

CERTIFICATION Notice

An Urgent Bulletin from CSA Group

Electrical Tools No. 29

Effective Date: November 30, 2018

Re-Issued: July 12, 2017

Date: June 21, 2017

Apply Before December 30, 2017

Announcing: Publication of CSA Standard CAN/CSA-C22.2 No. 62841-2-4:15 (Harmonized with UL 62841-2-4, 1st Edition) Electric motor-operated hand-held tools, transportable, tools and lawn and garden machinery — Safety — Part 2-4: Particular requirements for hand-held sanders and polishers other than disc type

Class No: 3881 51, TOOLS - Portable
3881 81, TOOLS - Portable - Certified to US Standards

To purchase the Standard, visit us at www.shop.csa.ca

Who is affected?

Manufacturers of hand-held tools.

What do you do?

1. CSA Group Service Delivery staff will contact you to address compliance with each revision as applicable to the product designs covered in your affected Certification Reports. In addition to updates to your Certificate(s) of Compliance & Report(s), testing may be required to comply with these revisions.
2. Please respond within thirty (30) days of receiving CSA Group's "Application for CSA

Certification Services" and "Quotation" communication. You must respond no later than December 30, 2017 in order to guarantee the update to your certification is completed by November 30, 2018. If testing is needed, we will inform you of the samples required.

Approvals:

See attachment 1

Background and Rationale:

See attachment 2

For questions specific to your file or products contact your CSA Group technical staff associate.

Go to <http://www.csagroup.org/services/testing-and-certification/certified-product-listing/> and enter your Master Contract # and the class numbers associated with this Notice to determine which of your products are affected.

For technical questions on this Certification Notice

Contact Tan Lu
by phone 416.747.2570, fax 416.747.4149
or e-mail tan.lu@csagroup.org

The standard edition or amendments announced in this Notice may be used for certification as of the date of issue of this Notice. The "Effective date" in this Notice is the date on which the current requirements, applicable to Certified products listed in the affected class numbers, expire and the standard edition or amendments announced in this Notice become the only requirements that may be used for certification.

In the event that currently certified products do not comply with the latest requirements outlined in this Notice after the "effective date", the certification of such models may be discontinued.



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ATTACHMENT 1

Approvals

This certification Notice applies to the certification of Electric motor-operated hand-held tools that are covered by the scope of the following standards:

- CAN/CSA-C22.2 No. 62841-2-4:15 (Harmonized with UL 62841-2-4, 1st Edition) Electric motor-operated hand-held tools, transportable, tools and lawn and garden machinery — Safety — Part 2-4: Particular requirements for hand-held sanders and polishers other than disc type.
- CAN/CSA-C22.2 No. 60745-2-4-04 + Amd1, 2009 (Harmonized with UL 60745-2-4 2nd, Edition) Hand-Held Motor-Operated Electric Tools — Safety — Part 2-4: Particular Requirements for Sanders and Polishers Other Than Disk Type

The following lays out how approvals will be applied.

A For hand-held motor operated tools that are currently certified under the class numbers 3881-51 (TOOLS-Portable), 3881-81(TOOLS-Portable Certified to US Standards) to the standard CAN/CSA-C22.2 No. 60745-2-4-04 + Amd1, 2009 (harmonized with UL 60745-2-4 Second Edition) in conjunction with the standard CAN/CSA-C22.2 No. 60745-1-07 +Upd1, 2010, Upd2, 2011, Upd3, 2013 (harmonized with UL 60745-1 Fourth Edition).

As of **November 30, 2018**,

-All Li-ion rechargeable battery-powered Hand-Held Motor-Operated Electric Tools **with detachable battery packs** that are certified to the standard CAN/CSA-C22.2 No. 60745-2-4-04 + Amd1, 2009 in conjunction with the standard CAN/CSA-C22.2 No. 60745-1-07 + Upd1, 2010, Upd2, 2011, Upd3, 2013 shall comply with the standard CAN/CSA-C22.2 No. 62841-2-4:15 (Harmonized with UL 62841-2-4, 1st Edition) Electric motor-operated hand-held tools, transportable, tools and lawn and garden machinery — Safety — Part 2-4: Particular requirements for hand-held sanders and polishers other than disc type in conjunction with the standard CAN/CSA-C22.2 No. 62841-1-15, 1st Edition (UL 62841-1,1st Edition)

Alternatively, Li-ion rechargeable battery-powered Hand-Held Motor-Operated Electric Tools **with detachable battery packs** can remain certified to the standard CAN/CSA-C22.2 No. 60745-2-4-04 + Amd1, 2009 in conjunction with the standard CAN/CSA-C22.2 No. 60745-1-07 + Upd1, 2010, Upd2, 2011, Upd3, 2013, with additional re-evaluation for compliance to the following relevant clauses of CAN/CSA-C22.2 No. 62841-1-15, 1st Edition (UL 62841-1, 1st Edition) Annex K.

- K.8 as it applies to detachable battery packs except for K.8.14,
- K.12.201,
- K.13.1 as it applies to detachable battery packs,
- K.13.2.201,
- K.18.201,
- K.18.202,
- K.19.202,
- K.20.1 as it pertains to detachable battery packs alone, not in combination with the tool,
- K.21.202,
- K.23.201,
- K.23.202.

