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1. Purpose

1.1. The purpose of this program is to ensure that all project employees are aware of the hazards associated with gas and to provide all employees with hazardous gas awareness training.

2. Scope

2.1. This program covers all Gallant Industrial employees and subcontractors with potential exposure to hazardous gas.

3. General Requirements

3.1. Gallant Industrial shall ensure all employees are aware of the Client/Owners contingency plan provisions including evacuation routes and alarms. All project employees shall participate in emergency evacuation drills and practice rescue procedures.

4. General Training Requirements

4.1. Gallant shall assure that their employees are trained in Gas Hazards before initial assignment and annually thereafter.

4.2. Gas Hazard Awareness training shall include at a minimum:

- 4.2.1. Locations of alarm stations
- 4.2.2. Gas Monitoring Equipment- Portable and Fixed Detection
- 4.2.3. Gas Alarms
- 4.2.4. 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.
- 4.2.5. Signs and symptoms of overexposure
- 4.2.6. Personnel Rescue Procedures
- 4.2.7. Use and care of Self-Contained Breathing Apparatus (SCBA) - includes donning and emergency procedures (if applicable)
- 4.2.8. Evacuation Procedures
- 4.2.9. Staging Areas – Primary and Secondary.

4.3. Gas Hazard Awareness training shall be documented and available for review.

5. Monitoring Requirements

5.1. Each employee shall use a portable gas detector as required in all high gas hazard areas.

5.2. The gas monitor equipment must be calibrated per manufacturer's recommendations prior to each use and documented.

5.3. 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.

5.4. 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.

6. Respiratory Protection Requirements

6.1. All employees and subcontractors shall comply with the Gallant Industrial Respiratory Protection Program in accordance with 29CFR 1910.134. and follow based on monitoring results.