



**Queensland
Government**

Radiation Safety Act 1999

RADIATION SAFETY STANDARD

Standard for premises–non-ionising radiation apparatus (2021)

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Preface

This radiation safety standard sets out the minimum performance expectations for premises in which non-ionising radiation apparatus is used to carry out medical or cosmetic procedures, or related practices.

Persons who hold an appropriate Accreditation Certificate, issued under the *Radiation Safety Act 1999*, must be engaged from time to time to assess whether or not a premises complies, or does not comply, with this radiation safety standard. Compliance with the tests means that the premises may continue to be used to carry out the radiation practice. Failure of any test means that the premises must not be used.

Notwithstanding the above, a possession licensee has an on-going obligation to take reasonable steps to ensure that the premises continue to comply with the radiation safety standard at all times when a radiation practice is being carried out at the premises.

These requirements are made to ensure that a premises used to carry out a medical or cosmetic procedure, or related practice, with a laser apparatus in Queensland continues to meet a minimum standard of radiation safety whenever a radiation practice is carried out at the premises.

I, Yvette D'Ath MP, Minister for Health and Ambulance Services and Leader of the House, pursuant to section 16(1) of the *Radiation Safety Act 1999*, hereby make the radiation safety standard *Standard for premises–non-ionising radiation apparatus (2021)*, for the purposes of the Act.

SIGNED BY

Yvette D'Ath MP
Minister for Health and Ambulance Services
and Leader of the House

13 / 08 / 2021

Section 1 – General

1.1 Scope

This radiation safety standard sets out the minimum performance expectations for premises at which non-ionising radiation apparatus is used to carry out a radiation practice.

1.2 Expiry

This radiation safety standard expires on 31 August 2031.

Section 2 – Specific Requirements

Requirements for premises at which a laser apparatus is used to carry out a medical or cosmetic procedure, or a related practice

The following table sets out the minimum test requirements for premises in which a laser apparatus is used to carry out a medical or cosmetic procedure, or a related practice (e.g. laser procedure room).

For the purpose of these tests, ‘*accessible emission limits for Class 1*’ means the maximum accessible emission limits permitted for a Class 1 laser having the same wavelength as the apparatus used at the premises.

Test	Compliance Test	Criteria for Passing the Test
1	Radiation warning signs	<p>All entrances to the laser procedure room must have:</p> <ul style="list-style-type: none"> (a) a visible warning luminaire which is installed and functional; and (b) a warning sign which includes the following information: <ul style="list-style-type: none"> • laser hazard symbol as prescribed in the laser standard • words to the effect of: <ul style="list-style-type: none"> ○ ‘warning – laser on - do not enter when light is illuminated’ ○ ‘eye protection must be worn’ <p>Note 1: The warning sign information may be included in the visible warning luminaire.</p> <p>Note 2: This requirement does not apply to:</p> <ul style="list-style-type: none"> (a) rooms that can only be accessed from the laser procedure room; or (b) entrances to the laser procedure room where a person must, prior to entering the room, pass through a control area, provided that a warning sign is placed at the outside entrance to the control area.
2	Contaminant control equipment	<p>If any procedure to be performed in the premises is able to produce laser generated airborne contaminants:</p> <ul style="list-style-type: none"> (a) Contamination control equipment must– <ul style="list-style-type: none"> (i) be available; and (ii) be designed to ensure that the biohazard is not passed downstream in the air handling/exhaust system. (b) Evidence of maintenance of the contaminant control equipment in accordance with the manufacturer’s specification must be available.
3	External radiation levels	<p>Unless specified below, there must be no laser radiation transmitted outside of the premises.</p> <p>All windows, doorways and open portals must be protected or screened in such a manner as to reduce the transmitted laser radiation to levels not exceeding the</p>

Test	Compliance Test	Criteria for Passing the Test
		accessible emission limits for Class 1. Such protection or screening that is not permanently fitted (i.e. can be easily removed or opened) must be readily available at the premises and readily able to be fitted to the interior surface.