

Risk assessment: Technology (Mandatory)

Answers

Activity: Risk assessment

1. Figure 1 clearly shows a hazardous workspace.

a) How could you avoid the three hazards above?

Hazard 1

The person in the picture should have their work firmly clamped to the bench before they begin sawing.

Hazard 2

All of the off cuts of timber should be cleaned up immediately and placed into a recycle bin.

Hazard 3

The person using the chisel needs to have their hands behind the cutting edge and the timber needs to be firmly clamped to avoid movement.

Hazard 4

The person carrying the chisel should be carrying it with the point pointing down.

b) Discuss the type of injuries that could occur due to the hazards identified.

If the job or the saw slips when sawing it could cause you to accidentally collide with someone and the impact could injure them. The off cuts are trip hazards and therefore could result in someone falling and injuring themselves or others. The chisel could spear the hand if the hands remain in front of the cutting edge when chiselling.

2. In small groups, look at all of the potential hazards in Figure 1 and rank the hazards in order of least dangerous through to most dangerous. Your group needs to indicate why they chose this particular order.

