Assessment Requirements for FWPCOT5201 Implement sustainable forestry practices

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Modification History

Release	Comment
1	Replaces equivalent unit FPICOT5201B Implement sustainable forestry practices which was first released with FPI11 Forest and Forest Products Training Package Version 2.2.
	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, and must be able to provide evidence that they can:

- Develop and document environmentally sustainable forest management strategies for a given forestry operation site.
- Incorporate strategies and practices to protect flora, fauna, culturally significant landscapes, natural or anthropogenic formations and constructions through managing the following issues:
    - waste disposal
    - managing the integrity of water bodies
    - managing integrity of soil
    - effective use of irrigation and watering systems
- Complete an environmental management audit for a given site where forestry operations are present; report outcomes and document recommendations for improvements to environmental protection practices.

Knowledge Evidence

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

- Purpose and key content of environmental protection laws applicable to forestry operations.
- Key content of current government and industry environmental sustainability initiatives, codes of practice and guidelines.
- Environmentally sustainable management strategies and protection practices for forest settings:

- - minimising temporary, short-term, long-term and permanent damage to natural flora, fauna and landscape
  - returning the environment to its original or near to original condition on completion of activity
  - soil and water protection
  - management of fire and weeds
  - disposing of, recycling and reusing timber and other waste
  - composting waste
  - safely cleaning plant, tools and equipment
  - protecting flora and fauna
  - maintenance of culturally significant landscapes, natural or anthropogenic formations and constructions.
- Energy flow and food web frameworks.
- Strategies to manage integrity of water bodies including methods to minimise effects of common pollutants on water bodies.
- Irrigation and watering strategies that aim to:
  - minimise evaporation
  - minimise run-off
  - accurately deliver water.
- Strategies to manage soil integrity, including:
  - appropriate species and planting patterns to minimise wind and water erosion
  - methods for managing nutrients and stages of nutrient cycling.
- Soil testing processes and results interpretation.
- Range of environmental considerations relevant to environmental site audits, including:
  - topography
  - water use
  - waste emissions.
- Format, content and use of audit reports.
- Organisational and site standards, policies and procedures for sustainable forestry practices.

Assessment Conditions

The following resources must be made available:

- Computers, keyboards, printers and software used to prepare environmental management strategies, plans and audit reports.
- Worksheets, checklists and other proformas commonly used to conduct an environmental management audit
- Organisational and site standards, policies and procedures for sustainable forestry practices.

Competency is to be assessed in the workplace or other equivalent or suitable 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.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47