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Responsible committee: CPL/116 Safety of motor-operated electric tools

Interested committees:

Title: Draft BS EN IEC 62841-4-3 :2021/prAB Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety. Part 4-3: Particular requirements for pedestrian controlled walk-behind lawnmowers.

Please notify the secretary if you are aware of any keywords that might assist in classifying or identifying the standard or if the content of this standard

- i) has any issues related to 3rd party IPR, patent or copyright
- ii) affects other national standard(s)
- iii) requires additional national guidance or information

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This draft is issued to allow comments from interested parties; all comments will be given consideration prior to publication. No acknowledgement will normally be sent. **See overleaf for information on the submission of comments.**

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Introduction

This draft standard is based on national and international discussions. Your comments on this draft are invited and will assist in the preparation of the consequent standard.

For international standards, comments will be reviewed by the relevant UK national committee before sending the consensus UK vote and comments to the international committee, which will then decide appropriate action. If the international standard is approved, it is usual for the text to be published as a British Standard.

For national standards, comments will be reviewed by the relevant UK national committee and the resulting standards published as a British Standard.

UK Vote

Please indicate whether you consider the UK should submit a negative (with supporting technical reasons) or positive vote on this draft. Please indicate if you are aware of any reason why this draft standard should not be published as a British Standard.

Submission of Comments

- **Annotated drafts are not acceptable and will be rejected.**
- All comments should be submitted online at <https://standardsdevelopment.bsigroup.com/>. You will need to register in order to comment.

Template for comments and secretariat observations

Date: xx/xx/20xx	Document: ISO/DIS xxxx
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1	2	(3)	4	5	(6)	7
MB	Clause No./ Subclause No./Annex (e.g. 3.1)	Paragraph/ Figure/Table/Note	Type of comment	Comment (justification for change) by the MB	Proposed change by the MB	Secretariat observations on each comment submitted
	3.1	Definition 1	ed	Definition is ambiguous and needs clarifying.	Amend to read '...so that the mains connector to which no connection...'	
	6.4	Paragraph 2	te	The use of the UV photometer as an alternative cannot be supported as serious problems have been encountered in its use in the UK.	Delete reference to UV photometer.	

1 European foreword

2 This document (EN IEC 62841-4-3:2021/prAB:2024) has been prepared by CLC/TC 116 "Safety and
3 environmental aspects of motor-operated electric tools".

4 This document is currently submitted to the Enquiry.

5 The following dates are proposed:

- latest date by which the existence of this (doa) dor + 6 months
document has to be announced at national
level
- latest date by which this document has to be (dop) dor + 12 months
implemented at national level by publication of
an identical national standard or by
endorsement
- latest date by which the national standards (dow) dor + 48 months
conflicting with this document have to be (to be confirmed or
withdrawn modified when voting)

6 This document modifies by common modifications EN IEC 62841-4-3:2021/prA1:2024, which consists of
7 the text of 116/xxx/CDV (future IEC 62841-4-3:2020/A1:202x) prepared by IEC/TC 116 "Safety of motor-
8 operated electric tools".

9 EN IEC 62841-4-3:2021/prA1:2024 together with EN IEC 62841-4-3:2021/prAB:2024 includes various
10 revisions to align with the published version of EN IEC 62841-4-7:2022.

11 This document has been prepared under a standardization request addressed to CENELEC by the
12 European Commission. The Standing Committee of the EFTA States subsequently approves these
13 requests for its Member States.

14 For relationship with EU Legislation, see informative Annex ZZ, which is an integral part of this document.

1 Modification to Clause 1, “Scope”

Delete NOTE 106 in the Scope.

2 Modifications to Clause 8, “Marking and instructions”

Delete the NOTE 101 in 8.2.

Replace the existing subclause 8.3 with the following:

“8.3 Addition:

For **rotary lawnmowers**, the **cutting means**, where replaceable during **user maintenance**, shall be marked to identify the part number(s) and the manufacturer, importer or supplier. This marking is not required to be clearly discernible from the outside of the machine.

Replacement of the sixth dash:

— the mass of the machine in kg. For this requirement, the mass of the machine includes the mass of a **supply cord** with a length not less than 10 m, if any, in addition to the items specified in 5.17.”

Delete the NOTE 102 in 8.14.1.

Delete the NOTE 101 in 8.14.1.2.

Delete the NOTE 103 in 8.14.1.101.

3 Modification to Clause 18, “Abnormal operation”

Delete the NOTE 101 in 18.5.

4 Modifications to Clause 19, “Mechanical hazards”

Delete the NOTE 101 in 19.1.

Delete the NOTE 101 in 19.101.1.

Delete the NOTE 102 in 19.102.1.1.

Delete the NOTE 101 in 19.102.5.6.

5 Modification to Clause 20, “Mechanical strength”

Delete the NOTE 101 in 20.101.1.

6 Modification to Annex I, “Measurement of noise and vibration emissions”

Replace the existing subclause I.2.9 with the following:

“I.2.9 Declaration and verification of noise emission values

Replacement of the first paragraph as follows:

The declaration of the A-weighted emission sound pressure level shall be a dual number value according to ISO 4871:1996. It shall declare the noise emission value L_{pA} and the respective uncertainty K_{pA} .

The A-weighted sound power level L_{WA} shall be declared as measured value and additionally as guaranteed value (guaranteed A-weighted sound power level). The latter shall be the single number value as defined in ISO 4871:1996.