



Australian Government

Assessment Requirements for AUMATW002 Inspect welding

Release: 1

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Modification History

Release	Comment
Release 1	Unit updated to reflect the new standards for Training Packages Replaces AUMATW4002 Conduct welding inspection

Performance Evidence

Before competency can be determined, individuals must have competently inspected and tested welds on vehicles bodies and components on a minimum of three occasions.

Individuals must demonstrate they can:

- conduct welding inspections and tests, and identify deviations, observing work health and safety (WHS) requirements and workplace procedures
- select and use weld inspection and testing equipment, methods and techniques
- interpret workplace weld quality requirements
- make recommendations for action, based on analysis of test results
- clearly and legibly report inspection and test results and recommendations.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- WHS requirements when inspecting welds
- workplace procedures when inspecting welds
- weld testing equipment methods and techniques
- processes for conducting post-welding inspections and tests
- workplace weld quality requirements
- non-destructive testing techniques
- methods for correcting welding defects
- methods of controlling distortion of welds.

Assessment Conditions

Assessors must satisfy SNR/AQTF assessor requirements.

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

Where assessment of competency includes third-party evidence, individuals must provide evidence that links them to the inspection and testing of vehicle and component welds, e.g. work orders.

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 manufacturing workplace or simulated workplace
- tools, equipment and machinery required for inspecting and testing welding of vehicles and componentry
- vehicles and components with welds that require inspecting and testing
- workplace procedures and WHS requirements to inspect welds.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=bd587669-08b3-4cd5-85f0-f9fa0c6304c1>

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