

## PPE assessment: General wood: Industrial Technology

In this activity you will learn about responsible and safe use of a range of tools, materials and techniques in design projects.

This material addresses aspects of the following syllabus outcomes:

- 5.1.1 A 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: Years 7–10 Industrial Technology Syllabus © Board of Studies NSW 2003.

### Fundamental occupational health and safety (OH&S) principles



Before beginning any task in a technology classroom particularly if it involves the use of power tools or machinery, it is very important to be able to:



- recognise and safely use elementary tools, materials and equipment
- use personal protective equipment (PPE) when working with materials, tools and machines
- recognise simple first aid procedures.

### Activity: PPE assessment

In this activity you will focus on the most suitable personal protective equipment for a range of processes. Examine the following workshop tasks listed below. Then identify the minimum PPE you would need to wear in order to safely carry out the task listed. Select the most appropriate PPE and record in the correct place in the table.

<b>Overalls</b> 	<b>apron</b> 	<b>face mask with filtration canister(s)</b> 	<b>hair restraint</b> 	<b>dust mask</b> 
<b>sandals</b> 	<b>enclosed leather shoes</b> 	<b>safety glasses</b> 	<b>rubber gloves</b> 	

Practical task	Minimum PPE requirements
<b>Sanding:</b> Hand sanding with a cork block.	
<b>Marking out:</b> Using a try square, rule and marking knife to mark out timber. 	
<b>Planing:</b> Planing timber along the grain. 	
<b>Drilling:</b> Using the drill press.	

Practical task	Minimum PPE requirements
<p><b>Sawing:</b> Cutting out a rebate with a tenon saw.</p> 	
<p><b>Chiselling:</b> Removing waste from a rebate joint with a chisel.</p> 	
<p><b>Clamping:</b> Using G-cramps to hold work down.</p>	