

# FINAL VERSION

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**Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety –  
Part 2-11: Particular requirements for hand-held reciprocating saws**



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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

### **ELECTRIC MOTOR-OPERATED HAND-HELD TOOLS, TRANSPORTABLE TOOLS AND LAWN AND GARDEN MACHINERY – SAFETY –**

#### **Part 2-11: Particular requirements for hand-held reciprocating saws**

#### FOREWORD

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**This Consolidated version of IEC 62841-2-11 bears the edition number 1.1. It consists of the first edition (2015-11) [documents 116/246/FDIS and 116/256/RVD] and its amendment 1 (2018-01) [documents 116/353/FDIS and 116/360/RVD]. The technical content is identical to the base edition and its amendment.**

**This Final version does not show where the technical content is modified by amendment 1. A separate Redline version with all changes highlighted is available in this publication.**

International Standard IEC 62841-2-11 has been prepared by IEC technical committee 116: Safety of motor-operated electric tools.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

This Part 2-11 is to be used in conjunction with the first edition of IEC 62841-1 (2014).

This Part 2-11 supplements or modifies the corresponding clauses in IEC 62841-1, so as to convert it into the IEC standard: Particular requirements for hand-held reciprocating saws.

Where a particular subclause of Part 1 is not mentioned in this Part 2-11, that subclause applies as far as relevant. Where this standard states “addition”, “modification” or “replacement”, the relevant text in Part 1 is to be adapted accordingly.

The following print types are used:

- requirements: in roman type;
- *test specifications: in italic type;*
- notes: in small roman type.

The terms defined in Clause 3 are printed in **bold typeface**.

Subclauses, notes and figures which are additional to those in Part 1 are numbered starting from 101.

A list of all parts of the IEC 62841 series, under the general title: *Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety*, can be found on the IEC website.

The committee has decided that the contents of the base publication and its amendment will remain unchanged until the stability date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

A bilingual version of this publication may be issued at a later date.

NOTE The attention of National Committees is drawn to the fact that equipment manufacturers and testing organizations may need a transitional period following publication of a new, amended or revised IEC publication in which to make products in accordance with the new requirements and to equip themselves for conducting new or revised tests.

It is the recommendation of the committee that the content of this publication be adopted for implementation nationally not earlier than 36 months from the date of publication.

# ELECTRIC MOTOR-OPERATED HAND-HELD TOOLS, TRANSPORTABLE TOOLS AND LAWN AND GARDEN MACHINERY – SAFETY –

## Part 2-11: Particular requirements for hand-held reciprocating saws

### 1 Scope

This clause of Part 1 is applicable, except as follows:

*Addition:*

This part of IEC 62841 applies to **reciprocating saws** such as **jig saws** and **sabre saws**.

### 2 Normative references

This clause of Part 1 is applicable, except as follows:

*Addition:*

ISO 16893-1:2008, *Wood based panels – Particleboard – Part 1: Classifications*

### 3 Terms and definitions

This clause of Part 1 is applicable, except as follows:

*Additional definitions:*

#### 3.101

##### **reciprocating saw**

tool intended for cutting various materials with a blade or blades acting in a reciprocating or oscillating motion

#### 3.102

##### **jig saw**

**reciprocating saw** with a base plate that may allow bevel adjustments

Note 1 to entry: Typical designs of **jig saws** are shown in Figure 102.

#### 3.103

##### **sabre saw**

**reciprocating saw** with a guide plate that may allow tilting movements

Note 1 to entry: Typical designs of **sabre saws** are shown in Figure 103.

### 4 General requirements

This clause of Part 1 is applicable.