

Käeshoitavad mootorajamiga elektritööriistad, veetavad tööriistad, muru- ja aiatöömasinad. Osa 3-6: Erinõuded vedeliksüsteemilistele teemantpuuridele

Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-6: Particular requirements for transportable diamond drills with liquid system

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 62841-3-6:2014 sisaldab Euroopa standardi EN 62841-3-6:2014 ingliskeelset teksti.	This Estonian standard EVS-EN 62841-3-6:2014 consists of the English text of the European standard EN 62841-3-6:2014.
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English Version

Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-6: Particular requirements for transportable diamond drills with liquid system (IEC 62841-3-6:2014)

Outils électroportatifs à moteur, outils portables et machines pour jardins et pelouses - Sécurité - Partie 3-6: Exigences particulières pour les forets diamantés transportables avec système liquide (CEI 62841-3-6:2014)

Elektrische motorbetriebene handgeführte Werkzeuge, transportable Werkzeuge und Rasen- und Gartenmaschinen - Sicherheit - Teil 3-6: Besondere Anforderungen für transportable Diamantbohrmaschinen mit Flüssigkeitssystem (IEC 62841-3-6:2014)

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Comité Européen de Normalisation Electrotechnique
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Foreword

The text of document 116/165/FDIS, future edition 1 of IEC 62841-3-6, prepared by IEC/TC 116 "Safety of motor-operated electric tools" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 62841-3-6:2014.

A draft amendment, which covers common modifications to IEC 62841-3-6:2014, was prepared by CLC/TC 116 "Safety of motor-operated electric tools" and approved by CENELEC.

The following dates are fixed:

- latest date by which this document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2015-05-02
- latest date by which the national standards conflicting with this document have to be withdrawn (dow) 2018-05-02

EN 62841-3-6:2014 supersedes EN 61029-2-6:2010.

This document has been prepared under a mandate given to CENELEC by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For the relationship with EU Directive(s) see informative Annex ZZ, which is an integral part of this document.

Clauses, subclauses, notes, tables, figures and annexes which are additional to those in IEC 62841-3-6 are prefixed "Z".

This European Standard is divided into four parts:

- Part 1: General requirements which are common to most electric motor operated tools (for the purpose of this standard referred to simply as tools) which could come within the scope of this standard;
- Part 2, 3 or 4: Requirements for particular types of tools which either supplement or modify the requirements given in Part 1 to account for the particular hazards and characteristics of these specific tools.

This Part 3-6 is to be used in conjunction with EN 62841-1:201X¹⁾. When this standard states "addition", "modification" or "replacement", the relevant text in Part 1 is to be adapted accordingly.

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

Compliance with the clauses of Part 1 together with this Part 3-6 provides one means of conforming with the essential health and safety requirements of the Directive concerned.

Warning: Other requirements and other EU Directives can be applicable to the products falling within the scope of this standard.

This European Standard follows the overall requirements of EN ISO 12100.

NOTE In this standard the following print types are used:

- requirements proper; in roman type
- *test specifications: in italic type;*
- explanatory matter: in smaller roman type.

Words in **bold** in the text are defined in Clause 3. When a definition concerns an adjective, the adjective and the associated noun are also in bold.

1) At draft stage.

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

Part 3-6: Particular requirements for transportable diamond drills with liquid system

1 Scope

This clause of Part 1 is applicable except as follows:

Addition:

This part of IEC 62841 applies to transportable **diamond drills**, intended to be connected to a liquid system. Liquid system may include liquid from a pipe or container.

2 Normative references

This clause of Part 1 is applicable.

3 Terms and definitions

This clause of Part 1 is applicable except as follows:

Addition:

3.101

diamond drill

manually fed tool with liquid system designed to drill stone and concrete by means of diamond core bits. The tool at least consists of a **drill unit** and a **drill stand** to which it is fixed. The **drill stand** is either attached to the workpiece to be drilled by means of fasteners, vacuum or other suitable devices (see Figure 101) or the **drill stand** is secured to an appropriate support such as a scaffolding

3.102

drill unit

device consisting of a motor and a fitting for the drill bit

3.103

drill stand

device for supporting the **drill unit** in its operating position

3.104

liquid collection device

device to collect liquid and slurry when drilling

4 General requirements

This clause of Part 1 is applicable.