# **Knowledge assessment - 12927 (v5) – Demonstrate knowledge of, select, maintain and use hand tools for BCATS projects**

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| **Student Name**: |
| Project 1:  |  |
| Project 2: |  |

1. Complete the following table for tools used while completing your projects.

|  | **Name of tool** | **What did you use it for?** | **What made it the ideal tool for this task?** | **What might make you consider a different tool for a similar task next time?** | **Project 1 ✓***(Tick if you used it for your project.)* | **Project 2 ✓***(Tick if you used it for your project.)* |
| --- | --- | --- | --- | --- | --- | --- |
| *Eg* | *5m tape measure* | *To measure the length of the section of timber required to construct the framing for the non-consent utility building*  | *The 5m tape allowed for all measurements to be marked for cutting.*  | *To achieve a high level of accuracy a laser measurer could be used to measure up a large area for tiling or concreting.*  | *X* |  |
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| 10. |  |  |  |  |  |  |

1. Complete the following table for the tools you listed in the first table.

|  | **Name of tool** | **What recommendations are there for safe use of the tool, including PPE?** | **What care and maintenance is required to keep this tool in good working condition?**  |
| --- | --- | --- | --- |
| ***Eg*** | *5m tape measure* | *Wind in the tape slowly, rapid rewind can cause the tape to be out of control. No PPE is specifically required.* | *Avoid loops in the tape as they may cause it to snap when it is pulled tight.* *Keep the tape dry, lightly oiled and free from grit that may scratch its surface and make reading and rewinding difficult.* *Avoid retracting the tape hard onto the stop end.* |
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Assessor comments and sign off:

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| **Comments:** |
| Assessor name: ………………………………………………………………………….. Assessor signature:…………………………………………………… Date:……………………..   | RESULT:A = Achieved, N = Not Yet Achieved |