

Subject 62841-2-2

April 28, 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 2-2: Particular Requirements For Screwdrivers And Impact Wrenches, UL 62841-2-2, are being proposed:

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

STP BALLOTS AND ALL COMMENTS DUE: June 12, 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 to IEC 62841-2-2 in IEC Corrigendum 1 Of IEC 62841-2-2

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 62841-2-2 as specified in IEC Corrigendum 1 for IEC 62841-2-2, published by the IEC on October 1, 2015.

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PROPOSAL

18 Abnormal operation

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

18.8 Replacement of Table 4 by the following:

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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