

MSDS Sheets

An important key to being successful in any workplace is obtaining and demonstrating the knowledge of health and safety in the workplace. Students should know the government regulations that employers and employees must follow in order to keep the workplace.

Directions:

1. Research the Occupational Safety and Health Administration's web site.
 - Review the duties of the administration and what it does to prevent injuries in the workplace.
 - Review the brief history and structure of the administration. Students should research the OSHA guidelines set for welding businesses in order to keep employees safe.
 - Research the methods OSHA uses to enforce these regulations and fines placed on businesses not abiding by the regulations.
 - Study different ways to remain safe in a metal fabrication shop.
 - Review hazardous wastes, particularly the different types of hazardous wastes that are involved in welding and know:
 - How to store them
 - How to handle them
 - What type of protective clothing to wear
 - How to repair leaks or spills
 - How flammable a certain waste is
 - How to eliminate waste fires
 - How exposure will affect your
 - ❖ Skin
 - ❖ Eyes
 - ❖ Respiratory System
 - How to apply first aid when exposed to these materials
2. Obtain samples of Material Safety Data Sheets and be able to interpret them correctly in order to prevent accidents from happening in the work place.
3. Write a professional report applying what you have learned about shop safety.