



BSI Standards Publication

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

National foreword

This British Standard is the UK implementation of EN 62841-3-6:2014+A11:2017. It is derived from IEC 62841-3-6:2014. It supersedes BS EN 62841-3-6:2014, which will be withdrawn on 19 October 2019.

NOTE: The BS EN 62841 series supersedes the BS EN 60745 series, the BS EN 61029 series and parts of the BS EN 60335 series (for lawn and garden machinery). BS EN 62841-1:2015 supersedes BS EN 60745-1:2009 and BS EN 61029-1:2009. A withdrawal date for BS EN 60745-1:2009 and BS EN 61029-1:2009 will be fixed upon publication of all standards in the BS EN 62841-2 and BS EN 62841-3 series.

The start and finish of text introduced or altered by amendment is indicated in the text by tags. Tags indicating changes to IEC text carry the number of the CENELEC amendment. For example, text altered by CENELEC amendment A11 is indicated by A11 A11.

The CENELEC common modifications have been implemented at the appropriate places in the text. The start and finish of each common modification is indicated in the text by tags C C.

The UK participation in its preparation was entrusted to Technical Committee CPL/116, Safety of motor-operated electric tools.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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Published by BSI Standards Limited 2018

ISBN 978 0 580 98109 8

ICS 25.140.20

Compliance with a British Standard cannot confer immunity from legal obligations.

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 30 September 2014.

Amendments/corrigenda issued since publication

Date	Text affected
31 October 2015	Correction to supersession details in national foreword
31 March 2018	Implementation of CENELEC amendment A11:2017

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, modified)

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, modifiée)

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, modifiziert)

This European Standard was approved by CENELEC on 2014-05-02. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.



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European 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.

1) At draft stage.

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.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC [and/or CEN] shall not be held responsible for identifying any or all such patent rights.

Foreword to amendment A11

This document (EN 62841-3-6:2014/A11:2017) has been prepared by CLC/TC 116 "Safety of motor-operated electric tools".

The following dates are fixed:

- latest date by which this document has to be implemented at national level (dop) 2018-10-19
by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with this document (dow) 2019-10-19
have to be withdrawn

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC [and/or CEN] shall not be held responsible for identifying any or all such patent rights.

This amendment was developed to delete the requirement for the declaration of vibration for transportable tools, since the vibration for transportable tools is not required to be measured.

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).

In this European Standard the following print types are used:

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

☐ Annex ZZ (informative)

Coverage of Essential Requirements of Directive 2006/42/EC

This European Standard has been prepared under a mandate given to CENELEC by the European Commission and the European Free Trade Association and within its scope the standard covers all relevant Essential Requirements as given in EU Directive 2006/42/EC (Machinery Directive).

Compliance with this standard provides one means of conformity with the specified essential requirements of the Directives concerned.

WARNING — Other requirements and other EU Directives may be applicable to the products falling within the scope of this standard. ☐

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