



Australian Government

AURAEA001 Identify environmental and sustainability requirements in an automotive service or repair workplace

Release: 1

AURAEA001 Identify environmental and sustainability requirements in an automotive service or repair workplace

Modification History

Release	Comment
Release 1	New unit of competency.

Application

This unit describes the performance outcomes required to identify environmental and sustainability requirements in an automotive service or repair workplace. It involves identifying direct hazards to the environment from the service and repair of vehicles, as well as identifying sustainability practices that may reduce the environmental impact of work practices and outputs.

It applies to those undertaking a Vocational Education and Training in Schools (VETiS) or pre-vocational qualification as preparation to entering the automotive service and repair or automotive manufacturing industry. The unit is designed for use in a highly supervised context and is not suitable for use in a vocational qualification.

No licensing, legislative, regulatory or certification requirements apply to this unit at the time of publication.

Competency Field

Common

Unit Sector

Environment

Elements and Performance Criteria

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold and italicised text is used, further information is detailed in the range of conditions section.
1. Identify methods of	1.1 Storage methods for parts and components containing

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controlling hazards to stormwater and wastewater drainage systems	environmentally hazardous materials are identified 1.2 Trapping, storing and disposal procedures for liquid wastes are identified 1.3 Actions are identified that prevent waste from entering either stormwater or wastewater drainage systems 1.4 Uses of a spill kit are identified
2. Identify methods of protecting air quality and controlling noise hazards	2.1 Methods of minimising airborne particles, gases and fumes are identified 2.2 Methods of containing airborne particles, gases and fumes are identified 2.3 Methods of minimising noise are identified 2.4 Methods of insulating noise from immediate environment are identified
3. Identify general workplace sustainability practices	3.1 Methods of minimising waste are identified 3.2 Methods of sorting and storing items for recycling or disposal are identified 3.3 Methods to reduce resource consumption are identified

Foundation Skills

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

Skills	Description
Learning skills to:	locate appropriate information.
Reading skills to:	interpret key information from workplace procedures and literature when identifying environmental and sustainability best practices.
Oral communication skills to:	participate effectively in verbal exchanges using questioning and active listening to request, clarify and clearly convey information.

Range of Conditions

This section specifies work environments and conditions that may affect performance. Essential operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included. Bold italicised wording, if used in the performance criteria, is detailed below.

There is no Range of Conditions for this unit.

Unit Mapping Information

Equivalent to AURAEA1001 Identify environmental requirements in an automotive workplace

Links

Companion Volume implementation guides are found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b4278d82-d487-4070-a8c4-78045ec695b1>

Assessment Requirements for AURAEA001 Identify environmental and sustainability requirements in an automotive service or repair workplace

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Performance Evidence

Before competency can be determined, individuals must demonstrate they can perform the following according to the standards defined in this unit's elements, performance criteria and foundation skills:

- identify the environmental and sustainability best practices of one automotive service and repair workplace.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- types of waste produced by automotive repair workplaces, including:
 - vehicle wastes, including:
 - coolants
 - oils
 - exhaust emissions
 - evaporative fuel emissions
 - waste components, including tyres
 - noise
 - workplace wastes, including:
 - cleaning materials
 - paper waste
- procedures for controlling hazards to stormwater and wastewater drainage systems, including:
 - trapping, storing and disposing of fluids released from vehicles
 - trapping spills, including the use of spill kits

- preventing hazards entering stormwater and wastewater drainage systems, including grease traps and triple interceptors
- procedures for protecting air quality and controlling noise hazards, including:
 - minimising the emission of airborne particles, gases, fumes and noise
 - containing and redirecting airborne particles, gases and fumes
 - insulating noise from automotive workshops
- procedures for minimising waste
- procedures for sorting and storing items for recycling or disposal
- procedures for reducing resource consumption, including water, electricity, fossil fuels and chemicals.

Assessment Conditions

Assessors must satisfy NVR/AQTF assessor requirements.

Competency is to be assessed in the workplace or a simulated environment that accurately reflects performance in a real workplace setting.

Assessment must include direct observation of tasks.

Where assessment of competency includes third-party evidence, individuals must provide evidence that links them to the automotive repair workplace in which they have identified environmental and sustainability best practices, e.g. company name, address and workshop supervisor.

Assessors must verify performance evidence through questioning on skills and knowledge to ensure correct interpretation and application.

The following resources must be made available:

- automotive repair workplace or simulated workplace that complies with current state or territory environmental regulations.

Links

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