

Subject 62841-3-1

August 24, 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 3-1: Particular Requirements For Transportable Table Saws, UL 62841-3-1, are being proposed:

1. Proposed Addition Of National Differences To Clarify Instruction Requirements Specific To Addressing Workpiece Feed And Jamming Instances For Both Corded And Battery-Powered Tools

STP BALLOTS AND ALL COMMENTS DUE: October 8, 2018

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NATIONAL DIFFERENCE PAGE AND IEC FOREWORD

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 Addition Of National Differences To Clarify Instruction Requirements Specific To Addressing Workpiece Feed And Jamming Instances For Both Corded And Battery-Powered Tools

RATIONALE

Proposal submitted by: John Collins, Techtronic Industries – North America, Inc.

The instruction requirements in Clause 8 that address cutting procedures need to be clarified with respect to workpiece feed into the saw and jamming instances. Accordingly, Clause 8.14.1.101DV is being proposed to be added to modify Item (2)(j) to also include instructions that a workpiece is to be fed into the saw while it is in full contact with fence and is not to be shifted from side to side.

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Clause K.8.14.1.101DV is also being proposed to be added to Annex K to specify the same changes in workpiece feed procedure instructions for battery-powered table saws. Clause K.8.14.1.101DV also instructs the user to remove the battery pack before clearing a jam.

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PROPOSAL

8.14.1.101 Safety instructions for table saws

1) Guarding related warnings

a) **Keep guards in place. Guards must be in working order and be properly mounted. A guard that is loose, damaged, or is not functioning correctly must be repaired or replaced.**

b) **Always use saw blade guard, riving knife and anti-kickback device for every through-cutting operation. For through-cutting operations where the saw blade cuts completely through the thickness of the workpiece, the guard and other safety devices help reduce the risk of injury.**

NOTE 1 If an **anti-kickback device** is not provided, the phrase "and anti-kickback device" is omitted.

NOTE 2 At the manufacturer's discretion, the term "**anti-kickback device**" can be replaced by an appropriate term such as "anti-kickback pawls" or "anti-kickback rollers".

NOTE 3 The above warning is omitted, if the **table saw** is designed with a **non-removable fixed extended riving knife** that has a **non-removable** guarding system.

c) **Immediately reattach the guarding system after completing an operation (such as rabbeting, dadoing or resawing cuts) which requires removal of the guard, riving knife and/or anti-kickback device. The guard, riving knife, and anti-kickback device help to reduce the risk of injury.**

NOTE 1 The term "**rabbeting**" can be substituted by "rebating".

NOTE 2 If **dadoing** or **resawing** cuts are not permitted, the term "**dadoing** or **resawing** cuts" is omitted.

NOTE 3 If an **anti-kickback device** is not provided, the phrase "**anti-kickback device**" is omitted.

NOTE 4 At the manufacturer's discretion, the term "**anti-kickback device**" can be replaced by an appropriate term such as "anti-kickback pawls" or "anti-kickback rollers".

NOTE 5 The above warning is omitted, if the **table saw** is designed with a **non-removable fixed extended riving knife** that has a **non-removable** guarding system.

d) **Make sure the saw blade is not contacting the guard, riving knife or the workpiece before the switch is turned on. Inadvertent contact of these items with the saw blade could cause a hazardous condition.**

e) **Adjust the riving knife as described in this instruction manual. Incorrect spacing, positioning and alignment can make the riving knife ineffective in reducing the likelihood of kickback.**

f) **For the riving knife and anti-kickback device to work, they must be engaged in the workpiece. The riving knife and anti-kickback device are ineffective when cutting workpieces that are too short to be engaged with the riving knife and anti-kickback device. Under these conditions a kickback cannot be prevented by the riving knife and antikickback device.**

NOTE 1 If an **anti-kickback device** is not provided, the phrase "and **anti-kickback device**" is omitted.

NOTE 2 At the manufacturer's discretion, the term "**anti-kickback device**" can be replaced by an appropriate term such as "anti-kickback pawls" or "anti-kickback rollers".