



**Australian Government**

# **Assessment Requirements for MSFID4013 Design residential interior lighting**

**Release: 1**

# Assessment Requirements for MSFID4013 Design residential interior lighting

## Modification History

Release 1. Supersedes and is not equivalent to MSFID4008 Assess interior light and recommend light fittings.

## Performance Evidence

There must be evidence the candidate has completed the tasks outlined in the elements and:

- designed and documented lighting solutions for residential spaces in response to 3 project briefs with varying parameters in terms of:
  - space aspect and orientation
  - type of space
  - different moods or atmospheres to be achieved
  - different activities to be addressed
  - budget.
  -

## Knowledge Evidence

There must be evidence the candidate has knowledge of:

- type and scope of client and/or project brief information needed to inform research and recommendation:
  - budget
  - client preferences
  - aesthetic and functional requirements
  - site characteristics – size, shape, services, structural considerations
  - timeline
- types and features of resources that support the provision of design advice, and how they are used, including:
  - research tools and techniques
  - product tools
  - communication tools
- mathematical procedures for estimation, measurement and calculation of costings
- basic light characteristics:
  - natural
  - UV
  - interaction between colour and light
- how aspect and orientation impact light and lighting selection

- supplementary lighting:
  - effects on the colour spectrum
  - special effects that can be achieved
  - technical terminology
- sources of information on lighting products and devices
- types, characteristics, uses and limitations of different lighting products and devices in different spaces
- switching options and requirements
- features and effects of different lighting devices:
  - bulb types
  - ceiling lights
  - flood lights
  - lamps
  - spot lights
  - wall lights
- methods of light control and their uses in different situations
- how furnishing selections impact light in an interior space
- the relationship between lighting and key parameters for:
  - atmosphere and mood
  - activities undertaken in the space
- how to identify basic aspects of electricity board that may impact lighting choices:
  - age of board
  - number of circuits
  - safety switches
  - signs of rewiring
- Australian lighting standards and drawing conventions for lighting formats.
- 

## Assessment Conditions

Skills must have been demonstrated in the workplace or in a simulated environment that reflects workplace conditions and contingencies. The following conditions must be met for this unit:

- use of suitable facilities, equipment and resources, including:
  - design briefs
  - sites for lighting
  - measuring equipment
  - information technology for research and design presentation.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

## Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0601ab95-583a-4e93-b2d4-cfb27b03ed73>