



Australian Government

Assessment Requirements for MSFID6010 Design commercial interior lighting

Release: 1

Assessment Requirements for MSFID6010 Design commercial interior lighting

Modification History

Release 1. Supersedes and is not equivalent to MSFID5006 Design interior lighting.

Performance Evidence

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

- designed and documented lighting solutions with 3D visualisations for 3 different commercial spaces:
 - each space must be different in terms of activities, tasks and processes undertaken in the space
 - 1 must be an existing space requiring a new lighting design
 - 1 must be a potential space, yet to be constructed.
 -

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
- artificial light:
 - effects on the colour spectrum

- energy efficiency
- special effects that can be achieved
- technical terminology
- lighting design options and trends in the context of commercial spaces:
 - hospitality
 - multi-residential
 - retail
 - workplace
- sources of information on commercial lighting products and devices
- features and effects of different types of commercial lighting products
- 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
- Australian Standard AS1680 – its purpose and key provisions
- 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>