

Science Practical Risk Assessment

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|--------------------------------------|---|---|--|---|--------------------|
| School of Maths & Science | Practical Activity Title | Behaviour of rubber (MAS_SP_6005_behaviour_of_rubber) | | Risk Assessment No. MAS_RA_6005_behaviour_of_rubber | |
| Location | Physics Lab. NB231 | | | Revision level: 1 | |
| Assessment Performed By | Dr Lisa Jenkins | Signature: | | Date: | 11-Jul-2008 |
| Supported By | Gareth John | Signature: | | Date: | 11-Jul-2008 |
| Approved By | Brian Harris (H.o.S.) | Signature: | | Date: | 11-Jul-2008 |
| 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 | | |
| General Hazard | Tripping | Students walking around laboratory | Bags, coats and stools to be placed under benches | 2 | 2 | 4 | L | |
| General Hazard | Injury to students | Weights and rubber band becoming detached | Students told to attach weights and rubber band securely. Goggles to be worn | 2 | 2 | 4 | L | |
| General Hazard | Injury to students | Toppling of retort stand | Students told to use G clamp or large weight to prevent stand from toppling. | 2 | 2 | 4 | L | |
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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).

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|--|------------------------|------------|-------------------------|
| Assessment performed by : (Please Print Name) | Dr Lisa Jenkins | Position : | Physics Lecturer |
| Date of Assessment : | 11 July 2008 | | |
| Signed : | | | |

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