



Australian Government

Assessment Requirements for CUAACD510 Manage kiln operations

Release: 2

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Modification History

Release	Comments
Release 2	This version was released with CUA Creative Arts and Culture Training Package Version 4.1. Minor updates to Assessment Conditions.
Release 1	This version first released with CUA Creative Arts and Culture Training Package Version 2.0.

Performance Evidence

Evidence of the ability to:

- determine kiln type required for own work
- implement required safety practices for kiln loading and operation
- produce multiple fired craft pieces that are technically sound
- solve technical problems arising from the firing process
- prepare own firing schedules
- establish and maintain a firing log
- pack and fire kilns independently.

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:

- discuss historical and contemporary trends kiln types, kiln construction and kiln operation
- identify properties and capabilities of the range of firing materials, tools and equipment, including pyrometric instruments
- detail properties and specification of different kiln types
- explain specific firing processes, including required firing stages, changes to materials, temperature range and timing of each stage of the process
- identify typical problems that occur with kilns and with the firing process and explain how they may be resolved in the context of relevant materials and art forms

- detail the workplace health and safety requirements for the set-up, operation and maintenance of kilns.

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:

- sources of information for:
 - safety requirements
 - historical and contemporary kilns
 - kiln types, specifications and operation
- unfired ceramic, glass or other refractory work
- a workplace or studio for the firing of craft work.

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

Links

Companion Volumes are available from VETNet -

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