

Manual Section 3	Issue Date 03/07/16	Revision Date 01/01/24	Policy Number LLCP-033
	Nitrogen		

Policy

In the event that an employee shall be exposed to an atmosphere that is oxygen deficient or Nitrogen enriched atmosphere the affected employee shall be trained in detection and employee protection prior to the exposure. All training shall be documented and available upon request.

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”.

Procedure

Documented planning will be conducted for those operations involving potential nitrogen exposure, this includes anytime an active purge is being applied to a system in or around equipment associated with work.

Appropriate signage will include adequate warning by stating Danger, Inert Gas Present, and Possible Oxygen Deficient Environment.

As determined by the hazard assessment, nitrogen vent / purge points will be labeled and barricaded with a 3' diameter or as determined by oxygen monitoring (must be > 19.5 outside of the barrier) to protect workers from exposure.

Nitrogen must not be used to power pneumatic tools or blowers except when they are used in an inert atmosphere.

Storage

The cylinder should be upright, properly supported, and stored outdoors or in a well-ventilated area. The protective cap must be in place when not in use. Nitrogen cylinders should contain an identifying label UN1066.