

Room P126 Laboratory Rules

This brief set of rules is not intended as an exhaustive list of work protocols, but as a short introduction to working safely in Room P126. If you witness any unsafe working practices please bring these to the attention of the Laboratory Head (Martin Lees). If you are unsure about anything associated with your work in this laboratory, please ask your Supervisor or the Laboratory Head for advice and/or guidance.

Before Starting Work in Room P126

Departmental Safety Information

Make sure that you have read and understood all the general Physics Department Safety Information, and taken and passed any required safety tests.

You must have done:

- University H&S Mandatory Training
- Undergraduate Induction (if appropriate)
- Postgraduate Induction (if appropriate)
- Chemical Assessment and Laboratory Safety Awareness Training
- Cryogenics

To use the cryomagnet you must also have completed the following training and be authorised by Martin Lees or Paul Goddard:

- Cryogenics
- Cryomagnets

Risk Assessment

Complete a supervisor approved Risk Assessment for your work. Lodge a Risk Assessment online or in the Superconductivity and Magnetism Group Room Register. Both you and your Supervisor must sign and date the Room Register.

Note, if you start a new activity, or significantly modify an existing activity, a new Risk Assessment should be placed in the Room Register and the Register signed, countersigned by your Supervisor, and dated.

All Risk Assessments should be reviewed at least once a year.

Read the Room P126 Risk Assessment.

Working in the Laboratory

Personal Safety

Use PPE if and when required. Do not work unsupervised or out of normal working hours unless it is safe to do so.

Laboratory Housekeeping

Keep the laboratory tidy. Dispose of any waste in the approved receptacles.

Remove any samples or chemicals immediately after finishing your work in the laboratory. Any samples left in the laboratory should be clearly labelled. Any unlabelled samples or chemicals will be disposed of. Tidy up your workspace after you finish your work.

Do not eat or drink in the laboratory. Do not allow unauthorised persons to enter the laboratory.

Cryogenics

Follow all University and Departmental regulations regarding the use of cryogenics and low-temperature equipment.

Magnetic Fields

Some apparatus in the laboratory can produce high magnetic fields ($\mu_0 H \leq 12 \text{ T}$). Unless you have a pacemaker or body piercing, these magnetic fields should pose no danger to you. Do not use or bring magnetisable tools or other items close to any of the cryomagnets when they are energised.

Apparatus

Read instrument manuals and/or user guides provided. Carefully follow any user instructions and/or instrument specific training.

Do not open up any of the equipment or attempt to modify any of the apparatus in the laboratory. Do not attempt to override or tamper with any safety devices or safety measures deployed in the laboratory.

Chemicals and Solvents

Read all the COSHH information for any chemicals or solvents you plan to use in the laboratory. Follow all University and Departmental regulations regarding the use of chemicals or solvents. No wet chemistry or sample preparation, (beyond readying your samples for measurements in the laboratory, e.g. affixing contacts, cutting, or weighing), should be carried out in this laboratory.

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