

HAZARD EVALUATION FORM FOR ENGINEERING PROJECT, ME40321

To be completed by the student and supervisor together.

Student: <u>Hannah Rosen</u>
Supervisor: <u>Jérémie Bonvoisin</u>
Title of project: <u>Design of a DIY Bike Kit</u>
Brief description of project: <u>Building on the work completed in the Adjustabike project in 2019, this project aims to design a flexible open source bike kit using as high a ratio of standard:custom parts as possible</u>
Proposed location: <u>Student Model Shop</u>
IDENTIFIABLE SIGNIFICANT HAZARDS
Please tick the following if applicable:
<input type="checkbox"/> rotating machinery <input type="checkbox"/> heavy weights <input type="checkbox"/> lasers <input type="checkbox"/> noise
<input type="checkbox"/> high voltages <input type="checkbox"/> fumes <input checked="" type="checkbox"/> large forces <input type="checkbox"/> dust
<input type="checkbox"/> high temperatures <input checked="" type="checkbox"/> VDU <input type="checkbox"/> water
<input type="checkbox"/> substances hazardous to health (dust, gases, chemicals, fuels, oils, toxic fumes, etc) (see COSHH regulations: http://www.hse.gov.uk/coshh/)
<input type="checkbox"/> other (please specify):
LASERS – contact Dr Charles Courtney
COSHH/ Risk Assessment - contact David Williams.
CONTROL MEASURES – Note that significant risks must be Risk Assessed in addition to this form and must be referred to David Williams.
Describe measures that you will take to ensure the safety of the student: <u>Use caution and consult technicians if using Instran machine. Take regular breaks when using VDU screens.</u>

The SAFETY APPROVAL FORM should be signed by the student and supervisor (see second sheet).

An electronic copy of the form should be submitted to Moodle no later than 16:00 on 27 November 2019

Forms will be forwarded to David Williams (Safety Coordinator) for signature.

SAFETY APPROVAL FORM FOR FINAL YEAR PROJECT, ME40321

Student: <u>Hannah Rosen</u>	
Supervisor: <u>Jérémie Bonvoisin</u>	
Assigned technician: <u>Andy Church</u> Location: <u>Student Modelshop</u> (see list of technicians assigned to projects by Andrew Green)	
Project Title: <u>Design of a DIY Bike Kit</u>	
SAFETY ASPECTS OF OPERATING PROCEDURES	
<ul style="list-style-type: none"> It is a requirement that all mains powered equipment must pass a defined electrical safety test. This test is carried out by the Instrumentation section and must be repeated after any wiring change. No electrical equipment, electronic equipment or detachable mains lead to be used without a valid 'tested' label or with covers removed. No electrical wiring for more than 30 volts AC or DC should be carried out by Mechanical Engineering staff or students without consultation with a member of the Instrumentation section. If personal protective equipment (goggles, ear defenders) is required, written instructions for use must be specified for the procedure. Use safety approved computing facilities only. Do not spend extended periods looking at a VDU screen; a maximum of 2 hours a session is advisable. Switch to other work for a while. 	
Supervisor and student: Are there COSHH implications? <u>YES/NO*</u> If YES, do you have approval from David Williams? <u>YES/NO*</u> <u>n/a</u> * delete as applicable	
Please sign below to confirm that all hazards have been considered and steps have been taken to protect the student:	

	Print Name	Signature	Date
Student:	<u>Hannah Rosen</u>	<u>Rosen</u>	<u>26/11/2017</u>
Supervisor:	<u>Jérémie Bonvoisin</u>	<u>B</u>	<u>26/11/2017</u>
Safety Coordinator:	<u>David Williams</u>		<u>Form updated 11/10/17</u>

The form should be submitted via Moodle only. The student should retain the original signed copy (and keep it safe).