



**Australian Government**

# **Assessment Requirements for CUAGLA513 Refine kiln cast glass techniques**

**Release: 1**

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## Modification History

Release	Comments
Release 1	This version first released with CUA Creative Arts and Culture Training Package Version 5.0.

## Performance Evidence

The candidate must demonstrate the ability to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including evidence of the ability to:

- produce at least three kiln cast glassworks using process of experimentation and practice and refinement of techniques, which:
  - demonstrates command of chosen techniques in both single works and multiples of related works
  - demonstrates development of individual style
  - supports own ideas for work.

In the course of the above, the candidate must:

- research different historical and contemporary kiln cast glasswork and techniques to inform own designs
- apply work health and safety (WHS) and sustainability practices
- identify and comply with copyright and intellectual property requirements.

## Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including knowledge of:

- copyright and intellectual property requirements required for producing glassworks
- historical and contemporary influences applicable to refining kiln cast glass techniques
- detailed characteristics and complex interrelationships relating of elements and principles of design used in kiln cast glasswork, and how they may be challenged
- features and use of:
  - open moulds
  - investment (closed) moulds
  - flat, tall and hollow forms

- thin and thick casts
- simple and complex forms
- factors to consider when planning firing schedules, including:
  - complexity of form and its mould
  - glass manufacturer's recommended annealing schedules
  - material condition of mould
  - number of moulds in kiln
  - thickness of form
  - type of glass being used
  - type of kiln being used
- features of kiln casting techniques and how they achieve different effects in kiln cast glasswork, including:
  - structural support for large scale work
  - making and joining modules
  - refractory mould-making techniques
  - combining kiln cast glass with glass components made using other techniques
  - adding colour to the casting glass
  - finishing techniques
- firing and annealing requirements of kiln cast glass process
- ways to explore, adapt and experiment with kiln casting techniques and materials for development of individual style
- characteristics of different tools and equipment used to produce kiln cast glass objects, including key physical features and uses and cleaning and maintenance techniques
- common work space requirements for producing kiln cast glass objects and ways of organising space and equipment for safe and efficient work operation
- safety and sustainability requirements for glasswork.

## Assessment Conditions

Skills in this unit must be demonstrated in a workplace or simulated environment where the conditions are typical of those in a working environment in this industry.

This includes access to:

- equipment, tools and materials used to produce kiln cast glass objects
- required information sources.

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

## Links

Companion Volume Implementation Guide is found on VETNet -

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

