



Australian Government

Assessment Requirements for MSS014018

Apply circularity design thinking to all work streams

Release: 1

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Modification History

Release 1. New unit.

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:

- determine and plan at least one improvement to circularity within own sphere of decision making, with agreement from customer
- develop information to promote understanding of and engagement with at least one circularity improvement outside own sphere of decision-making.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- frameworks for determining customer perspectives
- current and emerging circular approaches to reducing negative impact throughout the life of a process, product or service including:
 - human-centred and iterative design
 - designing out waste and pollution
 - choice of lower impact and/or renewable materials, resources and energy
 - reduction of material, resources and energy usage, including through digitalisation, dematerialisation, shared resources and service-based ‘products’
 - extended product life and retaining and/or managing residual resources including modularity, repairability, stewardship, remanufacturing
 - design for natural regeneration
- application of systems thinking to:
 - identifying and solving problems
 - evaluating sustainability risks, impacts, costs and benefits of process, product or service within own area of responsibility
 - identifying likely impact of change
- legislation, regulations, standards and voluntary codes relevant to the organisation and its circularity approach
- influence, persuasion and negotiation techniques
- techniques to facilitate communications and agreement with a range of stakeholders
- techniques to generate ideas, including at least 2 of the following:
 - brainstorming
 - reverse brainstorming

- ‘what if?’
- trigger storming
- mindmapping
- SCAMPER.

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
- modelling of industry operating conditions.

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

Links

Companion Volume Implementation Guides are found in VETNet - -

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