

Learner Self-reflection 2 – 24350 (v3) Identify, select, use and maintain portable power tools for BCATS projects

Student name:

- 1 Why do you not use a poorly-fitting screwdriver bit when using a power screwdriver?

- 2 What materials are the cheapest drill bits made of?

- 3 What is the disadvantage of using this type of drill bit?

- 4 What is the most common type of quality general-purpose drill bit?

- 5 Describe the advantage of the centre-point drill bit for drilling timber.

6 What type of drill bit is needed to drill into concrete?

7 What type of power drill do you need to drill through concrete?

8 You need to drill a hole in a narrow, confined space. What type of power drill is best to use?

9 What could happen if you try to hold small objects in your hands when drilling?

10 Identify 4 safety rules for when using a portable power drill.

1.
2.
3.
4.

11 When drilling a hole in a piece of metal using a large-sized bit, what is the possible injury to the operator if the drill jams?

12 Identify **THREE** actions that can cause a drill bit to break.

1.
2.
3.

13 What can you do to avoid splintering the exit hole?

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14 You have to drill a 38mm hole through a piece of 10mm MDF. What type of drill and drill bit should you choose? Give reasons for your choice:

Type of bit:

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Reason:

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