

# 电动工具、便携式电动工具上亚马逊要办理测试报告UL 745-1

产品名称	电动工具、便携式电动工具上亚马逊要办理测试报告UL 745-1
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## 产品详情

电动工具、便携式电动工具上亚马逊要办理测试报告UL 745-1

根据加拿大电气规范第1部分和国家电气规范（NFPA70），本标准适用于室内或室外非危险场所使用的手持式便携式电动或磁力驱动工具。它适用于额定电压不超过440V的工具（使用通用电机的工具不超过250V）。

手持式电动工具（以下简称工具），可安装在支架上作为固定工具使用，无需对工具本身进行任何更改，均在本标准范围内。

带有电热元件的工具在本标准范围内，但只要合理适用，此类工具还应符合IEC出版物335-1：家用和类似用途电器的安全，第1部分：一般要求。

电池供电工具的特殊要求将在第2部分中确定。但是，有关机械安全的要求也适用于UL 745-3和C22.2第745-3号中定义的这些工具。交换型工具的特殊规定（定义见2.2（16））正在考虑中。此外，本标准的要求在适当情况下适用。

对于拟在船上或飞机上使用的工具，可能需要附加要求，并且在危险位置，例如，在容易发生爆炸的地方，可能需要特殊结构。

对于拟在热带国家使用的工具，可能需要特殊要求。

本标准适用于便携式电动工具的附件和机械附件。附录F概述了这些要求。

本标准适用于包含电气和电子部件的附件。在这种情况下，应使用工具评估附件，并且必须确定哪些条款适用。

本标准适用于但不限于：手动工具，如钻头、螺丝刀、螺母滑槽、攻丝器、锤子、冲击扳手、锯、砂光机、抛光机、缓冲器、剪切机、咬边机、研磨机、订书机、阀座研磨机和研磨机、气缸镗床和混凝土振动器；可移动工具，如金刚石钻芯机、排水清洁剂、磁力钻床、管螺纹机和弯管机。

本标准不适用于固定或固定电动工具、园艺用具、车库设备、烙铁或焊枪、喷漆设备、地板修整机、热风枪或其他个人要求涵盖的设备。

本标准涵盖I、II和III类工具。

本标准涉及安全性，并考虑了实现所需程度的无线电和电视干扰抑制所需部件对安全性的影响。

UL 745-1

This standard applies to hand-held portable electric motor-operated or magnetically-driven tools, intended for indoor or outdoor use, in non-hazardous locations, in accordance with the Canadian Electric Code, Part 1 and the National Electrical Code (NFPA70). It applies to tools rated not more than 440V (not more than 250V for tools employing a universal motor).

Hand-held electric motor-operated tools, hereinafter referred to as tools, which can be mounted on a support for use as fixed tools without any alteration of the tool itself, are within the scope of this standard.

Tools with an electric heating element incorporated are within the scope of this standard, but such tools should also comply with IEC publication 335-1: Safety of Household and Similar Electric Appliances, Part 1: General Requirements, as far as it reasonably applies.

Special requirements for battery-powered tools will be determined in Part 2. Requirements concerning mechanical safety, however, will also apply for these tools are defined in UL 745-3 and C22.2 No. 745-3, Special requirements for exchange type tools (see definition 2.2(16)) are under consideration. Moreover, the requirements of this standard apply where appropriate.

For tools intended to be used on board ships or aircraft, additional requirements may be necessary, and in hazardous locations, for example, where explosions are liable to occur, special constructions may be required.

For tools intended to be used in tropical countries, special requirements may be necessary.

This standard applies to accessories and mechanical attachments for use with portable electric tools. These requirements are outlined in Appendix F.

This standard applies to attachments that contain electrical and electronic components. In this case, the attachment shall be evaluated with the tool and a determination must be made as to which clauses apply.

This Standard applies to, but the scope is not limited to: hand tools, such as drills, screwdrivers, nut runners, tappers, hammers, impact wrenches, saws, sanders, polishers, buffers, shears, nibblers, grinders, staplers, valve seat grinders and lappers, cylinder borers, and concrete vibrators; transportable tools, such as diamond core drills, drain cleaners, magnetic drills presses, pipe threaders, and pipe benders.

This standard does not apply to fixed or stationary electric tools, gardening appliances, garage equipment, soldering irons or guns, painting equipment, floor-finishing machines, heat guns, or other equipment covered by individual requirements.

Covered within this standard are Class I, II, and III tools.

This standard is concerned with safety and takes into account the influence on safety of components necessary to achieve a required degree of radio and television interference suppression.

测试报告申请流程