



SECTION 49

GAS HAZARDS PROGRAM



1. GENERAL REQUIREMENTS

1. Maul Electric, Inc. shall ensure all employees are aware of the Owners contingency plan provisions including evacuation routes and alarms. Employees should participate in emergency evacuation drills and practice rescue procedures

2. GENERAL TRAINING REQUIREMENTS

1. Maul Electric, Inc. shall assure that their employees are trained in Gas Hazards before initial assignment and annually thereafter.
2. Gas Hazard Awareness training should include at a minimum:
 - a. Locations of alarm stations
 - b. Gas Monitoring Equipment- Portable and Fixed Detection
 - c. Gas Alarms
 - d. Gas Hazards- Characteristics of gases, to include oxygen deficiency, oxygen or nitrogen enrichment, carbon monoxide and hydrogen sulfide at a minimum. Hazard training must also include any plant or department specific gases of concern. Training must include signs and symptoms of overexposure
 - e. Personnel Rescue Procedures
 - f. Use and care of Self-Contained Breathing Apparatus (SCBA)- includes donning and emergency procedures (if applicable)
 - g. Evacuation Procedures
 - h. Staging Areas – Primary and Secondary.
3. Gas Hazard Awareness training should be documented and available for review.

3. MONITORING REQUIREMENTS

1. Each employee shall use a portable gas detector as required in all high gas hazard areas.
2. The gas monitor equipment must be calibrated per manufacturer's recommendations prior to each use and documented.
3. Bump test are required to be completed at the beginning of each day the monitor is in use per the requesting owner client and manufacturer's guidelines to ensure the monitor is functioning correctly.
4. The gas monitor equipment must be calibrated per manufacturer's recommendations by the manufacturer or authorized service provider and contain a current calibration sticker on the monitor providing the date of calibration.



4. RESPIRATORY PROTECTION REQUIREMENTS

1. Maul Electric, Inc. respiratory protection program shall be established in accordance with 29CFR 1910.134. and followed by all employees based on monitoring results. (See section 4)