



Delivering a Healthy WA



Key Requirements of the Australian Standard (AS/NZS 2635:2002) for Solaria for Cosmetic Purposes

Age Limit

No individual under the age of 18 shall use a sun-tanning unit without parental or guardian consent. No individual under the age of 15 shall be permitted under any circumstance to use a sun-tanning unit.

Client Information

Warning notices

In a commercial establishment one or more notices, each with minimum dimensions of 21cm x 30cm (i.e. approximately A4 paper size) and presenting the following information in legible print, shall be placed so as to be within the immediate view of every client entering the establishment and each sun-tanning unit cubicle:

- Exposure to ultraviolet radiation such as from a sun-tanning unit contributes to the skin ageing process and may cause skin cancer.
- People with fair skin and who are unable to tan shall not use a sun-tanning unit.
- Intentional exposure to sunlight or sun-tanning unit should be avoided for 48 hours after sun-tanning exposure.
- Protective goggles must be worn at all times while undergoing sun-tanning unit exposure.
- No person under the age of 18 shall use a sun-tanning unit without parental consent.

Client consent form

Prior to the commencement of a course of tanning of one or more exposure sessions, the solarium operator shall ensure that a consent form, as set out in Appendix A of the Standard (AS/NZS 2635:2002), is handed to the client.

The solarium operator shall further ensure:

- that the client signs and dates the form;
- that the client returns the signed and dated form prior to commencement of first tanning session in the establishment;
- that the original signed and dated form is filed in the records of the establishment for a period of not less than 2 years; and
- that a copy of the signed and dated form is handed to the client.

Measurements

The Standard requires that measurement of UV radiation levels of solaria occur immediately subsequent to the commissioning or replacement of any item of sun-tanning equipment that is not to the original manufacturer's specification. It is therefore important to use only items of equipment (including lamps) that comply with manufacturers specifications.



Maximum Exposure Times

The Standard has technical exposure limits based on various skin types. These are to ensure that no person suffers erythema (skin reddening) as a result of ultraviolet exposure in a solarium.

Maximum Repeat Exposure

Repeat exposures shall be administered no sooner than 48 hours after the previous exposure.

Promotion

Claims of non-cosmetic health benefits shall not be made in the promotion of sun-tanning unit use.

Skin Type Exclusion

Skin type 1 shall not be allowed to use a sun-tanning unit.

Supervision

In a commercial establishment, all sun-tanning unit use by any client of the establishment shall be subject to supervision by a trained operator at all times. Sun-tanning unit operator training is specified below.

Solarium Operator Training

Any person who is supervising the operation of a solarium or sun-tanning unit shall be properly trained in the following:

- Requirements of this Standard and their practical implementation.
- Proper determination of skin types and exposure times.
 - Proper screening for potentially exposure limiting condition.
 - Emergency procedures in case of over-exposure to UV light.
 - Types and wavelength of UV light.
 - Proper procedures for sanitizing protective eyewear and tanning equipment.

Un-Staffed Coin-Operated Establishments

Unsupervised, self-service solariums do not conform to the Standard.

Definitions

Effective Irradiance

The effective ultraviolet irradiance of a sun-tanning unit is the maximum value of biologically erythemally-weighted irradiance within the total region likely to be occupied by a user of sun-tanning unit.

Erythema

Reddening of the skin, more commonly called sunburn.

Initial Exposure

The first exposure of ultraviolet radiation administered to a sun-tanning unit user during a finite course of one or more exposure sessions.

Irradiance

A measure of ultraviolet radiation flux per unit area, expressed in watts per square metre (W/m^2).

Repeat Exposure

Any exposure of ultraviolet radiation administered to a sun-tanning unit user, subsequent to an initial exposure, during a finite course of more than one exposure session.



Skin Type

Skin type 1

Fair skin, which always burns, never tans and is often accompanied by red hair and freckles.

Skin type 2

Fair skin, nearly always burns, slightly tans after repeated exposure.

Skin type 3

Dark skin, seldom burns, increasingly tans after repeated exposure.

Skin type 4

Dark skin, hardly ever burns, tans deeply and quickly.

Ultraviolet Radiation

Radiation for which the wavelengths are within the range 100nm to 400nm.

Extract From:

Australian/New Zealand Standard
Solaria for cosmetic purposes
AS/NZS 2635:2002

Copies of the Standard can be obtained by contacting:

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