

Manual Section 7	Issue Date 11/19/10	Revision Date 01/01/24	Policy Number LLCP-071
	Gas Hazards		

Policy

It is the Policy of this Company to protect its personnel from hazards including such hazards as Gas. We will take the appropriate action to protect its people by training, engineering controls as well as providing personnel with the proper PPE as their last means of defense.

Scope

All LLC Companies including, Blanchard Industrial, LLC, GIS Engineering, LLC, Grand Isle Shipyard, Inc., and GWIS, Mack Steel, NuWave, Sun Industries, Valvemax, Discovery Industries, Inc.; hereafter identified as "Company".

Training

Gas hazard awareness training shall be provided before initial assignment and annually thereafter. All training will be documented and available for review. Awareness training for Gas Hazards shall include at a minimum:

- Locations of alarm stations
- Gas Monitoring Equipment- Portable and Fixed Detection
- Gas Alarms
- Gas Hazards
- Gas Characteristics
- Oxygen deficiency
- Oxygen or nitrogen enrichment
- Carbon monoxide
- Hydrogen sulfide
- 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

Plant or department specific gases of concern shall also be address prior to entering any facility for the purpose of work. All training shall be documented and available for review when requested.

Procedure

Each employee shall use a portable gas detector as required in all high gas hazard areas. All gas monitor must be calibrated as per manufacturer's recommendations and contain a current calibration sticker on the monitor providing the date of calibration. Bump test are required to be completed at the beginning of each day when the monitor is in use to ensure the monitor is functioning correctly.

Prior to an assignment, the employees must be aware of the owners contingency plan provisions including evacuation routes and alarms. Employees should participate in emergency evacuation drills and practice rescue procedures to ensure adequacy in their emergency preparedness.