

Science Practical Risk Assessment

School of Maths & Science	Practical Activity Title	Refractive Index of a Glass block (MAS_SP_6017_refractive_index_of_glass_block)		Risk Assessment No. MAS_RA_6017_refractive_index_of_glass_block	
Location	Physics Lab. NB231			Revision level: 1	
Assessment Performed By	Dr Lisa Jenkins	Signature:		Date:	19-Nov-08
Supported By	Gareth John	Signature:		Date:	19-Nov-08
Approved By	Brian Harris (H.o.S.)	Signature:		Date:	19-Nov-08
Date of Re-assessment (if necessary)	Re-assess if any changes to procedure or equipment / chemicals are made.				

HAZARDS TO BE CONSIDERED	WHO MIGHT BE HARMED?	IS THE RISK ADEQUATELY CONTROLLED?	WHAT FURTHER ACTION IS NECESSARY TO CONTROL THE RISK?
1. Slipping / Tripping	Staff		
2. Fire	Students		
3. Chemicals / drugs			
4. Moving parts of machinery			
5. Pressure systems		<i>Please complete overleaf</i>	<i>Please complete overleaf</i>
6. Electricity			
7. Dust			
8. Fumes			
9. Manual Handling			
10. Noise			
11. Lighting			
12. Computers			
13. Any other hazards			

(Please refer to Risk Assessment Matrix to indicate how Severity and Likelihood combine to produce a Risk score)
Likelihood x Severity = Risk Score, = Low, Medium or High risk

Type & Source Of Hazard	Nature Of The Risk	Type Of Activity In Which Risks May Arise	Control Measures	Risk Rating			L M H	Any Further Control Measures Required
				L	S	R		
Electrical hazard	Burn	Touching the lamp in the ray box	Lamp shielded in ray box. Students warned to take care not to touch the lamp	1	1	1	L	
General hazard	Tripping	Students walking around laboratory	Bags, coats and stools to be placed under benches.	2	2	4	L	
Electrical Hazard	Electric Shock	Connecting /Disconnecting ray box to power supply	Low voltage supplied used. Students told to switch off power before connecting and disconnecting ray box.	1	2	2	L	

INDICATE WHAT FIRST AID ARRANGEMENTS ARE IN PLACE

A science technician (qualified first aid at work) shall be present during all science practical lessons.
First aid kit available in all science prep rooms (Physics NB232, Chemistry NB237B & Biology NB124A).

Assessment performed by : (Please Print Name)	Lisa Jenkins	Position :	Subject Leader / Lecturer of Physics
Date of Assessment :	19th November 2008		
Signed :			

ACTION LIST RECOMMENDATIONS	Risk Rating			L M H	TO BE ACTIONED BY	DATE ACTION COMPLETED	SIGNATURE
	L	S	R				