

# Science Practical Risk Assessment

<b>School of Maths &amp; Science</b>	<b>Practical Activity Title</b>	<b>Variation of current with P.D. for a Diode</b> (MAS_SP_6020_variation_of_current_with_pd_for_a_diode)		<b>Risk Assessment No.</b> MAS_RA_6020_variation_of_current_with_pd_for_a_diode	
Location	<b>Physics Lab. NB231</b>			<b>Revision level: 1</b>	
Assessment Performed By	<b>Dr Lisa Jenkins</b>	Signature:		Date:	<b>30-Apr-09</b>
Supported By	<b>Gareth John</b>	Signature:		Date:	<b>30-Apr-09</b>
Approved By	<b>Kelly Gay (H.o.S.)</b>	Signature:		Date:	<b>30-Apr-09</b>
Date of Re-assessment (if necessary)	<b>Re-assess if any changes to procedure or equipment / chemicals are made.</b>				

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		
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 circuits	Low voltage supplied used. Students told to switch off power before connecting and disconnecting circuits.	1	2	2	L	
General Hazard	Burn	Student touching hot diode.	Low voltage supply. Students advised to turn off circuit as soon as results have been obtained. Take care not to touch hot diode.	2	2	4	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)	<b>Dr. Lisa Jenkins</b>	Position :	<b>Subject Leader / Lecturer of Physics</b>
Date of Assessment :	<b>30<sup>th</sup> April 2009</b>		
Signed :			

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