

Personal protective equipment (PPE): Industrial Technology

Answers

Activity 1: The right PPE for the job

Read the material above and complete the following task by inserting the minimum PPE you would require in order to safely carry out the task listed.

Practical task	Minimum PPE required
1. using a drill press	• face and eye protection • apron • hair net, long hair restrained • enclosed leather shoes
2. using a fixed disc sander	• safety glasses • apron • hair net, long hair restrained • enclosed leather shoes
3. using an orbital sander	• safety glasses • apron • hair net, long hair restrained • enclosed leather shoes • dust mask • ear plugs (for prolonged use)
4. using a cordless drill	• safety glasses • apron • hair net, long hair restrained • enclosed leather shoes
5. using an angle grinder	• face and eye protection • apron • hair net, long hair restrained • enclosed leather shoes • ear plugs (for prolonged use)

Activity 2: Risk assessment

Look at Figure 1 featuring students working in a technology workshop. Identify the six situations where the use of PPE would prevent a potential accident happening.

1. Student in workshop with thongs on.
2. Student using lathe without eye protection.
3. Student using lathe without wearing an apron and hair restraint.
4. Student using angle grinder without using ear protection.
5. Student using a lathe without a dust mask.
6. Student using orbital sander with no eye protection.