

**Memo**

Date: December 10, 2024

To: Tower Crane Owners and Applicable Associations, Engineering firms, Constructors

From: Brian Barron
Senior Manager
Construction Health and safety Program

Subject: Enforcement direction of the new requirements under section 162.1 of O. Reg 213/91

On January 1, 2025, additional amendments to the tower crane sections of O. Reg 213/91 for Construction Projects come into force.

These amendments to the regulations have been made to increase the safety requirements for cranes and hoisting operations in Ontario.

As of January 1, 2025,

Subsection 151(4) will require all luffing boom cranes to have a boom angle indicator that the operator can read while at the controls.

Section 157.2 will require a tower crane to be erected, dismantled and climbed in accordance with the following clauses of CSA Standard Z248-17:

1. Clause 5.1, Crane erection crew.
2. Clause 5.8, Erection, climbing, and dismantling equipment.
3. Clause 5.9, General erection, climbing, and dismantling procedure.

Section 157.3 contains the design requirements tower cranes are to comply with.

Section 159.1 provides the requirements for a 10-year inspection of a tower crane.

Section 162.1 requires when there are multiple cranes at a project, hoisting operations shall meet the clearance requirements set out in clause 8.10 of CSA Standard Z248-17. The CSA Standard Z-248 Technical Standard committee is conducting a review of clause 8.10, specifically anti-collision devices requirements. While this review is being conducted, the enforcement of the requirements for anti-collision devices will take an education and outreach approach. It is expected that the rest of requirements set out in clause 8.10 of CSA Standard Z248-17 are followed.

Thank you,

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