



Australian Government

AURAQA002 Inspect technical quality of work in an automotive workplace

Release: 1

AURAQA002 Inspect technical quality of work in an automotive workplace

Modification History

Release	Comment
Release 1	New unit of competency.

Application

This unit describes the performance outcomes required to gather information to inspect work done by colleagues to support workplace quality outcomes. It involves demonstrating discretion, judgement and problem-solving skills in managing own work activities and contributing to a productive team environment.

It applies to those working in service, repair, sales or office administration job roles in the automotive industry.

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

Competency Field

Common

Unit Sector

Quality

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. Gather information to carry out inspection	1.1 Quality inspection specifications and tolerances are accessed and analysed 1.2 Equipment and materials required to support inspection are identified and prepared

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 Options for inspection methods are analysed and those most appropriate to the situation are selected and prepared 1.4 <i>Inspection information</i> is sourced and interpreted
2. Inspect work	2.1 Work to be inspected is identified and confirmed according to workplace procedures 2.2 Inspections of work are conducted at regular intervals and according to manufacturer specifications and workplace procedures, and coordinated with other workplace activities according to workplace quality systems and procedures 2.3 Faults or non-compliances identified are reported to supervisor according to workplace procedures 2.4 Documentation, including non-compliance report, is completed accurately according to workplace procedures
3. Make recommendations	3.1 Corrective action to be carried out is agreed and authorised by the responsible supervisor 3.2 Quality improvements and recommendations are communicated to supervisor 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 manufacturer and workshop literature when seeking quality specifications and procedures.
Writing skills to:	legibly and accurately record information and complete workplace forms using correct spelling, grammar and technical information.
Oral communication skills to:	participate in verbal exchanges to provide feedback to supervisors and staff on quality problems and issues, using clear language and correct technical terminology.
Numeracy skills to:	- interpret numerical information in product and service quality specifications - use mathematical operations, including addition, subtraction,

Skills	Description
	multiplication and division, to check calibrations, tolerances and work outcomes against quality specifications.
Planning and organising skills to:	plan own work requirements and prioritise actions to achieve required outcomes and ensure tasks are completed within workplace timeframes.
Technology skills to:	use specialist quality inspection equipment.

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>Inspection information</i> must include:	- manufacturer and component supplier specifications - legal requirements - safety requirements - workplace environmental requirements - workplace procedures relating to the inspection.
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Unit Mapping Information

Equivalent to AURAQA3002 Inspect technical quality of work

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 AURAQA002 Inspect technical quality of work 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 standards defined in this unit's elements, performance criteria, range of conditions and foundation skills:

- carry out two technical quality inspections in an automotive service and repair workplace
- complete a workplace quality report relating to the above inspections.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- common automotive industry and quality terminology
- quality systems and procedures relating to automotive workplace, including:
 - quality system documentation, including work instructions
 - product specifications
 - equipment maintenance schedules
 - technical procedures and specifically prepared standards
 - vehicle safety requirements
 - work planning processes
 - safe operating procedures
 - work site environmental control measures
 - workplace reporting procedures
- types of quality inspections, including:
 - periodic inspection during job
 - observation at completion of job
 - random inspections
 - component inspections

- invoicing compliance
- checks of rectification of reported and diagnosed problems
- types of quality specifications or performance indicators, including:
 - time, quantity, quality and cost
 - targeting high risk areas
 - measures to avoid wastage
 - internal and/or external customer satisfaction
 - processes to ensure a 'right first time' approach
- procedures for carrying out technical quality inspections, including:
 - identifying relevant quality specifications or performance indicators
 - assigning rankings to quality specifications or performance indicators
 - measuring performance against quality specifications or performance indicators
 - documenting quality inspections, including non-compliance reports.

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 inspected the technical quality of work in an automotive workplace, e.g. inspection reports.

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 service, repair, sales or office administration workplace or simulated workplace
- commercially realistic situations requiring inspections of technical quality
- work instructions and workplace procedures relating to technical quality inspections.

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