

CERTIFICATION Notice

An Urgent Bulletin from CSA Group

Industrial Control Equipment No. 70

(Supersedes Electrical Certification Notice Nos. 447 and 447A)

Effective Date: February 1, 2021

Date: September 5, 2019

Apply Before September 1, 2020

Announcing: Publication of CSA Standard C22.2 No.33-19, Electrical safety requirements for cranes and hoists
Class No: 9041 01, CRANES AND HOISTS – Electrical Safety Only
To purchase the Standard, visit us at store.csagroup.org

Who is affected?

Manufacturers of cranes and hoists.

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 September 1, 2020 in order to guarantee the update to your certification is completed by February 1, 2021. If testing is needed, we will inform you of the samples required.

Approvals:

Products may be submitted, at any time, for CSA

Certification to the new edition of CSA C22.2 No. 33-19. The new edition will be effective on February 1st, 2021.

Major Revisions:

See Attachment 1 for summary of changes to the standard text, figures and tables.

Background and Rationale:

This is the fourth edition of CSA C22.2 No. 33, Electrical safety requirements for cranes and hoists, one of a series of Standards issued by CSA Group under Part II of the Canadian Electrical Code. It supersedes the previous edition published in 1984 under the title Construction and test of electric cranes and hoists.

This Standard was prepared by the Subcommittee on Electric Cranes and Hoists, under the jurisdiction of the Technical Committee on Industrial Products and the Strategic Steering Committee on Requirements for Electrical Safety, and has been formally approved by the Technical Committee.

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

Go to <https://www.csagroup.org/testing-certification/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 Leo Yang
by phone 416-747-2544, fax 416-747-4149
or e-mail Leo.Yang@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

Major Revisions

Clause(s)	Changes	File Review Required
1.5	This Standard applies to wireless control equipment used in conjunction with electric cranes and hoists	Yes
5.2.1	Main disconnecting means New requirement addressing the disconnecting rating for cranes and hoists.	Yes
5.2.2	In General, spacing shall comply with C22.2 No. 14 clause 4.15; Main contact conductor spacing requirements refer to Table 1	Yes
5.2.3	Requirements on main contact and bridge contact conductor systems	Yes
5.5	Control functions and control circuits	Yes
5.6	Enclosures	Yes
5.7	Conductors and cables	Yes
5.8	Motors and motor drives	Yes
5.9 + Annex A	Additional requirements to battery-operated operator control units (OCU) + Wireless remote control system (Annex A)	Yes
8.1.1	General type testing requirements	Yes
8.3	Factory test	Yes
8.4	Mold stress relief test for conductor bar systems	Yes