



Australian Government

Assessment Requirements for MSS015050

Conduct an emissions audit

Release: 1

Assessment Requirements for MSS015050 Conduct an emissions audit

Modification History

Release 1. Unit code changed. Application changed. Elements changed. Performance Criteria changed. Foundation Skills populated. Assessment Requirements changed. Workplace outcome changed. Supersedes and is not equivalent to MSS015030 Conduct an emissions audit.

Performance Evidence

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

- conduct an emissions audit for at least one organisation, a significant part of an organisation or part of the value chain
- develop at least 3 recommendations for emission reduction.
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Knowledge Evidence

There must be evidence the candidate has knowledge of:

- external and internal sources of materials commonly used in the industry
- type and nature of emissions relevant to materials commonly used in the industry
- first law of thermodynamics
- material (mass) balancing techniques for process and process steps
- methods of measuring actual process amount and flows
- principles of circularity and/or closed loop
- circular approaches to reducing waste
- emission reduction strategies and methods along with costs, effectiveness and alternative disposal strategies
- methods of cost-benefit analysis
- current and emerging approaches to quantifying and evaluating costs, benefits, impacts and risks in relation to sustainability, including direct, indirect and intangible factors
- calculation, manipulation and interpretation of numerical data, including establishing series, means, correlations and rates of change
- sustainability-related regulatory and reporting requirements relevant to the industry
- sustainability-related voluntary standards, codes, reporting frameworks, certification and co-regulatory arrangements relevant to the industry.
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Assessment Conditions

Skills must have been demonstrated in the workplace or in a simulated environment that reflects workplace conditions and contingencies. The following conditions must be met for this unit:

- use of suitable facilities, equipment and resources, including:
 - access to data on material usage and material flow
- modelling of industry operating conditions.

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

Links

Companion Volume Implementation Guides are available from VETNet - -

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