

SEEBECK RISK ASSESSMENT

Department <p style="text-align: center;">Physics</p>	Location <p style="text-align: center;">G O JONES 301</p>	
Description of project/task <p style="text-align: center;">Using SEEBECK equipment</p>		
Person(s) involved and status		
<p>Main hazards of the work/project <i>(Consider: people who can be affected, equipment used, materials handled and environment hazards)</i></p> <p>General risks associated with electrical equipment. i.e. electric shock.</p> <p>Contaminating the equipment/yourself/other users with harmful material from sample.</p> <p>Follow lab safety procedures.</p> <p>Using N2 gas</p> <p>The equipment uses a high (100Bar) output regulator on a Nitrogen cylinder.</p> <p>Lone working</p>	<p>Risk level <i>(low/medium/high)</i></p> <p style="text-align: center;">Low</p> <p style="text-align: center;">Low</p> <p style="text-align: center;">Medium</p>	<p>Controls required <i>(Consider: appropriate physical, procedural and behavioural controls).</i></p> <p>Handle and operate as per manufacturer's instructions. Do not use and report if there are any signs of damage to cables etc. Where applicable always switch equipment off.</p> <p>Always wear gloves when handling samples. Any surfaces that come into contact with the samples should be cleaned. Solvents and materials used for cleaning should be disposed of following the correct procedures.</p> <p style="text-align: center;">Sign log book. Keep work area and floor tidy</p> <p>The cylinder must be secured to the bench before use. Ensure the O2 monitors are operational if you hear any gas leaking switch the gas cylinder off and report it.</p> <p>Lone working is not permitted before 8:00 and after 18:00 week days and anytime at weekends, unless the user has a signed risk assessment for lone working and the user follows the local rules on lone working.</p>
Necessary training completed C	A = No training needed B = Brief instructions C = Training by manager/experienced user ***	
Other relevant specific assessments (e.g COSHH)		
Hazards identified and precautions specified are appropriate for the task		
Head of Group/Supervisor/Lab Manager: Signature.....Date..... <div style="text-align: right;">Review Date.....</div>		
Acknowledgement by person(s) involved.....		