A certified Li-ion battery operated hand-held tool **with detachable battery packs** that have been re-evaluated satisfactorily to the above relevant clauses of CAN/CSA-C22.2 No. 62841-1-15, 1st Edition (UL 62841-1, 1st Edition) Annex K remains certified to the existing standard CAN/CSA-C22.2 No. 60745-2-4-04 + Amd1, 2009 until this standard is withdrawn (expected February 10, 2028).

-All Li-ion rechargeable battery-powered Hand-Held Motor-Operated Electric Tools **with integral battery** that are certified to the standard CAN/CSA-C22.2 No. 60745-2-4-04 + Amd1, 2009 in conjunction with the standard CAN/CSA-C22.2 No. 60745-1-07 + Upd1, 2010, Upd2, 2011, Upd3, 2013 shall comply with the standard CAN/CSA-C22.2 No. 62841-2-4:15 (Harmonized with UL 62841-2-4, 1st Edition) Electric motor-operated hand-held tools, transportable, tools and lawn and garden machinery — Safety — Part 2-4: Particular requirements for hand-held sanders and polishers other than disc type in conjunction with the standard CAN/CSA-C22.2 No. 62841-1-15, 1st Edition (UL 62841-1,1st Edition)

- All Mains-powered and Non-Li-ion rechargeable battery-powered Hand-Held Motor-Operated Electric tools that are certified to the standard CAN/CSA-C22.2 No. 60745-2-4-04 + Amd1, 2009 in conjunction with the standard CAN/CSA-C22.2 No. 60745-1-07 + Upd1, 2010, Upd2, 2011, Upd3, 2013 that undergo a major alternate construction requiring the heating, impact, and abnormal tests all to be performed shall comply with the standard CAN/CSA-C22.2 No. 62841-2-4:15 (Harmonized with UL 62841-2-4, 1st Edition) Electric motor-operated hand-held tools, transportable, tools and lawn and garden machinery — Safety — Part 2-4: Particular requirements for hand-held sanders and polishers other than disc type in conjunction with the standard CAN/CSA-C22.2 No. 62841-1-15, 1st Edition (UL 62841-1,1st Edition).

-All Mains-powered and Non-Li-ion rechargeable battery-powered Hand-Held Motor-Operated Electric tools that are certified to the standard CAN/CSA-C22.2 No. 60745-2-4-04 + Amd1, 2009 in conjunction with the standard CAN/CSA-C22.2 No. 60745-1-07 + Upd1, 2010, Upd2, 2011, Upd3, 2013 that undergo an alternate construction not requiring the heating, impact, and abnormal tests all to be performed can be evaluated to remain certified to the mentioned existing standard until this standard is withdrawn (expected February 10, 2028).

B For new certification submittal:

As of **November 30, 2018**

-All new submittals of Electric motor-operated hand-held tools that are within the scope of the standard CAN/CSA-C22.2 No. 62841-2-4:15 (Harmonized with UL 62841-2-4, 1st Edition) Electric motor-operated hand-held tools, transportable, tools and lawn and garden machinery — Safety — Part 2-4: Particular requirements for hand-held sanders and polishers other than disc type shall be certified to this standard in conjunction with the standard CAN/CSA-C22.2 No. 62841-1-15, 1st Edition (UL 62841-1,1st Edition).

-Before the effective date of the CAN/CSA-C22.2 No. 62841-2-4:15 standard and upon written request from the manufacturer, new submittals of Mains-powered and Non-Li-ion rechargeable battery-powered hand-held Motor-Operated Electric Tools that are within the scope of the standard CAN/CSA-C22.2 No. 60745-2-4-04 + Amd1, 2009 may be certified to this existing standard in conjunction with the standard CAN/CSA-C22.2 No. 60745-1-07 + Upd1, 2010, Upd2, 2011, Upd3, 2013.

ATTACHMENT 2

Background and Rationale

This Certification Notice announces the publication of CAN/CSA-C22.2 No. 62841-2-4:15 (Harmonized with UL62841-2-4, 1st Edition) Electric motor-operated hand-held tools, transportable, tools and lawn and garden machinery — Safety — Part 2-4: Particular requirements for hand-held sanders and polishers other than disc type.

This standard is based on IEC Publication IEC Publication 62841-2-4: First edition Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery – Safety – Part 2-4: Particular Requirements For Hand-Held Sanders And Polishers Other Than Disc Type issued 06-2014.

This standard, CAN/CSA-C22.2 No. 62841-2-4:15, is a Part 2 standard that is to be used in conjunction with the Part 1 standard CAN/CSA-C22.2 No. 62841-1-15, 1st Edition.

This standard, CAN/CSA-C22.2 No. 62841-2-4:15, supplements or modifies the corresponding clauses in CAN/CSA-C22.2 No. 62841-1-15, 1st Edition (Part 1), so as to convert it into the Part 2 standard: Particular requirements for hand-held sanders and polishers other than disc type.

For Electric motor-operated hand-held tools, this new standard CAN/CSA-C22.2 No. 62841-2-4:15, 1st Edition (UL 62841-2-4, 1st Edition) coexists with the existing standard CAN/CSA-C22.2 No. 60745-2-4-04 + Amd1, 2009 to allow the certified mains powered and Non-Li-ion rechargeable battery-powered hand-held motor operated tools to remain certified to this standard in conjunction with the standard CAN/CSA-C22.2 No. 60745-1-07 + Upd1, 2010, Upd2, 2011, Upd3, 2013 until its expected withdrawal date of February 10, 2028 (10 years after the publication of the standard CAN/CSA-C22.2 No. 62841-1-15, 1st Edition (UL 62841-1, 1st Edition).