



Australian Government

AURAEA003 Monitor environmental and sustainability best practice in an automotive workplace

Release: 1

AURAEA003 Monitor environmental and sustainability best practice in an automotive workplace

Modification History

Release	Comment
Release 1	New unit of competency.

Application

This unit describes the performance outcomes required to monitor environmental and sustainability practices and processes in an automotive repair workplace. It involves ensuring that existing environmental and sustainability workplace procedures and processes comply with workplace requirements and environmental regulations.

It applies to those working in the automotive repair industry.

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. Prepare to monitor workplace compliance with environmental regulations	1.1 <i>Environmental laws, regulations and standards</i> relevant to own workplace are sourced and interpreted 1.2 Procedures and equipment that enable compliance with environmental regulatory requirements are identified in own workplace

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.
	1.3 Procedures and equipment that support sustainability best practice are identified in own workplace
2. Monitor workplace compliance with environmental best practice	2.1 Cleaning activities are monitored to ensure wastewater and contaminants do not enter water systems or land areas according to workplace procedures 2.2 Liquid waste disposal activities are monitored to ensure waste is trapped, stored and disposed of according to workplace procedures 2.3 Hazardous airborne particles, gases and fumes reduction and containment procedures are monitored according to workplace procedures 2.4 Hazardous noise reduction and containment procedures are monitored to ensure they are at safe levels according to workplace procedures 2.5 Environmental damage and breaches of environmental regulations are monitored, responded to, and reported as required according to workplace procedures
3. Monitor and contribute to sustainability best practice in own workplace	3.1 Workplace sustainability best practice activities that minimise waste are monitored to ensure compliance with workplace procedures 3.2 Workplace sustainability best practice activities that reduce energy resource consumption are monitored to ensure compliance with workplace procedures 3.3 Problems with complying with <i>sustainability best practice</i> are identified, responded to, and reported as required according to workplace procedures

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 sources of information efficiently.
Reading skills to:	interpret information from workshop literature when seeking environmental and sustainability best practice procedures.

Skills	Description
Writing skills to:	legibly and accurately fill out workplace documentation when reporting issues.
Oral communication skills to:	inform colleagues and supervisors of workplace environmental problems and issues.
Planning and organising skills to:	plan own work requirements and prioritise and sequence actions to achieve required outcomes and ensure tasks are completed within workplace timeframes.
Teamwork skills to:	collaborate and cooperate with other team members.

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.

<i>Environmental laws, regulations and standards</i> must include:	- commonwealth, state and territory legislation - local government by-laws and regulations.
<i>Sustainability best practice</i> must include:	- recycling or reusing waste - conserving energy - conserving natural resources, such as water.

Unit Mapping Information

Equivalent to AURAEA3003 Monitor environmental and sustainability best practice in the automotive mechanical industry

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 AURAEA003 Monitor environmental and sustainability best practice in an automotive workplace

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Performance Evidence

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

- carry out an environmental and sustainability audit of one automotive workplace that:
 - identifies the workplace's environmental and sustainability practices and equipment
 - assesses the workplace's ability to comply with commonwealth, state and territory environmental legislation and local government by-laws and regulations.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- environmental regulations and standards relevant to own automotive workplace, including commonwealth, state and territory legislation and local government by-laws and regulations
- procedures for reporting environmental damage and breaches
- procedures and processes that support environmental sustainability practices, including:
 - reducing waste
 - reusing materials
 - recycling waste
- types of waste produced by automotive workplaces and their impact on the environment, including:
 - vehicle wastes, including:
 - coolants
 - oils
 - exhaust emissions

- evaporative fuel emissions
- waste components, including tyres
- noise
- workplace wastes, including:
 - cleaning materials
 - paper waste
 - general rubbish
- 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
- procedures for controlling hazards to stormwater and wastewater drainage systems, including:
 - capturing, 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 bunding, grease traps and triple interceptors
- procedures for protecting air quality and controlling noise hazards, including:
 - minimising the emission of airborne particles, gases and fumes
 - containing and redirecting airborne particles, gases and fumes
 - insulating noise from automotive workshops
- procedures for monitoring workplace environmental and sustainability practices and equipment, including workplace environmental auditing.

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 having monitored environmental and sustainability best practice in an automotive workplace, e.g. workplace environmental audit.

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 workplace or simulated workplace
- environmental regulations and standards relevant to automotive workplace, including commonwealth, state and territory legislation and local government by-laws and regulations
- workplace environmental auditing documentation.

Links

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