



Australian Government

Assessment Requirements for AHCINF204 Fabricate and repair metal or plastic structures

Release: 1

Assessment Requirements for AHCINF204 Fabricate and repair metal or plastic structures

Modification History

Release Number	TP Version	Comments
1	AHCv1.0	Initial release

Performance Evidence

The candidate must be observed undertaking minor fabrication and repair of metal or plastic structures where the services of a specialist trades person is not necessary.

The candidate must be assessed on their ability to integrate and apply the performance requirements of this unit in a workplace setting. Performance must be demonstrated consistently over time and in a suitable range of contexts.

The candidate must provide evidence that they can:

- identify job requirements and select materials, tools and equipment
- identify hazards apply safe work practices including use of personal protective equipment
- identify and use jointing methods and safe repair and fabrication techniques
- use welding and thermal cutting equipment safely
- clean up after operations

Knowledge Evidence

The candidate must demonstrate knowledge of:

- types of fabrication materials and their various applications
- range of metals and non-metal materials that may be used in fabrication and repair
- industry joining and welding techniques and fabrication and repair methods
- work health and safety requirements
- environmental codes of practice with regard to equipment operation and maintenance activities
- operating principles and operating methods for equipment
- various types of welders and respective functions
- environmental impacts and minimisation measures

Assessment Conditions

Competency is to be assessed in the workplace or simulated environment that accurately reflects performance in a real workplace setting.

Assessors must satisfy current standards for RTOs.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>