

University of Glasgow

Work Placement Risk Assessment form

School Details

School: School Of Engineering. _____

Head of School: Prof. John Marsh _____

Placement Supervisor: Mr Douglas Irons _____

Trainee Details

Name: _____

Address: _____

Age: _____ *School:* _____

Emergency Contact Name: _____

Emergency Contact Number: _____

SECTION A - Description of activities

The activities that will be carried out by the trainee are as follows:-

The trainee will be carrying out some of the following activities depending on the particular work pattern at the time of the placement.

Electronics Workshop

1. Undertake a soldering exercise _____
2. Introduction to working with small hand tools _____
3. Observing a PCB being etched and drilled _____
4. How to use an oscilloscope _____
5. Construction of a small electronic circuit (VHF radio or similar) _____

SECTION B - Hazards associated with the activities

The hazards that are listed below may be encountered in association with the activities detailed above. An explanation of the hazard and its method of control is given under each item indicated.

- | | |
|---------|--|
| 1 & 5 | Smoke inhalation and burns |
| 2,3 & 5 | Cuts and eye damage from flying off-cuts |
| 3 | Chemical splashes - ingestion/skin/eye irritation,
Vapour inhalation - respiratory irritation |
| 4 | No significant hazard |

General

Working in the Electronics workshop presents the normal hazards associated with electrical equipment. Covers will not be removed and equipment will not be worked on with any young person unless unpowered.

1 & 5 The trainee will have hazards described and will be shown the correct method to avoid risk of injury. A fan providing a fast flow of air away from the face will be provided to prevent smoke inhalation. Rosin free solder is in use.

2,3 & 5 The trainee will have the hazards described and will be shown the correct method to avoid risk of injury. Eye protection will be supplied.

3 The trainee will have the hazards described and will wear protective clothing and face mask and stand well clear of the process and observe only.

SECTION C - General precautions for protection of trainee from risk

The following general precautions will be taken to prevent the trainee suffering harm from the hazards indicated.

Training: Before embarking on any of the above activities the trainee will be shown the correct approach and have the hazards explained by a qualified and experienced technician in the area.

Supervision: Whilst in the Electronics workshop the trainee will be under the general supervision of the Deputy Technical Services (anager Electronic Services) who may delegate the training and direct supervision to an experienced technician under his charge. The trainee will be supervised at all times while working in the area.

Protective Equipment: A lab coat and safety glasses will be provided and must be worn by the trainee at appropriate times when working in this area.

Signature of Assessor: _____

C Hardy

Date: _____

23/11/2012

Signature of Placement Supervisor:
(if different from Assessor) _____

D Irons

Date: _____

25/11/12

Should you wish to discuss any aspect of this placement, please contact : Douglas Irons – Tel. 0141 330 5251