



Australian Government

Assessment Requirements for AUMATW001 Test vehicle welds ultrasonically

Release: 1

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Modification History

Release	Comment
Release 1	Unit updated to reflect the new standards for Training Packages Replaces AUMATW3001 Test welds ultrasonically

Performance Evidence

Before competency can be determined, individuals must have competently tested welds using ultrasonic equipment on a minimum of two occasions.

Individuals must demonstrate they can:

- locate, interpret and apply ultrasonic weld testing instructions
- follow manufacturer's weld standards and specifications
- comply with work health and safety (WHS) requirements and workplace procedures when conducting ultrasonic testing
- comply with workplace quality requirements
- use ultrasonic equipment safely to test welds
- communicate ultrasonic test requirements with co-workers
- interpret ultrasonic weld test results
- complete work sheets and test results relating to testing vehicle welds ultrasonically.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- WHS requirements when conducting ultrasonic testing
- workplace procedures when conducting ultrasonic testing, including ultrasonic testing procedures
- weld quality standards
- weld terminology
- vehicle welding techniques of metal components
- vehicle specifications.

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 vehicle welds they have tested ultrasonically, 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
- ultrasonic testing equipment and instructions
- welded vehicles or components for testing
- work sheets and test result documents relating to ultrasonic vehicle welds
- workplace procedures and WHS requirements to conduct ultrasonic testing.

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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