

APPENDIX 2-C

Cole Science Center B-16

OXYGEN SENSOR IN THE NMR ROOM

The NMR room (Cole B-16) is equipped with a portable oxygen sensor that presents an audible and visual alarm if oxygen levels fall to 19.5% or increase to 23.5%. The GasBadge Plus meter remains on all the time and can not be turned off. The screen indicates oxygen concentration in % volume. The meter must be left in the NMR room.

If the alarm sounds:

1. Evacuate the room immediately.
2. Close the door when everyone is out.
3. Post signs on NMR room door stating "Low Oxygen – DO NOT ENTER".
4. Report alarm condition to department staff or Campus Police.

When reporting, please give details of the conditions in the room at the time of the alarm. Most importantly, detail if there were signs that the magnet may be quenching (hissing noise, loud release of gas, visual signs of evaporating gas escaping from the magnet).

Department staff or Campus Police will call Environmental Health & Safety to have oxygen levels independently checked with a confined space meter prior to anyone reentering the room. Oxygen levels must be restored to normal (20.9%) and the room must be approved safe for reentry by EH&S before anyone may return. Department staff will post a notice to the NS list updating everyone of the status of the NMR room in such an event.

DEPARTMENT STAFF CONTACT INFORMATION:

Sarah Steely	Instrument Technician	x5774	Room 212
Rayane Moreira	Faculty	x5615	Room 205
Chelvanaya Gabriel (“Naya”)	Lab Manager	x5386	Room 206

CAMPUS POLICE:

Emergency Line **x5555** during the day
Emergency Line **x1911** after 4:30pm