



BSI Standards Publication

Electric motor-operated tools — Dust measurement procedure

Part 2-17: Particular requirements for
routers and trimmers

National foreword

This British Standard is the UK implementation of EN 50632-2-17:2016.

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.

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EUROPEAN STANDARD

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English Version

**Electric motor-operated tools - Dust measurement procedure -
Part 2-17: Particular requirements for routers and trimmers**

Outils électriques à moteur - Procédure de mesure de la
poussière - Partie 2-17: Exigences particulières pour les
défonceuses

Motorbetriebene Elektrowerkzeuge - Staubmessverfahren -
Teil 2-17: Besondere Anforderungen für Oberfräsen und
Kantenfräsen

This European Standard was approved by CENELEC on 2016-05-03. 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.

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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
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European foreword

This document (EN 50632-2-17:2016) 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 (dop) 2017-05-03
to be implemented at national level by
publication of an identical national
standard or by endorsement
- latest date by which the national (dow) 2018-05-03
standards conflicting with this
document have to be withdrawn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 European Standard is divided into three parts:

Part 1: General requirements for the dust measurement which are common to electric motor-operated tools (for the purpose of this standard referred to simply as tools);

Part 2 or 3: Requirements for the dust measurement for particular types of tools, which either supplement or modify the requirements given in Part 1 to account for the particular characteristics of these specific tools.

This Part 2 is to be used in conjunction with EN 50632-1:2015.

This Part 2 supplements or modifies the corresponding clauses in EN 50632-1:2015.

This Part 2 was developed to set out requirements for the measurement of the concentration for inhalable and respirable dust emitted by routers.

Where a particular subclause of Part 1 is not mentioned in this Part 2, that subclause applies as far as reasonable. 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.

This European Standard has been drafted in accordance with the CEN/CENELEC Internal Regulations, Part 3.

The following print types are used:

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

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

1 Scope

This clause of Part 1 is applicable except as follows:

Addition:

This part of EN 50632 applies to **routers** and **trimmers**.

2 Normative references

This clause of Part 1 is applicable except as follows:

Addition:

EN 312:2010, *Particleboards - Specifications*

3 Terms and definitions

This clause of Part 1 is applicable except as follows:

3.101

router

tool with a base and a collet, designed to be fitted with a rotary cutting bit intended for cutting slots into or shaping the edge of various materials

3.102

trimmer

tool with a base and collet designed to be fitted with a rotary cutting bit intended for trimming the edge of laminate sheet or similar materials

4 Test procedure

This clause of Part 1 is applicable except as follows:

4.3 Operating conditions

Addition:

Routers intended for cutting wood are tested under load observing the conditions shown in Table 101.