

## STANDARD INFORMATION

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

**Standard ID:**

Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 4-4: Particular Requirements for Lawn Trimmers, Lawn Edge Trimmers, Grass Trimmers, Brush Cutters and Brush Saws [UL 62841-4-4:2021 Ed.1+R:02Aug2024]

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**Previous Standard ID:**

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## EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

**Effective Date:** August 2, 2026

## 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 Reports not updated to this version by the effective date above will be withdrawn.

This standard contains Functional Safety requirements.

**Overview of Changes:**

- Guarding requirements for grass trimmers, brush cutters and brush saws
- Impact test requirements for grass trimmers, brush cutters and brush saws

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

Note: If the listing references a Canadian standard, per the Canadian Electrical Code (CSA C22.2#0) Section titled Language of markings, Caution and Warning Markings shall be in English and French.

***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 – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records.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 <del>lined out</del> below.</i> |         |   |
| 19  | Info    | <b>Mechanical hazards</b>   |
| 19.101  | Info    | <b>Guarding of cutting means and cutting accessories</b>  |
| 19.101.4  | Info    | <b>Guard requirements</b>   |
| <b><i>New clause added;</i></b>   |         |   |
| 19.101.4DV  |         | The guards specified in 19.101.1 and 19.101.2 shall be  |
|   |         | – imperforate in the area of the guard beyond 80 % of the radius of the largest cutting means that can be used with the guard in accordance with 8.14.2 a); and   |
|   |         | – permanently attached or secured by screws, nuts or snap fits to prevent removal without the aid of a tool.  |
| 20  | Info    | The guard specified in 19.101.3 shall be permanently attached or secured by screws, nuts or snap fits to prevent removal without the aid of a tool.   |
|   |         | <b>Mechanical strength</b>  |
|   |         | <b><i>New clause added;</i></b>   |
| 20.3.1DV  |         | Each drop shall be conducted on a separate sample, unless a single sample can be subjected to multiple drops without failure. If a sample has been subjected to multiple drops and fails during a subsequent drop, then the drop in the orientation that resulted in the failure shall be repeated using a new sample. If the new sample passes the test for the drop in that orientation, then the requirements for that orientation are considered to be fulfilled. The test shall be continued in this manner until all drops in each of the three orientations are completed. |