

Room P122 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 P122. If you witness any unsafe working practices please bring these to the attention of the Laboratory Head (Geetha Balakrishnan). 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 P122

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

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 P122 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. It is not safe to use the Arc Furnaces in the absence of another person in the vicinity- either in the lower level or the mezzanine of Room 122.

Do not approach the arc furnace area when it is in use by others and when the dark curtain is drawn around the area.

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.

Apparatus

Read instrument manuals and/or user guides provided. Carefully follow any user instructions and/or instrument specific training. This applies to the use of the Low speed cutting saw, the Spark Cutter, the Glove Box and the Sensitive Microbalance.

You will need to ensure you have the correct training to use these pieces of apparatus.

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.

Glass Blowing Work Bench

No unauthorised persons are allowed near the glass blowing work bench. When glass blowing work is in progress (you will hear a loud fan as well as the noise from the flame) no persons are allowed beyond the aluminium barrier near the technician's desk. Do not attempt to touch any glass ware that is left on this bench at any time.

Version Control Information

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