



Australian Government

Assessment Requirements for AURVTW010 Set up and use welding equipment

Release: 1

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Modification History

Release	Comment
Release 1	New unit of competency

Performance Evidence

Before competency can be determined, individuals must demonstrate they can perform the following according to the standard defined in this unit's elements, performance criteria and foundation skills:

- set up and use welding equipment on at least two occasions.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- key aspects of work health and safety (WHS), occupational health and safety (OHS) and environmental requirements, including:
 - safety data sheets (SDS) and toxic chemicals and gases used and produced in welding
 - potential hazards and risks relating to welding, including fire hazards and ultraviolet skin and eye damage
 - use of personal protective equipment, including safety glasses and welding helmets, ear protections and safety footwear
 - use of fume extraction system and welding bay
 - disposal of welding material and wastes
- types of welding equipment, including:
 - metal arc
 - gas metal arc
- types of fluxes and gases used in welding
- welding equipment set-up procedures
- types and purposes of different welding techniques
- key steps in different welding techniques.

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 welding activities, 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 workplace or simulated workplace
- welding equipment and tools, including at least one of the following:
- metal arc welder
- MIG welder
- welding bay, curtains and fume extraction
- fluxes, gases, welding rods and wire.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b4278d82-d487-4070-a8c4-78045ec695b1>

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