



Australian Government

**Assessment Requirements for MSS015021
Measure and report carbon footprint of a
product or product class**

Release: 1

Assessment Requirements for MSS015021 Measure and report carbon footprint of a product or product class

Modification History

Release 1. Updated unit code. Unit title changed. Changes to performance criteria. Range of conditions removed. Assessment requirements amended. Equivalent outcome.

Performance Evidence

There must be evidence the candidate has completed the tasks outlined in the elements and performance criteria of this unit, and:

- measured and reported the carbon footprint of at least 1 product or product class.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- process and changes which occur at each step in selected value chain
- types of carbon emissions, including:
 - gases, vapours and fumes
 - liquids
 - solids
 - assumed emissions through material balancing
 - assumed emissions through energy loss, including heat, friction and other energy conversion yield losses
 - greenhouse gases, including those defined under the Kyoto protocol
- carbon emission sources
- root cause analysis
- methods of reducing carbon emissions and embodied carbon
- carbon equivalence of different emissions
- environmental legislation, regulation and protocols, including greenhouse gas protocols and associated ISO standards.

Assessment Conditions

Skills must have been demonstrated in the workplace or in a simulated environment that reflects workplace conditions, contingencies, facilities, equipment and resources.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

Links

The MSS Sustainability Companion Volume implementation Guides are available from VETNet: -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=5b04f318-804f-4dc0-9463-c3fb9a3fe998>