



Australian Government

Assessment Requirements for FWPCOT6205 Prepare an enterprise carbon management report

Release: 1

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Modification History

Release	Comment
1	Replaces equivalent unit FPICOT6205A Prepare an enterprise carbon management report 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:

- For a given forest and wood products industry organisation within any sector:
 - identify mandatory and voluntary obligations for reporting on carbon management
 - identify content mandated by standards or regulatory bodies
 - develop one report for one specified reporting time period using organisational styles and formats
 - include the following information in the report:
 - content mandated by standards or regulatory bodies
 - organisational drivers for carbon accounting and reporting
 - diagram of organisational and operational boundaries for the carbon inventory
 - organisational emissions sources, offsets and their scope
 - summary carbon inventory table
 - whether or not the organisation's total carbon emissions breach any reporting thresholds
 - financial implications and risks for the organisation of various carbon price signals
 - setting of carbon reduction targets and objectives for the organisation
 - options for the introduction of new carbon management principles
 - recommended actions for reducing organisational greenhouse gas emissions
 - recommended actions for improving carbon accounting and reporting
 - barriers experienced when developing the inventory and report.

Knowledge Evidence

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

- Methods to access, locate and select applicable objectives and key content in relevant international and national conventions, protocols, standards and guidance frameworks, including the following key references:
 - Kyoto Protocol
 - ISO 14000 essentials:
 - ISO 14064-1 2006 Greenhouse gases—Part 1: Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals
 - Greenhouse Gas Protocol Corporate Standard
 - Copenhagen Agreement
- Voluntary and mandatory requirements for reporting on carbon management to meet requirements of standards and regulation and required content.
- Key drivers for carbon accounting and reporting.
- Basic theory of the greenhouse effect and its impacts
- Basic principles of the carbon cycle and influences.
- Carbon accounting terminology, frameworks and methods used to report calculations for carbon emissions and offsets.
- Types of emissions and offset sources included in common calculations and reports, including:
 - direct GHG emissions
 - indirect GHG emissions
 - on-site and off-site emissions (geographical)
 - upstream emissions
 - downstream emissions
 - full cycle accounting
 - non-CO2 emissions; soil disturbance, fertilisation, biomass combustion
- Organisational and operational boundaries for the carbon inventory.
- The full range of organisational emission sources and methods used to select key emission factors for calculations and reports.

In forest applications a person must also be able to demonstrate knowledge of the following as they apply to preparing an enterprise carbon management report:

- above ground biomass
- below ground biomass
- dead organic matter - wood, litter
- soil organic matter

Assessment Conditions

The following resources must be made available:

- Computer, keyboard and software to prepare and maintain reports.
- Access to International and national conventions, protocols and standards:
- Kyoto Protocol
- ISO 14000 essentials:
 - ISO 14064-1 2006 Greenhouse gases—Part 1: Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals
 - Greenhouse Gas Protocol Corporate Standard.
- Copenhagen Agreement
- Carbon inventory data for the organisation.
- Organisational formats and style guides for the presentation of reports.

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.
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Links

Companion Volume implementation guides are found in VETNet -

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