

# LOCAL RULES FOR THE USE OF THE CGC SEM LAB:

- Only authorized users may enter the SEM Lab unaccompanied by a trained user.
- Do not eat or drink in the SEM Lab, and do not use laboratory glassware as drinking glasses under any circumstances
- Equipment may only be used once:
  - You have been trained to use the equipment by authorized maintainer.
  - *Risk assessment* has been completed
- If you find a system is not working, then you must report it to the person in charge of the kit, the Group Leader and the Facility Manager
- Before using liquid nitrogen a training is needed as well as the appropriate risk assessment
  - To ensure so far as is reasonably practicable, that people are not exposed to risks to their health and safety
  - To undertake a risk assessment to define how this will be achieved
  - to be aware that, under certain circumstances, a room or area may become especially dangerous to life through lack of oxygen, to detect when this may happen, and take steps to prevent people from entering the danger area.
- Liquid nitrogen may only be dispensed into containers designed for liquid nitrogen use
- Liquid must not be dispensed into small volume wide necked vessels even where designed for liquid nitrogen use.
- Wear PPE provided (Gloves and eye/face protection) at all times during the dispensing process
- Both doors of the room must be fully open at all times during filling of vessels
- In case of Spillage or burns apply the Emergency Procedures and First Aid (in attachment)
- Upon leaving the SEM Lab, you should ensure that the area is left exactly as you found it. Benches should be washed down using the marked control.
- If you are the last user please check that all the machines are off and turn the lights off.