

STANDARD INFORMATION

Standard: UL 62841-4-1 / CSA C22.2 No. 62841-4-1

Standard ID:

Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 4-1: Particular Requirements for Chain Saws [UL 62841-4-1:2020 Ed.1+R:05May2021]

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Previous Standard ID:

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EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

Effective Date: **June 1, 2023**

IMPACT, OVERVIEW, AND ACTION REQUIRED

Impact Statement: Per our accreditation, Intertek is required to review reports against the standard revisions to confirm compliance. Once compliance is confirmed, the standard reference in the report is updated to show continued compliance to the technical requirements of the standard. Reports not updated to this version by the effective date above will be withdrawn.

Overview of Changes:

- Revisions to clause to correct the longitudinal balance test method for top-handle saws
- Addition of national difference to clause k.1 to delete reference to chain saws as not applicable

Specific details of new/revise requirements are found in table below.

Current Listings Not Active? – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records. We will do this at no charge as long as Intertek is notified in writing prior to the review of your reports.



STANDARD INFORMATION

| CLAUSE | VERDICT | COMMENT |
|--------------------|---------|--|
| | | <i>Additions to existing requirements are <u>underlined</u> and deletions are shown lined out below.</i> |
| Annex 101.DVA | Info | Additional Requirements for Battery-Operated Top-Handle Chain Saws |
| Annex 101.DVA.1.14 | | <p>The top handle CHAIN SAW shall be supported by a <u>10 mm diameter rod, positioned as close as possible behind the power switch. The rod shall be firmly attached to the rear handle by clamp or similar means so that the guide bar plane will be vertical. The rod shall be supported on bearings to produce the lowest possible friction to allow CHAIN SAW rotation. See Figure 2 of ISO 8334:2007.</u></p> <p><u>For top handle CHAIN SAWS,</u> the angle β between the centreline of the GUIDE BAR and the horizontal plane as shown in Figure 2 of ISO 8334:2007 shall not exceed $\pm 25^\circ$.</p> |
| Annex K | Info | Battery tools and battery packs |
| | | Scope |
| | | This clause of Part 1 is applicable, except as follows: |
| | | Addition: |
| K.1 | Info | <p>This standard applies to chain saws for cutting wood and designed for use by one person. This standard does not cover chain saws designed for use in conjunction with a guide-plate and riving knife or in any other way such as with a support or as a stationary or transportable machine.</p> <p>This standard does not apply to</p> <ul style="list-style-type: none">– chain saws for tree service as defined in ISO 11681-2; or– pole-mounted pruners. <p>The chain saws covered by this standard are designed only to be operated with the right hand on the rear handle and the left hand on the front handle.</p> |
| | | <i>New clause added;</i> |
| K.1DV | | <p>DR Modification: Delete the first dashed item in Clause K.1 of the Part 4 (U.S. Only):</p> <ul style="list-style-type: none">– chain saws for tree service as defined in ISO 11681-2; or |