



Australian Government

**Assessment Requirements for CUAACD509
Develop and refine metalworking
techniques**

Release: 1

Assessment Requirements for CUAACD509 Develop and refine metalworking techniques

Modification History

Release	Comments
Release 1	This version first released with CUA Creative Arts and Culture Training Package version 2.0.

Performance Evidence

Evidence of the ability to:

- Evidence of the ability to:
- produce multiple metal items using a range of effective metalworking techniques, considering the properties and behaviour of metals being used
- follow safety instructions and requirements to set up and use metalworking equipment, tools and materials
- evaluate the success of conceptual and technical outcomes of final products.

Note: If a specific volume or frequency is not stated, then evidence must be provided at least once.

Knowledge Evidence

To complete the unit requirements safely and effectively, the individual must:

- identify current metalworking technologies and equipment and explain their application to different purposes
- discuss the properties and applications of metalworking materials and techniques
- outline reasons for the selection of particular materials and techniques and explain how particular effects are achieved
- describe common technical problems that arise in the metalworking processes of cutting, bending, shaping, soldering, brazing and welding
- explain how wastage can be avoided when working with metal and associated materials
- discuss work health and safety requirements for maintenance, storage and use of equipment and materials used in metalworking.

Assessment Conditions

Assessment must be conducted in a safe environment where evidence gathered demonstrates consistent performance of typical activities experienced in creative arts industry environments. The assessment environment must include access to:

- a work space in which items can be constructed safely
- safety information and instructions
- technical information and specifications for metalwork
- metalworking materials, tools and equipment
- relevant people.

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

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=1db201d9-4006-4430-839f-382ef6b803d5>