

## Using Gas Detectors

The monitoring of atmospheres to ensure the safety of personnel must be done with instruments providing real-time readings. In the oil and gas industry we use gas detectors.

Gas Detectors must be calibrated on a monthly basis, even when not in use. Only trained and qualified personnel will do calibration of atmospheric monitors. **(This cannot be performed in the field by employees)**. Refer to manufacturer's operations manual on use of the gas detector.

All GIS Owned Gas Detectors need to be returned to the Fire & Safety Group every 30 days for the monthly calibration. If you have rented a gas detector from another vendor, then the gas detector must go back to that vendor every 30 days for a monthly re-calibration.

Operational readiness checks or bump tests should be done on every monitor before use. This is to ensure that the monitor is functional. All bump test should be documented. Bump test can be performed in the field by any employee who was trained on how to use a gas detector.

Bump gas cannot be shipped by air, so it has to travel to location by boat or ground. When requesting a gas detector, the bump gas must be requested with it also, whether it is through GIS or a vendor. **If no bump gas is shipped with the gas detector, the detector cannot be used.**

