Subject 62841-2-4

May 5, 2017

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 2-4: Particular Requirements For Sanders and Polishers Other Than Disk Type, UL 62841-2-4, are being proposed:

> ***1. Proposed Revision To Table 4, Required Performance Levels, To Align With Changes In IEC Corrigendum 1 Of IEC 62841-2-4***

STP BALLOTS AND ALL COMMENTS DUE: June 5, 2017

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

1. Proposed Revision To Table 4, Required Performance Levels, To Align With Changes In IEC Corrigendum 1 Of IEC 62841-2-4

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 23, Components, of the Part 1 is applicable for Clause 23, Components, of the Part 2. Clause 23.3 of the Part 1 states that a protective device does not need to be of the non-self-resetting type, since a momentary power switch with no lock on provision is required. Accordingly, it is being proposed to delete the last row of Table 4 that specifies a requirement to prevent self-resetting.

The proposed change correlates with the change to IEC 62841-2-4 as specified in IEC Corrigendum 1 for IEC 62841-2-4, published by the IEC on October 1, 2015.

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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.

PROPOSAL

18 Abnormal operation

This clause of Part 1 is applicable, except as follows:

18.8 Table 4 Replacement:

Table 4 – Required performance levels

Type and purpose of SCF	Minimum Performance Level (PL)
Power switch – prevent unwanted switch-on	a
Power switch – prevent unwanted switch-on for tools where the bit does not rotate without applying axial pressure	Not a SCF
Power switch – provide desired switch-off	a
Power switch – provide desired switch-off for tools where the bit does not rotate without applying axial pressure	Not a SCF
Provide desired direction of rotation	Not a SCF
Any electronic control to pass the test of 18.3	Not a SCF
Any speed limiting device	Not a SCF
Prevent exceeding thermal limits as in Clause 18	a
~~Prevent self-resetting as required in 23.3~~	~~a~~

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