

Subject 745R (60745-2-15, 60745-1)

April 2, 2010

SUMMARY OF TOPICS

The proposed first edition of the Standard for Hand-Held Motor-Operated Tools - Safety - Part-2-15: Particular Requirements for Hedge Trimmers, UL 60745-2-15, is being recirculated:

1. Proposed First Edition of the Standard for Hand-Held Motor-Operated Tools - Safety - Part-2-15: Particular Requirements for Hedge Trimmers, UL 60745-2-15. Note that the subject number "UL 745R" will be used to identify CSDS proposals for UL 60745-2-15 until the first edition of the Standard is published.

COMMENTS DUE: May 3, 2010

1. Proposed First Edition of the Standard for Hand-Held Motor-Operated Tools - Safety - Part-2-15: Particular Requirements for Hedge Trimmers, UL 60745-2-15. Note that the subject number "UL 745R" will be used to identify CSDS proposals for UL 60745-2-15 until the first edition of the Standard is published.

RATIONALE

Responses to comments have been posted within the 745R Proposal Review Work Area dated 01-29-10.

Changes are being proposed to the following clauses: 19.101ADV.1, 19.101ADV.3.4.2, 21.18, and 21.18DV.

PROPOSAL

19.101ADV Adjustable handles

19.101ADV.1 Hedge trimmers with adjustable handle systems shall comply with the requirements of:

– 19.101ADV.2,

or

– 19.101ADV.3.

19.101ADV.3.4.2 The handle release control shall be designed so that it is not likely to be unintentionally pressed during intended left- or right-handed operation by meeting the requirements of 19.101ADV.3.4.2.1 or 19.101ADV.3.4.2.2 if the control is located within the grasping area.

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21 Construction

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

21.18 Replacement:

~~Hedge trimmers shall be fitted with at least one mains switch operated by a blade control. There shall be no arrangement to lock a blade control in the "on" position and the cutting device shall stop when any blade control is released.~~

~~Hedge trimmers shall be fitted with one or two blade controls in accordance with Table 101 and be so designed that the hazards due to inadvertent starting are reduced to a minimum. This shall be deemed to be met if either of the following options is fulfilled:~~

~~— the hedge trimmer is of categories 1 to 3 in Table 101, and the blade control requires two separate and dissimilar actions before the cutting device operates;~~

~~or~~

~~— the hedge trimmer has two handles with a blade control in each handle, and the cutting device only operates if both controls are in the "on" position.~~

Compliance is checked by inspection.

21.18DV D1 Modification: Replace 21.18 with the following:

Hedge trimmers shall be fitted with at least one mains switch operated by a blade control. The cutting device shall stop when any blade control is released.

For hedge trimmers of category 1 in Table 101DV, there shall be no arrangement to lock a blade control in the "on" position. Hedge trimmers of category 2 and 3 in Table 101DV may have a means for locking the switch "on" if unlocking can be accomplished with a single motion of that part of the switch that turns on the hedge trimmer.

Hedge trimmers shall be fitted with one blade control in accordance with Table 101DV and be so designed that the hazards due to inadvertent starting are reduced to a minimum. This shall be deemed to be met if either of the following options is fulfilled:

— the hedge trimmer is of categories 1 to 3 in Table 101DV, and the blade control requires two separate and dissimilar actions before the cutting device operates,

or

— the hedge trimmer has two handles with a blade control in each handle, and the cutting device only operates if both controls are in the "on" position.

Compliance is checked by inspection.

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