INTERNATIONAL STANDARD

IEC 61029-2-10

First edition
1998-06

Safety of transportable motor-operated electric tools –

Part 2-10: Particular requirements for cutting-off grinders

Sécurité des machines-outils électriques semi-fixes –

Partie 2-10: Règles particulières pour les tourets à couper

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International Electrotechnical Commission
Международная Электротехническая Комиссия

PRICE CODE Q

For price, see current catalogue

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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SAFETY OF TRANSPORTABLE MOTOR-OPERATED ELECTRIC TOOLS –

Part 2: Particular requirements for cutting-off grinders

FOREWORD

1) The IEC (International Electrotechnical Commission) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of the IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, the IEC publishes International Standards. Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. The IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
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This part of International Standard IEC 61029 has been prepared by subcommittee 61F: Safety of hand-held motor-operated electric tools, of IEC technical committee 61: Safety of household and similar electrical appliances.

The text of this standard is based on the following documents:

FDIS	Report on voting
61F/235/FDIS	61F/242/RVD

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

This part 2 is to be used in conjunction with the IEC 61029-1.

This part 2 supplements or modifies the corresponding clauses in IEC 61029-1, so as to convert it into the IEC standard: Safety requirements for cutting-off grinders.

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

NOTES

1 The following print types are used:

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

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

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

SAFETY OF TRANSPORTABLE MOTOR-OPERATED ELECTRIC TOOLS –

Part 2: Particular requirements for cutting-off grinders

1 Scope

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

1.1 *Addition:*

This standard applies to cutting-off grinders intended mainly for cutting metal with a plain abrasive cutting-off wheel whose diameter does not exceed 406 mm and has a rated peripheral speed not exceeding 80 m/s.