## Gas Hazards

1. **Purpose**

The purpose of this policy is to establish guidelines for working safety near gas hazards.

1. **Policy**

Each employee shall use a portable gas detector as required in all high gas hazard areas. The gas monitor must be calibrated per manufacturer’s recommendations and contain a current calibration sticker on the monitor providing the date of calibration.

Bump test are required to be complete 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.

Employees will be made aware of the owner’s contingency plan provisions including evacuation routes and alarms. Employees shall participate in emergency evacuation drills and practice rescue procedures.

1. **Training**

Gas Hazard Awareness training is required for any employee(s) whose work activities may expose them to hazardous gas. Training shall be provided before the initial assignment and annually thereafter. Training shall be documented and available for review.

Gas Hazard Awareness training shall include at a minimum:

* Locations of alarm stations.
* Gas Monitoring Equipment- Portable and Fixed Detection.
* Gas Alarms
* 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.
* Personnel Rescue Procedures.
* Use and care of Self-Contained Breathing Apparatus (SCBA)- includes donning and emergency procedures (if applicable).
* Evacuation Procedures.
* Staging Areas – Primary and Secondary.