



Australian Government

Assessment Requirements for AUMATE001 Rework faulty production engines

Release: 1

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Modification History

Release	Comment
Release 1	Unit updated to reflect the new standards for Training Packages Replaces AUMATE3001 Rework production engines

Performance Evidence

Before competency can be determined, individuals must have competently reworked production engines on a minimum of two occasions.

Individuals must demonstrate they can:

- locate, interpret and apply repair information and job specifications
- comply with work health and safety (WHS) requirements relating to the rework of faulty production engines
- follow workplace procedures relating to the repair of engine faults
- use tools and equipment safely
- communicate effectively and safely with others in an engine repair workshop
- handle and place engines safely.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- WHS requirements relevant to repairing engines
- workplace procedures relating to repair of engine faults
- engine repair quality standards
- automotive industry terminology relating to engines and their components
- mechanical principles and functions of engines
- mechanical tools and equipment to repair faulty engines
- engine faults and symptoms
- engine testing techniques and equipment
- engine rework techniques and equipment.

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 engines on which they have worked e.g. repair 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
- original equipment manufacturer (OEM) procedures for repairing engines
- workplace instructions relating to the rework of faulty engines
- engine specifications
- engines with production faults
- tools and equipment for reworking engines.

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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