**Emergency Arrangements for the Release of Cryogenic Liquids in Schuster Building**

Cryogenic liquids are colourless, odourless and tasteless. The liquid to gas ratio is large and an accidental release of even a small amount of liquid could have the potential to deplete the oxygen levels within the room to a dangerous level.

In the event of a large spill or accidental release, the following procedure should be followed:

* Evacuate the area, if safe and applicable open windows on the way out to aid ventilation and allow the resultant gas to disperse (if this occurs during a fill, stop the filling immediately and shut all appropriate valves).
* Contact the responsible person or School Safety Advisor.
* Ensure no one re-enters the room until it is safe to do so, as indicated on the oxygen depletion monitor.

If you are outside the room when the alarm is sounding **DO NOT ENTER** under any circumstances.

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Room :

Person responsible for this area ……………………………………………………………………………………………………..

Contact details………………………………………………………………………………………………………………………………...

Number and quantity of nitrogen pressure vessels in room……………………………………………………………

A full discharge could potentially release ……………………………L of nitrogen gas in to the room.

Number and quantity of helium pressure vessels in room……………………………………………………………….

A full discharge could potentially release …………………………… L of helium gas in to the room.

**Please Note**

Multiple fatalities have occurred when rescuers have themselves been overcome while attempting to assist an unconscious colleague. The temptation to enter an area to affect a rescue is strong. However, the risks of doing so are extremely high. Under no circumstances should any individual attempt a rescue of an unconscious person. The quicker the fire service is alerted the higher the chance of survival of the individual.