

PROWMP01 (SQA Unit Code – HE8V 04)

Maintain tools and equipment used in wood products manufacturing



Overview

This standard addresses the competence required to maintain hand tools and equipment used in wood products manufacturing. This involves:

- 1 checking the condition of tools
- 2 carrying out routine maintenance
- 3 bringing tools into working condition
- 4 working in ways which maintains your own and others' safety

The standard is aimed at operatives manufacturing wood products.

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Performance criteria

- You must be able to:
- P1 check the condition of tools on a regular basis
 - P2 sharpen cutting edges to keep them in effective working condition as required for your craft
 - P3 oil and grease tools as required to prevent them being damaged and to maintain their effectiveness
 - P4 keep tools clean and free from dust and debris
 - P5 accurately identify tools that are damaged and remove them for repair
 - P6 make sure that tools are stored away safely and tidily in the designated locations when not in use
 - P7 follow safe working practices when handling tools, equipment, oils and greases
 - P8 wear the appropriate personal protective equipment (PPE) for the work you are doing
 - P9 make an accurate assessment of what needs to be done to bring the tool back into working condition
 - P10 promptly report any tools which are beyond repair
 - P11 use the appropriate equipment and techniques to achieve the required tolerances
 - P12 use suitable tests to check the condition of the tool
 - P13 confirm that the tool is of the required sharpness and performance accuracy before returning it as ready for use

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**Knowledge and
understanding**

You need to know
and understand:

- K1 the different sorts of tools that are used
- K2 what to look for when checking the condition of different sorts of tools
- K3 the implications of not keeping cutting edges sharp
- K4 where and how often to oil and grease tools and what sorts of oils/greases to use
- K5 the implications of not keeping tools clean and free of dust and debris
- K6 why it is important to put tools away properly
- K7 how to recognise tools that are damaged and need more than routine maintenance to bring them into working condition
- K8 the types of damage that can occur to tools and how to recognise them
- K9 the implications for your work of the relevant regulations, including where to find out about relevant risk assessment and control measures that have been set by your organisation
- K10 the potential hazards that can arise from defective and faulty tools
- K11 the different sorts of tools that are used in making wood products by hand
- K12 what needs to be done to bring tools into a working state
- K13 the purpose of different materials and techniques and when to use them
- K14 how to recognise damage that can be repaired as well as damage that cannot be repaired
- K15 how to test tools for sharpness and performance accuracy

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Relevant occupations	Paper and Wood Machine Operatives; Furniture Maker and Other Craft Woodworkers;
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