

Subject 62841-3-4

April 13, 2018

SUMMARY OF TOPICS

The following changes in requirements to the Standard for Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery – Safety – Part 3-4: Particular Requirements for Transportable Bench Grinders UL 62841-3-4, are being proposed:

1. Proposed Revision To Figure 104 To Align With Changes In IEC Corrigendum 1 Of IEC 62841-3-4

VOTES AND COMMENTS DUE: May 14, 2018

IEC COPYRIGHT STATEMENT

All IEC Standards and Working Documents are copyrighted by the IEC. This copy, without regard to its form or media, whether a complete copy of an IEC Standard or Working Document or extracted portions from an IEC Standard or Working Document, retains all IEC copyrights. The conveyance of this copy does not affect IEC copyrights or transfer any copyrights.

This copy is for the exclusive use by the recipient only in the development of USNC position(s) on the development, evaluation, use or maintenance (including adoption by US Standards Developing Organizations (SDOs) of this or other IEC publications. No other use is authorized. No further copying, distribution or use of this document is authorized. Possession by others is not authorized. This document may not be used for commercial purposes.

The National Difference Page and IEC Foreword have been provided for your reference in reviewing this document. However, they are not considered to be part of the ANSI balloted material.

For your convenience in review, proposed additions to existing requirements are shown underlined and proposed deletions are shown ~~lined-out~~.

1. Proposed Revision To Figure 104 To Align With Changes In IEC Corrigendum 1 Of IEC 62841-3-4

RATIONALE

Proposal submitted by: John Stimitz, UL LLC, on behalf of the International Harmonization Committee (IHC) for the adoption of the IEC series of standards for Hand-Held, Motor-Operated, and Transportable Tools and Lawn and Garden Machinery

Clause 19.102 specifies that the plane of the work rest surface shall either be fixed or be capable of adjustment only so as to form an angle of *not less than 85°* to the tangent of the wheel with the smallest diameter wheel in accordance with 8.3, as illustrated in Figure 104. However, the angle measurement in Figure 104 specifies less than or equal to 85°, which does not align with the requirement in Clause 19.102. Accordingly, changes to Figure 104 are being proposed to reflect the correct measurement of greater than or equal to 85°.

**UL COPYRIGHTED MATERIAL –
NOT AUTHORIZED FOR FURTHER REPRODUCTION OR
DISTRIBUTION WITHOUT PERMISSION FROM**



Documents

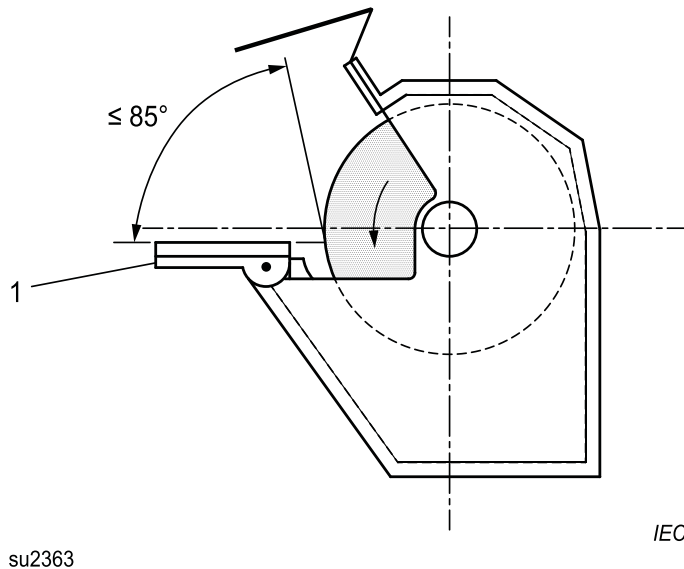
Document Sharing Hub

This proposed change correlates with the change to IEC 62841-3-4 as specified in IEC Corrigendum 1 for IEC 62841-3-4, published by the IEC December 2016.

PROPOSAL

(CURRENT FIGURE 104)

Figure 104 – Bench grinder with inclinable work rest



Key

1 adjustable **work rest**

(PROPOSED FIGURE 104)

Copyright © 2018 Underwriters Laboratories Inc.

UL COPYRIGHTED MATERIAL –
NOT AUTHORIZED FOR FURTHER REPRODUCTION OR
DISTRIBUTION WITHOUT PERMISSION FROM UL



Documents
Document Sharing Hub