



**Australian Government**

# **Assessment Requirements for AUMGTM002 Assemble vehicle frames and axles**

**Release: 1**

# Assessment Requirements for AUMGTM002 Assemble vehicle frames and axles

## Modification History

Release	Comment
Release 1	Unit updated to reflect the new standards for Training Packages Replaces AUMGTM3002 Assemble frame and axle

## Performance Evidence

Before competency can be determined, individuals must have competently assembled vehicle frames and axles on a minimum of two occasions.

Individuals must demonstrate they can:

- communicate with co-workers in assembly area
- select appropriate parts, materials, tools and equipment for assembling vehicle frames and axles
- assemble frames, axles, suspension and associated components according to workplace procedures and work health and safety (WHS) requirements
- weld components according to job specifications, workplace procedures and WHS requirements
- complete vehicle frame and axle assembly work sheets.

## Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- WHS requirements relating to assembling vehicle frames and axles
- types and applications of vehicle frames, axles and suspension systems
- procedures for assembling vehicle frames and axles, including:
  - component parts and materials, including:
    - fasteners: clips, pins and clamps; nuts and bolts; and screws
    - service lines
  - types, application and operation of common vehicle component assembly equipment, including fastener tensioning procedures
- manual-handling techniques for vehicle frames and axles
- communication protocols to report equipment faults.

## 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 vehicle frames and axles that they have assembled, e.g. assembly work sheets.

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 and equipment required for the assembly of vehicle frames and axles
- workplace instructions, procedures and job specifications relating to assembling frames and axles
- materials, axles, suspension systems, service lines and components to produce an assembled frame and axles
- vehicle or simulated frame
- assembly work sheets and job specifications.

## Links

Implementation Guide -

<http://www.asacompanionvolumes.com.au/aum-implementation-guide>

Assessment Strategies Guide -

<http://www.asacompanionvolumes.com.au/aum-assessment-guide>