

29CFR 1926.20(b)-Accident Reduction, 29CFR 1926.21- Safety Training & Education
29CFR 1926.20(a)-Unsafe Working Conditions 29 CFR 1910.132-138, the "Personal Protection Equipment" standard. & 20 CFR 1910.134 Subpart I - Personal Protective Equipment

Plumbing Operations and Safety

Preparation

- 1. Read Applicable Background information and related Company Policy Chapter.
- 2. Make _____ Copies of this Lesson Plan for Personnel
- 3. Make Transparency, procure transparency pens, etc.
- 4. Coffee, tea, snacks

Material

- 1. Personal Protective Equipment
- 2.

Objective

By the end of this session, personnel shall be able to describe:

- 1. Personal Protective Equipment
- 2. Hot Operation Procedures
- 3. Open Storm Drain Operations
- 4. Gas Systems
- 5. Tunnels, Pits and Sump Working Precautions
- 6. Compressed Air Safety Procedures

Background

Plumbing operations normally includes the installation, preventive maintenance, and repair of water supply systems, sewage and water disposal systems, natural liquified petroleum gas (LPG) or other gas supply systems (to include gas appliances), and oxygen supply systems. These systems and the maintenance of them contribute to the total well-being Company facilities.

Hazards encountered during plumbing operations include, but are not limited to, entry into an oxygen deficient atmosphere (confined space), fire or explosion (by introducing an ignition or flame source into a hazardous environment), and falls. Cave-in of an excavated area, burns from heat producing equipment, strains and sprains of the back (or other muscle group), and cuts and/or bruises, are also potential dangers.

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