

AS/NZS 2394:1994

Australian/New Zealand Standard

Conditioning equipment for the treatment of nocturnal enuresis (bedwetting)

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The following interests are represented on Committee HT/26:

Australian Federation for Medical and Biological Engineering
Department of Health, N.S.W.
Ministry of Commerce, New Zealand
National Health and Medical Research Council
Royal Alexandra Hospital for Children
Royal Childrens Hospital, Melbourne
South Australian Health Commission
University of N.S.W.

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First published as AS 2394—1980.
Jointly revised and designated as a Joint Standard
AS/NZS 2394:1994.

PUBLISHED JOINTLY BY:

STANDARDS AUSTRALIA
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Homebush NSW 2140 Australia

STANDARDS NEW ZEALAND
6th Floor, Wellington Trade Centre,
181-187 Victoria Street,
Wellington 1 New Zealand

PREFACE

The original edition of this Standard was prepared by the predecessor to the Joint Standards Australia/Standards New Zealand Committee on Enuresis Alarms, HT/26, at the request of the National Health and Medical Research Council, which felt that although the use of enuresis alarms in the conditioning treatment of nocturnal enuresis (bedwetting) was proven and effective, the range of conditioning equipment varied in quality and some types were considered to be potentially dangerous in that under certain adverse conditions they could cause skin ulceration due to electrolysis of urine or perspiration in contact with the skin.

This edition is issued as a joint Australian/New Zealand Standard under the terms of the Active Cooperation Agreement between Standards Australia and Standards New Zealand.

Clauses 5.3 through to 5.5 have been re-written to clarify the issue of resetting equipment.

The original edition of this Standard referenced AS 3200—1986, which is now obsolescent.

The items covered by this Standard are considered to be electromedical equipment, as described by AS 3200.1/NZS 6150.1, *Approval and test specification for electromedical equipment—General requirements*, and the relevant requirements of that Standard will be applicable to these items. However, since the majority of enuresis alarms are battery powered and not intended for connection to the mains, it was not appropriate that the specific safety requirements applying to them (beyond those set out in AS 3200.1/NZS 6150) should be the subject of a separate approval and test specification, and accordingly this Standard deals with both performance and safety matters.

It should be noted that Clauses 4(c), 5.3 and 5.5 are not intended to preclude the development of conditioning equipment which would automatically reset after a certain period, returning to a condition in which the next passage of urine would be sensed even though the previous urine may still be present on the detector. Should such equipment be developed, consideration would be given to revision of the Standard.

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.

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