



Australian Government

Assessment Requirements for FWPCOT3201 Hand sharpen knives and blades

Release: 1

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Modification History

Release	Comment
1	Replaces equivalent unit FPICOT3201B Hand sharpen knives and blades, which was first released with FPI11 Forest and Forest Products Training Package Version 2.2. This is the first release of this unit in the new standards format. Assessment requirements now specify the performance and knowledge evidence, as well as assessment conditions for this unit of competency. These sections simplify and replace components used in the previous unit format, including Required Skills and Knowledge, Evidence Guide and Range Statement

Performance Evidence

A person demonstrating competency in this unit must satisfy all of the elements, performance criteria and foundation skills of this unit. If a specific volume or frequency is not stated below, then evidence must be provided that the following requirements have been performed on at least one occasion:

- follow organisational policies and procedures relevant to hand sharpening knives and blades
- safely and effectively hand sharpen knives and blades, using powered and manual sharpening equipment
- follow requirements of work order
- remove and replace knives and blades from equipment
- record and report workplace activity.

Knowledge Evidence

A person competent in this unit must be able to demonstrate knowledge of:

- regulations, standards, codes of practice and established safe practices for hand sharpening knives and blades
- geometry of knife blades including the pitch and angle that a knife or blade is sharpened at, allowing for the device that the knife or blade is in and the material it will be cutting
- defects of knife blades including: cutting edges with:
 - burrs
 - burns

- chips
- splits
- dents
- characteristics of metal, knives and blades including at least one of the following:
 - saw blades
 - planer blades
 - thicknesser blades
 - spindle moulder knives
 - another production equipment type with knives or blades.
- sharpening methods and geometry including:
 - pitch
 - depth of cut
 - speed the knife or blade is sharpened at to obtain a sharp edge
- manual sharpening equipment, procedures for their safe use and maintenance including:
 - power driven sharpening equipment with procedures for safe use and lock-out
 - files (round, triangular, square and flat)
 - honing tools
 - saw sets
- environmental protection requirements, including the safe disposal of waste material, the cleaning of plant, tools and equipment
- organisational and site standards, requirements, policies and procedures for hand sharpening knives and blades
- environmental risks and hazards associated with hand sharpening knives and blades
- procedures for recording and reporting workplace records and information.
- established communication channels and protocols

Assessment Conditions

The following resources must be made available:

- knives and blades to be hand sharpened
- sharpening equipment
- work order, workplace requirements and site standards for hand sharpening knives and blades.
- relevant personnel for the purposes of communicating information

Competency is to be assessed in the workplace or a simulated environment that accurately reflects performance in a real workplace setting.

Assessor requirements

Assessors must:

- hold the appropriate assessor competency standards as outlined in regulations; and
- be able to demonstrate vocational competencies at least to the level being assessed; and

- be able to demonstrate how they are continuing to develop their VET knowledge and skills as well as maintaining their industry currency and assessor competence.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47>