

Rothamsted Research - Risk Assessment Form

Description of Activity / Task (including any tools / equipment to be used)			
A visit to Bioimaging by A Level students from local schools to observe the operation of light, laser and electron microscopes.			
Location (including building and room where applicable, for generic tasks list the environment e.g. labs, offices, outside)			
Rothamsted Research Bioimaging (Bawden 008)			
Assessed by			
Date			
People who may be affected (numbers)			
Those directly involved & numbers	3	Members of Public	2
Others working in vicinity	2	Young persons	40
Other staff e.g. Maintenance/Cleaning staff	0		
Hazards (include amounts and hazard statements for chemicals)		Potential harm (e.g. injuries or health effects)	
Electrical		Electrocution	
Sectioning equipment, razor blades, glass		Cuts	
Liquid nitrogen		Suffocation, cold burns	
		Add more rows if required	
Precautions taken to reduce risk (e.g. containment, local exhaust ventilation, etc)			
Only RRES staff will have contact with equipment.			
Electrical equipment regularly PAT tested. X-ray emission level from EMs tested annually.			
Low oxygen detectors are in rooms where LN2 is used in large quantities and are annually tested. Liquid nitrogen dewers will be left empty or removed from the rooms to reduce risk.			
Blades and sharps will be stored away or made safe before students enter the rooms.			
Students will be supervised by accompanying school staff and Rothamsted staff at all times and made aware of the risks.			
Additional Documents / Information (e.g. other Risk Assessments, Guidance Notes, Policies, SOPs, GHS, Project number)			
Equipment will only be operated by the demonstrators following SOPs.			
BBSRC guidance notes "working with young people"			
Personal Protective Equipment (list type of PPE to be used & any particular requirements)			
Safety goggles and gloves will be available.			
Monitoring procedures (eg health surveillance, machinery or equipment operation/ maintenance schedule)			
Emergency procedures (specialist procedures to adopt in the event of an incident)			
The demonstrator will point out to the students the fire exits and fire assembly point.			
First aid staff will be present.			
Is task adequately controlled		YES / NO (delete as appropriate)	
If NO what further action is required to reduce risks (list actions, by whom and time scale for completion)			
Signed		Date	

