The First Warning… and the Last Line of Defense

Earlier this year, Ino-Tek was contacted by a fleet customer asking for a service visit to resolve an unexpected warning alarm from their Life Safety / Gas Detection system. The system involved had detected an increase in the building CNG level on two separate occasions that management could not explain.

Ino-Tek dispatched a Project Engineer and a Field Technician who began by verifying the integrity and proper calibration of the system. The system was working exactly as designed. The Project Engineer identified the specific sensor that detected the CNG as well as the exact times the CNG level exceeded detection limits. Working with facility management, they reviewed security video and detected a bus that had unexpectedly driven into a service lane to which it was not assigned (or scheduled) triggering the first alarm. Subsequent investigation of their records for the time of the second incident revealed the same vehicle parked in the vicinity of the second alarm.

The vehicle was removed from service and preventative maintenance was immediately scheduled.

By detecting a CNG leak at extremely low levels, the risk to personnel and the facility was minimized. Additionally, identifying the specific vehicle with a potential CNG leak allowed for preventative maintenance to prevent a serious loss.

This incident highlights four powerful benefits resulting from installation of a properly designed Life Safety / Gas Detection system in a public transit maintenance facility: 1) Protecting the employees, 2) Protecting the facility, 3) Ensuring the safety of customers who ride on that bus and 4) Protecting the equipment.

For a look at a dangerous CNG bus incident, check out the YouTube link below:

https://www.youtube.com/watch?v=vHf2o9oVY24

For more information about Life Safety Systems and Gas Detection in Municipal Transit facilities, call Contact Jim Parker, 586-336-0856 or jim.parker@ino-tek.com.