

AS/NZS 62841.3.5:2024
IEC 62841-3-5:2022



Australian/New Zealand Standard™

Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery — Safety

Part 3.5: Particular requirements for transportable band saws



AS/NZS 62841.3.5:2024

This Joint Australian/New Zealand Standard™ was prepared by Joint Technical Committee EL-002, Safety of Household and Similar Electrical Appliances and Small Power Transformers and Power Supplies. It was approved on behalf of Standards Australia's Standards Development and Accreditation Committee on 13 June 2024 and by the New Zealand Standards Approval Board on 5 June 2024.

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The following are represented on Committee EL-002:

- Association of Accredited Certification Bodies
- Australian Industry Group
- Australian Retailers Association
- Better Regulation Division (Fair Trading, Safework NSW, TestSafe)
- Business New Zealand
- Consumer Electronic Suppliers Association, Australia
- Consumers' Federation of Australia
- Electrical Consultants
- Electrical Regulatory Authorities, Australia
- Engineers Australia
- JAS-ANZ
- National Retailers Association, Australia
- New Zealand Electric Fence Energizer Manufacturers' Standards Group
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This Standard was issued in draft form for comment as DR AS/NZS 62841.3.5:2023.

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AS/NZS 62841.3.5:2024

NOTES

PREFACE

This standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EL-002, Safety of Household and Similar Electrical Appliances and Small Power Transformers.

The objective of this standard is to provide manufacturers, designers, regulatory authorities, testing laboratories, and similar organisations with safety requirements designed to give the user protection against hazards that might occur during normal operation and abnormal operation of the appliance, and which may be used as the basis for approval for sale or for connection to the electricity supply mains in Australia and New Zealand.

The text of IEC 62841-3-5, Ed. 1.0, prepared by IEC Technical Committee TC 116, was submitted to the Standards Australia/Standards New Zealand Combined Procedure (dual public comment and committee vote) for adoption of the IEC standard as a Standards Australia/Standards New Zealand joint standard.

This standard is an adoption with national modifications of the first edition of IEC 62841-3-5, *Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 3-5: Particular requirements for transportable band saws*. It has been varied as indicated to take account of Australian and New Zealand conditions.

This part of AS/NZS 62841 has to be used in conjunction with the latest edition of AS/NZS 62841.1, *Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 1: General requirements*. It was established on the basis of AS/NZS 62841.1:2015.

This part of AS/NZS 62841 supplements or modifies the corresponding clauses of AS/NZS 62841.1 so as to convert it to the Australian/New Zealand standard: Safety requirements for transportable band saws.

When a particular subclause of AS/NZS 62841.1 is not mentioned in this part of AS/NZS 62841, that subclause applies as far as is reasonable. When this standard states, 'addition', 'modification', or 'replacement', the relevant text of AS/NZS 62841.1 is to be adapted.

NOTE 1 The following numbering system is used:

- Subclauses, tables, and figures that are numbered starting from 101 are additional to those in Part 1;
- Unless notes are in a new subclause or involve notes in Part 1, they are numbered starting from 101, including those in a replaced clause or subclause;
- Additional annexes are lettered AA, BB, and so on;
- Subclauses, notes, and annexes that are additional to those in the IEC standard are prefixed with the letters AZ.

NOTE 2 The following print types are used:

- Requirements: in roman type;
- *Test specifications: in italic type;*
- Notes: in small roman type.

Words in **bold** in the text are defined in clause 3.

p NOTE 3 In this document, p is used in the margin to indicate instructions for preparing a consolidated version.

The essential safety requirements in AS/NZS 3820¹ that could be applicable to requirements for transportable band saws are covered by this standard.

1 AS/NZS 3820 *Essential safety requirements for electrical equipment*

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