



Australian Government

MSTGN3018 Support sustainable practice in apparel and textile design and production

Release: 1

MSTGN3018 Support sustainable practice in apparel and textile design and production

Modification History

Release 1. New unit.

Application

This unit describes the skills and knowledge required to source information about sustainability in the context of apparel and textile design and production, use sustainable work practices and contribute to improved sustainability.

This unit applies to all workers in the textile, clothing and footwear industries.

No licensing or certification requirements exist at the time of publication. Relevant legislation, industry standards and codes of practice within Australia must be applied.

Pre-requisite Unit

Nil

Competency Field

Generic

Elements and Performance Criteria

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Source information about sustainability	1.1 Identify authoritative sources of information about sustainability and sustainable resources in apparel and textile design and production 1.2 Identify the end to end scope of sustainable practice in apparel and textile design and production and how it impacts own work role 1.3 Identify industry frameworks that define sustainability standards and certifications 1.4 Identify sustainability frameworks that impact own workplace
2. Use sustainable practice in own work	2.1 Identify and use work practices and resources that support sustainable practice within the scope of own work role 2.2 Identify and use opportunities to model sustainability habits to others
3. Contribute to	3.1 Identify opportunities in own work area where sustainability may be

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improved sustainability	improved 3.2 Share information and ideas with others about potential opportunities based on the nature of the work 3.3 Identify and use opportunities to maintain currency of own knowledge about sustainable practice

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

- Reading skills to interpret diverse and unfamiliar information about sustainability
- Oral communication skills to liaise with others about both factual information and ideas.

Other foundation skills essential to performance are explicit in the performance criteria of this unit.

Unit Mapping Information

No equivalent unit.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a203ec5c-de7d-406b-b3e1-8f1a9b76e92e>

Assessment Requirements for MSTGN3018 Support sustainable practice in apparel and textile design and production

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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:

- access information about sustainability in apparel and textile design and production from two different sources and provide a verbal or written report on key features of sustainable practice in three different areas of work
- complete three different work tasks using work practices and resources which support sustainable practice
- identify two ways that sustainability of own work practice could be improved.
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Knowledge Evidence

There must be evidence the candidate has knowledge of:

- sources of authoritative information about sustainability in apparel and textile design and production
- current and emerging sustainability concepts:
 - different types of sustainability – economic, environmental and social
 - circular economy
 - product stewardship and sustainability through the supply chain, including the concept of ‘greenwashing’
 - closed loop processes
- changing business and consumer attitudes to sustainability
- basic meaning and application of sustainable practice in the context of the following:
 - design, re-use and adaptation
 - product lifecycle considerations
 - zero waste patternmaking
 - use of:
 - local resources
 - raw materials – type, source and process
 - reclaimed materials
 - process used to turn raw materials into products
 - packaging
 - recycling

- sustainable supply
- transport
- waste minimisation and management – time, energy, materials, water
- role and responsibilities of individuals and organisations in supporting sustainability:
 - individual workers – through following procedures for sustainability and taking a pro-active approach to improvement
 - businesses – through systems and procedures
 - consumers – through purchasing, use and disposal
- basic types and features of sustainability standards and certifications used in the industry.

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:
 - information sources about sustainability in the apparel and textiles industry.

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

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