

SAFETY ALERT

GAS MONITORING SENSORS: Life Sciences Building

Date: 19/06/2023

ID/Ref # HSW-2023-001



Responding to Gas Sensor Alarms: Life Sciences Building

Gas sensors have been installed throughout Life Sciences where a requirement was identified by the external gas audit.

These sensors are operational, but do not currently connect to the base monitoring system (BMS).

A follow-on program is under development so the alarm will go from the sensor to the BMS automatically alerting security to the alarm.



What you need to do now.

When an alarm sounds, evacuate the space, and contact security x15888 and report that alarm is sounding.

The responsible supervisor of each facility in LS with gas monitoring installed must notify all workers who use the facility of the need to evacuate whenever an alarm is triggered and to contact security immediately to respond.

In the event of an alarm sounding, an AIMS report must be submitted so any gas issues or ongoing triggering of alarms due to faults or inappropriate use of gas or cryogenics, can be addressed.

What happened.

Workers in the Life Sciences building have been unaware the sensors are not currently automatically sending a signal to security.

Who does this impact.

Anyone working in the Life Sciences building, responding to a gas sensor alarm.

What the university is doing.

IFS have a program of work that includes the connection of the gas sensor systems within LS to the BMS. Occupants of LS will be notified when this link is in place and operational.

Background/Related info.

Liquid nitrogen and compressed gases can cause oxygen depletion or toxic environment events when uncontrolled. Sensors are installed in spaces where gas or cryogenics could have a detrimental effect on human health.

Further gas use guidance is available on the HSW SharePoint site: [Working with Gases and Cryogenics](#)