




## Baxter Risk Assessment Form

School Assessment No:	INFRA 35
Title of Activity:	Use of lab compressor
Location(s) of Work:	Assisted Living Lab; Bayes Centre 1.25
	

**Hazard Identification:**

<b>Hazard(s)</b>	<b>Present Risk Evaluation</b>  L/M/H	<b>Control Measures</b> (i.e., alternative work methods / mechanical aids / engineering controls, etc.)	<b>Risk Evaluation after control</b>  L/M/H
Entry of compressed air into bloodstream	M	Only those who have been instructed in its proper use may operate the compressor.  NEVER direct an air blast at yourself or at any other person. REMEMBER that a high-pressure jet of air can cause injury.	L
Skin or eye damage from contact with blown particles such as metal swarf.	M	NEVER attempt to blow dust or dirt off skin or clothing.  The compressed air stream should not be used for cleaning purposes.  In free air flow situations eye protection must be worn to protect the eyes against flying swarf and dirt particles.	L
Unsecured hoses whipping under pressure.	L	Visual inspection of hoses should be made before starting the operation.  Ensure that all hose fittings are securely connected prior to use.	L
Electrical hazard	M	The equipment must be regularly safety tested.  Visual inspection of the lead and plug should be made prior to use.	L
Slips/trips	L	Avoid creating trip hazards caused by hoses running across the workspace.  Ensure that your workspace is free of slip/trip hazards.	L



**Engineering Controls:**

Guarding		Extraction (LEV)		Interlocks		Enclosure	
Other relevant information (incl. testing frequency if appropriate):							

**Personal Protective Equipment (PPE):**

Eye / Face	X	Hand /Arm		Feet / Legs		Respiratory	
Body (clothing)		Hearing		Other (Specify)			
Specify the grade(s) of PPE to be worn:							
Specify when during the activity the item(s) of PPE must be worn:							

**Non-disposable items of PPE must be inspected regularly and records retained for inspection**

Persons at Risk:

Academic staff	X	Technical staff	X	P'Grad students	X	U'Grad students	X
Maintenance staff	X	Office staff		Cleaning staff		Emergency personnel	
Contractors		Visitors	X	Others			

**Additional Information:**

All air receivers must be subject to a thorough examination at annual intervals.
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Assessment carried out by:

Name:	Vladimir Ivan	Date:	25/08/2021
Signature:		Review Date:	25/08/2022



## Safe system of work – Form SSW

### Working with compressor – INFRA 35

**The compressor may only be used for those projects which are appropriate to it.** Risk assessment must be countersigned before using the equipment. No unauthorised use is allowed.

Before use check the hoses are properly connected. Check the maintenance records to ensure the regular maintenance has been done. If in doubt do the regular checks personally and sign the maintenance sheet to indicate this.

If any injury occurs, the unit should be stopped, disabled and medical assistance sought.

Once finished. Shut down unit and any associated equipment.

The emergency phone number is 2222

The nearest First Aid box is in the floor kitchen

Informatics First Aider list can be found on the web at;

<http://www.inf.ed.ac.uk/safety/first-aiders.html>

