

Safety Response Team Procedure for low Oxygen Alarm on 9th Floor Roberts

If you have been notified of an <18% alarm sounding and the lab has been safe to reenter:




- Turn off notification at lobby notification panel on wall outside in both lift lobbies using access code ++++.
- Ensure a report has been submitted in RiskNet

If < 16% alarm and sirens are sounding:

- Ensure staff are evacuating the 9th floor and assembling at 7th floor lift lobby, nobody to re-enter. Do not allow anyone entry to the 9th floor.
- Collect Low O₂ Drager kit from departmental office (labelled plastic box on top of the stationary cupboards), take up to 9th floor front lift lobby. This kit includes:
 - Heat resistance gloves
 - Drager tube opener
 - Graduated plastic syringe
 - A copy of low O₂ testing procedure
- Wear the heat resistant gloves in the kit and use tube opener to break both ends of Drager short term tube oxygen, attach silicone tubing to one side and the graduated syringe with tubing to the other.
- Slide tubing under fire door and draw 100ml of air over ~1min through the tube. Note the tube can heat up to 100°C.
- Read the oxygen level by noting the part where the colour has changed on the Drager tube. It needs to be >20%
- Repeat this process at the back goods lift lobby. If oxygen level reads above 20.5% enter this set of the doors and leave them open for ventilation as you repeat test at secondary set of doors before accessing 9th floor corridor.
- If all three tests read an oxygen level above 20.5% allow evacuees back onto the floor ensuring all possible windows are open to allow full ventilation and air turnover.
- Turn off notification at panel on wall outside in the lift lobby using access code ++++.
- Report via RiskNet

Always alert another staff member of your intention and whereabouts in the building. i.e. when moving from one side of the corridor to the other.

Alarm is serviced once every 6months by the external company responsible for install. The record of servicing is kept with the Technical Services Manager.

Contents of Box:	
Pair of Heat resistant gloves	
Drager Tubes	
Drager Tube Opener	
Tubing	