute and chronic).
- Elements of a Hazard Communication program (legal requirement, labels and warning signs, safety data sheet (SDS), training).
- Labels and warning signs in accordance to the National Fire Protection Association (NFPA) and Hazardous Materials Identification System (HMIS).
- The significance of Safety Data Sheet (SDS) in the workplace and explanation of its sixteen (16) sections.
- The implementation of the Globally Harmonized System (GHS) and its specific purpose.
- Identification of Globally Harmonized System (GHS) pictograms and significance of each.
- Hierarchy of control measures and safety precautions before the use of chemicals.
- General safety tips when using chemicals.

PRATICAL SESSION

The practical session will involve the following skills:

- Participants will be tasked with identifying hazardous chemicals using the GHS standard pictograms in a chemical storage area.
- Report to the Safety Data Sheet (SDS) station and locate the specific SDS for each chemical.
- Participants must navigate through the SDS identifying the hazards associated with the chemicals and necessary precautionary measures to be implemented before use.
- When a hazardous chemical spill occurs and an employee is exposed to such, the participant will need to follow emergency procedures in accordance to the SDS.
- Identify Warning signs and labels in chemical storage area.

TARGET AUDIENCE

All staff who work in a company where hazardous chemicals are present. This program is especially important to the personnel who are tasked with the handling and transport of the stored chemicals.

CERTIFICATION

On Successful completion of this course participants will receive a certificate of competency on Hazard Communication as per the course topics stipulated above.

Minimum amount of persons - 8

Maximum amount of persons - 15



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