

Elementary first aid procedures:

Electronics: Industrial technology

In this activity you will learn the correct procedures to carry out in the event of an injury in the workshop.

This material addresses aspects of the following syllabus outcomes:

- 4.1.1 The student identifies and applies fundamental OH&S principles when working with materials, tools and machines
- 5.1.1 The student identifies, assesses and manages the risks and OH&S issues associated with the use of a range of materials, hand tools, machine tools and processes.

Extract from: Stage 4 Industrial Technology Syllabus © Board of Studies NSW 2003.



First aid symbol

Workshops are hazardous environments. The hand tools, machine tools, materials used and the people working with them, create risks.

Risk assessment, safety education and the enforcement of safe working practices are essential to minimise the risks associated with working in this environment.

Even when all care is taken, accidents can happen through human error or inattention.

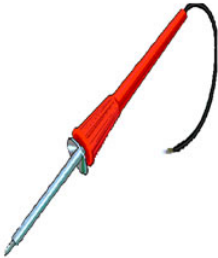
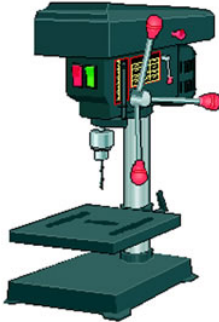

First aid procedures will assist to control an injury until further medical help can be accessed if necessary.

The OH&S Regulation 2001 states that every workplace has a legal responsibility to ensure adequate first aid provisions. Where there are more than 25 employees, trained first aid personnel should be available.

In *Electronics*, a variety of tools, specialist equipment and chemicals are used in the production of projects. You need to be aware of the risks associated with using these items.

Activity 1


Label each item shown below and describe the type of injury that may occur through the incorrect use of that item.

Item	Injury that may occur
 Name: _____	_____ _____ _____
 Name: _____	_____ _____ _____
 Name: _____	_____ _____ _____

In a class situation, it is the teacher's responsibility to attend to injuries. As a student you have a responsibility to assist the teacher and minimise any further risk.

Activity 2

For each of the injuries described below, state what action you should take to assist the teacher.

Injury	Action taken by student
A student using a drill press has fine shavings in their eye.	<hr/> <hr/> <hr/> <hr/>
A student using a soldering iron has slipped while soldering components on a circuit board and has badly burned their finger.	<hr/> <hr/> <hr/> <hr/>
A student has been constructing a housing for an electrical circuit and has cut their hand with a saw.	<hr/> <hr/> <hr/> <hr/>
A student has collapsed on the floor. You see a pool of water nearby and an electrical cord. 	<hr/> <hr/> <hr/> <hr/> <hr/>