



Australian Government

Assessment Requirements for AUMGTB011 Assemble, install and test braking system kits

Release: 1

AUMASA011 Apply safe work practices in the automotive manufacturing environment

Modification History

Release	Comment
Release 1	New unit of competency

Performance Evidence

Before competency can be determined, individuals must have competently assembled, installed and tested a braking system kit on a minimum of one occasion, in the manner described in the Performance Criteria of the unit.

Individuals must demonstrate they can:

- comply with workplace procedures and quality guidelines relating to assembling and installing braking system kits
- assemble and install braking system kit and its components
- test at least one of the following braking systems:
 - electric
 - hydraulic
 - mechanical
- check all sources of information for assembling braking system kit, including:
 - customer requirements
 - manufacturer specifications
 - Vehicle Standards Bulletin 6 (VSBS) national Code of Practice – Heavy Vehicle Modifications

Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements and performance criteria of this unit. This includes:

- WHS requirements and workplace procedures relating to assembling, installing and testing braking system kits
- braking system operating principles
- fabrication and routing procedures for brake lines
- procedures for assembling, fitting, bleeding and adjusting braking system kits
- brake fluid types and applications
- compatibility of different braking systems and technologies within truck/trailer combinations, including compliance, safety and performance implications.

Assessment Conditions

Assessors of this unit must satisfy the assessor requirements in applicable vocational education and training legislation, frameworks and/or standards.

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 vehicles on which they have worked, e.g. work sheets.

The following resources must be made available:

- automotive workplace or simulated workplace
- work sheets and workplace procedures relating to assembling and installing braking system kits
- braking system kits
- manufacturer specifications for braking system kits
- manufacturer fitting and operating instructions
- tools, equipment and fluids relating to assembling and installing braking systems
- vehicle or simulated frame for fitting a braking system kit.
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Links

Companion Volume Implementation Guides are found in VETNet -

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