

Australian Standard™

Cleanrooms, workstations, safety cabinets and pharmaceutical isolators—Methods of test

Method 15: Determination of illuminance

1 SCOPE This Standard sets out the method for determining the illuminance at specified locations in cleanrooms, workstations, safety cabinets and pharmaceutical isolators.

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

AS

1386 Cleanrooms and clean workstations

1386.1 Part 1: Principles of clean space control

1807 Cleanrooms, workstations, safety cabinets and pharmaceutical isolators—Methods of test

1807.0 Part 0: List of methods and apparatus

3 DEFINITIONS For the purpose of this Standard the definitions given in AS 1386.1 and AS 1807.0 apply.

4 PRINCIPLE Measurements of illuminance are taken at specified locations at specified work level.

5 APPARATUS An illuminance meter as specified in AS 1807.0 is required.

6 PROCEDURE The procedure shall be as follows:

- (a) Operate the lamps for at least 1 h.
- (b) For workstations, safety cabinets and pharmaceutical isolators, take measurements in the normal working area surface on the centre-line across the full width of the cabinet at approximately 300 mm centres, starting in 150 mm from each side.
- (c) For cleanrooms, take measurements at representative locations, or where required at critical work levels.

7 REPORT All illuminance readings and locations, and reference to this Australian Standard, i.e. AS 1807.15, shall be reported.