A Crash Course in Graphic Communications

Press Page Up or Page Down to navigate through the program.
Press Esc twice to exit the program.
Part 9
Environmental Health and Safety in the Printing Industry

Safe Keeping
Ensuring Health and Safety

- The printing industry is one of the safest manufacturing industries in the United States
• Working in a busy printing plant requires knowledge and awareness
The Occupational Safety and Health Administration was developed to establish and enforce basic safety practices to create a safer workplace.
Hazard Communication Standard

- Hazard Communication Standard (HazCom) requires that chemical manufacturers and suppliers assess the hazards of the chemicals they make and inform customers and workers of these hazards through material safety data sheets.
Material Safety Data Sheets (MSDS) are forms used to record information about hazardous chemicals, as well as guidelines covering exposure limits and other precautions.

Employers are required by OSHA to compile and maintain files of this information.
Container Labeling

- Each chemical container in the printing plant must have a label that easily identifies hazardous materials.
Lockout/Tagout Standard

- Addresses the safety precautions for servicing and maintaining machinery, where unexpected start-up or release of stored energy could cause injury.
Forklift Safety

- Both classroom instruction and hands-on training help ensure the safe operation of forklifts.
Hearing Conservation Programs

- Printing equipment creates noise that can exceed permissible levels established by OSHA
  - Employees exposed to noise levels beyond 85 decibels must be protected to assure hearing safety
Emergency/Evacuation Plan

- A written emergency/evacuation plan covers designated actions during:
  - Fire
  - Inclement weather/weather-related emergencies
  - Structural failure
  - Facility emergencies, like bomb threats
Fire Prevention Procedures

- Fire prevention involves instruction in the:
  - Storage of flammable liquids
  - Proper ventilation
  - Proper maintenance and use of fire extinguishers
Machine Guarding

• A guard is a barrier that prevents anything from entering a dangerous area
• A pinch point is the place where two revolving surfaces first contact each other
General Housekeeping

- A clean and orderly work environment contributes greatly to worker safety
Record Keeping

- OSHA requires businesses to keep detailed and complete records.

OSHA's Form 300A

Summary of Work-Related Injuries and Illnesses

Year 20

U.S. Department of Labor
Occupational Safety and Health Administration
Form approved OMB No. 1218-0008

Establishment Information

- Year worked to nearest case
- State
- ZIP

- Industry description (e.g., Manufacturing of metal products)
- Standard Industrial Classification (SIC) (e.g., 3711)

Employment Information

- Annual average number of employees
- Total hours worked by all employees last year

SignHere

Knebly forwarding this document may result in a fine.

I certify that I have examined this document and that to the best of my knowledge the entries are true and complete.

Print this Summary page from February 1 to April 30 of the year following the year covered by the form.

Printed reporting formats for this collection of information are maintained in the above 30 accrages per company, including those who collect the information, and parents, for the collection of information. The recipient are not required to respond to the collection of information. Some persons or other aspects of this data collection, contact: US Department of Labor OSHA Office of Technology, Burns St. Washington, DC 20210, 202-693-1426.

Form created with form.com in this office.
End of Part 9

Be safe, not sorry