

Australian/New Zealand Standard[®]

Interior lighting

**Part 2.4: Industrial tasks and
processes**

AS/NZS 1680.2.4:1997

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee LG/1, Interior Lighting. It was approved on behalf of the Council of Standards Australia on 27 September 1996 and on behalf of the Council of Standards New Zealand on 19 August 1996. It was published on 5 January 1997.

The following interests are represented on Committee LG/1:

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Interior lighting

Part 2.4: Industrial tasks and processes

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee LG/1, Interior Lighting, to supersede (in part) AS 1680.2.0—1990 *Interior lighting, Part 2.0: Recommendations for specific tasks and interiors* and (in part) NZS 6703:1984 *Code of practice for interior lighting design*.

This Standard is issued as a joint Australian/New Zealand Standard to form part of a new series, the AS/NZS 1680.2 series, which will progressively replace the AS 1680.2 series. Existing Standards in the AS 1680.2 series* are to be revised and reissued as joint Australian/New Zealand Standards under the AS/NZS 1680.2 series.

The objective of this Standard is to set out recommendations aimed at the provision of a visual environment conducive to the safe and efficient performance of tasks associated with industrial activities and processes. It is intended to be read in conjunction with the general recommendations of AS 1680.1† and with other specific recommendations in the AS/NZS 1680.2 series which may apply, depending on the function of the interior space or the specific visual tasks involved.

This Standard parallels the structure of AS 1680.1 and contains recommendations that either add to or amend the recommendations of that Standard. While the Sections of this Standard correspond with those of AS 1680.1, the clauses within each Section are numbered consecutively and do not directly relate to the clauses in AS 1680.1.

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The terms 'normative' and 'informative' have been used in this Standard to define the application of the appendix to which they apply. A 'normative' appendix is an integral part of a Standard, whereas an 'informative' appendix is only for information and guidance.

* The Standards published in the AS 1680.2 series are as follows:

- AS 1680.2.1—1993 Interior lighting—Part 2.1: Circulation spaces and other general areas
- AS 1680.2.2—1994 Interior lighting—Part 2.2: Office and screen-based tasks
- AS 1680.2.3—1994 Interior lighting—Part 2.3: Educational and training facilities

† AS 1680.1—1990 Interior lighting—Part 1: General principles and recommendations (to be revised as a joint Australian/New Zealand Standard)

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 AS 1680.2.0—1990 and NZS 6703:1984 jointly revised and
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Incorporating:
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STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

Australian/New Zealand Standard**Interior lighting****Part 2.4: Industrial tasks and processes**

SECTION 1 SCOPE AND GENERAL

1.1 SCOPE This Standard sets out recommendations for the lighting of industrial tasks and processes which are carried out within buildings. For some tasks or processes, regulations may apply controlling the type of lighting equipment that should be used (e.g. in hazardous areas), or requiring the provision of a supplementary lighting system (e.g. safety lighting). These regulations should be observed in addition to the recommendations of this Standard.

This Standard should be read in conjunction with the general recommendations of AS 1680.1 and with any applicable specific recommendations in the AS 1680.2 series.

NOTE: See the Preface for information on the AS 1680.2 series.

This Standard, in general, contains material that adds to or amends the recommendations of AS 1680.1. The use of this Standard without reference to AS 1680.1 is a misapplication of the Standard.

1.2 APPLICATION The lighting system should comply with the general recommendations of AS 1680.1 and the applicable recommendations of this and other relevant Standards in the AS 1680.2 series.

If any recommendation in this Standard differs from the general recommendations of AS 1680.1, the recommendation in this Standard should prevail.

Attention should be paid to Section 1 of AS 1680.1 with regard to the information that may be needed to correctly apply this Standard.

1.3 REFERENCED DOCUMENTS The following documents are referred to in this Standard:

AS

1680	Interior lighting
1680.1	Part 1: General principles and recommendations
1680.2.1	Part 2.1: Circulation spaces and other general areas
1680.2.2	Part 2.2: Office and screen-based tasks
1939	Degrees of protection provided by enclosures for electrical equipment (IP Code)
2243	Safety in laboratories (all parts)
2381	Electrical equipment for explosive atmospheres—Selection, installation and maintenance (all parts)
2430	Classification of hazardous areas (all parts)
4004	Lighting booths for visual assessment of colour and colour matching



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