

STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

Amendment No. 1
to
AS/NZS 3200.2.201:2000
Medical electrical equipment
Part 2.201: Particular requirements for safety—
Dento-maxillofacial X-ray equipment

REVISED TEXT

The 2000 edition of AS/NZS 3200.2.201 is amended as follows; the amendment(s) should be inserted in the appropriate place(s).

SUMMARY: This Amendment applies to Clauses 29.102.1, 29.107.1 and 29.107.3.2 and Table 29.107.

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Approved for publication in New Zealand on behalf of the Standards Council of New Zealand on 23 May 2002

Page 17 Clause 29.102.1

In the first paragraph, *delete* the second sentence and *replace* with the following:

The exposure time for these generators shall be determined by counting the total number of pulses, and multiplying by half the mains period (0.01 s for 50 Hz) if full wave rectified, or the mains period (0.02 s for 50 Hz) if half wave rectified.

Page 20 Table 29.107

Delete the Table and *replace* with the following Table:

TABLE 29.107**FIELD LIMITATIONS AND RESTRICTIONS**

Equipment	Minimum X-ray tube voltage kVp	Maximum field dimension mm
Specifically designed for use with an intra-oral receptor	60	60 (At the end of the open-ended beam applicator)
Panoramic tomography	55	see Clause 29.107.2.2
Cephalometric radiography	60	240 × 300

NOTE: Refer to Clause 29.107.3.2 for additional information.

Page 21 Clause 29.107.1

Delete the text of Item (c) and *replace* with the following text:

Have a circular or rectangular X-ray field at the open end of the beam applicator with a diameter or diagonal not exceeding 60 mm.

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Page 21 Clause 29.107.3.2

Delete the second and third sentences and *replace* with the following:

The dimensions of this field shall not exceed 240 mm × 300 mm. For the purposes of testing the field dimensions, the distance between the mid-sagittal plane of the patient and the image receptor shall be such that the magnification ratio of structures in the mid-sagittal plane is 1:1.12.

NOTE: Where practicable, smaller field sizes such as 180 mm × 240 mm can be used.
