

Learner Self-reflection 1 – 24350 (v3) Identify, select, use and maintain portable power tools for BCATS projects

Student name:

- 1 What are the possible consequences of failing to disconnect a power tool from the power source before making adjustments to it?

- 2 Describe the advantages and disadvantages of each of the power sources:

AC mains-powered tools

Advantages:

Disadvantages:

Cordless power tools

Advantages:

Disadvantages:

Pneumatic tools

Advantages:

Disadvantages:

- 3 Why should you never carry a power tool by the lead or unplug it by pulling on the lead?

- 4 What hazards are associated with laying extension leads directly on the ground?

5 What should you do if you find a kink in a lead?

6 What is likely to happen if you roll your leads up in a tight knot or ball?

7 What could happen if you cut through a live extension lead?

8 What does smoke coming from a power tool, or one that smells of burning, indicate and what should be done to remedy the situation?

9 What are the effects of having clogged or blocked air vents on a tool?