

Industry Study: Safety and WorkCover: Industrial Technology

In this activity you will examine the need for safe working practices and explore some basic first aid procedures.

This material addresses aspects of the following syllabus outcomes:

P 2.1 The student describes and uses safe working practices and correct workshop equipment maintenance techniques.

Extract from: Stage 6 Industrial Technology Syllabus © Board of Studies NSW 2003.

All industries (including schools) are covered by Government legislation related to Occupational Health and Safety (OH&S) and this is administered and monitored by WorkCover in New South Wales.

Within your *Focus Area* of study, you will be given thorough safety instruction on the correct use of a range of hand and machine tools and practical processes.

Identifying the hazards in a working environment and taking steps to control or minimise them is known as risk management. All employers are obligated to manage risks and follow WorkCover regulations for OH&S (currently OHS Regulation 2001).

WorkCover's role in ensuring occupational health and safety is to:

- set the Act and regulations
- monitor and inspect workplaces for breaches of the Act and regulations
- investigate workplace accidents
- impose fines or prosecute for breaches of the Act and regulations
- issue prohibition and improvement notices to ensure workplace health and safety.

Note: WorkCover looks after workers compensation too.



Activity

Answer the following questions from the summary of the OH&S Regulation 2001
<http://www.workcover.nsw.gov.au/Publications/LawAndPolicy/Regulations/summaryohsreg2001.htm>

1. Outline the five measures that must be taken to minimise or control risks?

2. Employers are obligated to carry out risk management. Visit the WorkCover web site <www.workcover.nsw.gov.au> and outline the steps that must be followed. You will need to search for **risk management**.

3. For the following tools, machines and processes, identify the hazard and describe ways to minimise those hazards.

| Tool/machine/process | Hazard | Ways to minimise the hazards |
|----------------------|--|---|
| Chisel | <ul style="list-style-type: none"> _____ _____ | <ul style="list-style-type: none"> _____ _____ |
| Drill press | <ul style="list-style-type: none"> _____ _____ _____ _____ | <ul style="list-style-type: none"> _____ _____ _____ _____ _____ |

| | | |
|----------------|--|--|
| Router | <ul style="list-style-type: none"> • _____ _____ • _____ _____ • _____ _____ • _____ _____ • _____ _____ | <ul style="list-style-type: none"> • _____ _____ • _____ _____ • _____ _____ • _____ _____ • _____ _____ |
| Computer | <ul style="list-style-type: none"> • _____ _____ • _____ _____ • _____ _____ • _____ _____ | <ul style="list-style-type: none"> • _____ _____ • _____ _____ • _____ _____ • _____ _____ |
| Spray painting | <ul style="list-style-type: none"> • _____ _____ • _____ _____ | <ul style="list-style-type: none"> • _____ _____ • _____ _____ |