



General Risk Assessment

Form RA1

(Refer to Notes for Guidance before completing this form)

School Assessment No:	-
Title of Activity:	IMechE Design Challenge
Location(s) of Work:	Robert Gordon University, Aberdeen
Brief Description of Work: Competing at the IMechE Design Challenge 2024 using a device built by students	

Hazard Identification: Identify all the hazards; evaluate the risks (low / medium / high); describe all existing control measures and identify any further measures required. Specific hazards should be assessed on a separate risk assessment form and cross-referenced with this document. Specific assessments are available for hazardous substances, biological agents, display screen equipment, manual handling operations and fieldwork. See <https://www.ed.ac.uk/health-safety/online-resources/risk-assessments> for details.

Hazard(s)	Present Risk Evaluation L/M/H	Control Measures (i.e., alternative work methods / mechanical aids / engineering controls, etc.)	Risk Evaluation after control L/M/H
Electrocution	M	Ensuring no bare wires and using a 10A fuse	L
Battery Leakage	L	Maintain distance while vehicle is under operation. Use new batteries	L
Hot glue - burns	H	Avoid the nozzle. Do not keep hot glue gun on unless in use. Keep away from others	M

**Continue on separate sheet if necessary*



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Engineering Controls: *Tick relevant boxes*

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

Personal Protective Equipment (PPE): Identify all necessary PPE.

Eye / Face		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: **Identify all those who may be at risk.**

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

Additional Information: Identify any additional information relevant to the activity, including supervision, training requirements, special emergency procedures, requirement for health surveillance etc.

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Assessment carried out by:

Name:		Date:	
Signature:		Review Date:	