

CSA Z150 & Z150.3 Chair Update

Presented By:

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Z150 TC Chair

CRAC 2018, Winnipeg, Manitoba

Fort Garry



**CSA
Group**

Z150 Safety Code on Mobile Cranes

- Z150 - Safety Code on Mobile Cranes
- Published in 2016
- Z150.3, Safety Code on Articulating Boom Cranes TSC is a subcommittee of Z150
- Published in 2017

Z150-16 Update

- Published in 2016
- Subgroups
 - Section 4 – Design & Construction
 - Section 5 – Inspection & Maintenance
 - Section 6 – Operation
 - Locomotive
 - Definitions and Appendices
- Subgroups each:
 - Identified what should be revised/added
 - Prepared recommended revisions
- Full Scope Review

Z150-16 Update

- We had meeting in spring to discuss revision
- TC decided to continue to work on Z150
- New technologies
- Annual Inspection will be re-discussed
- Rope section will be expanded
- Include fibre rope inspection criteria

- Z150.3, Safety Code on Articulating Boom Cranes TSC is a subcommittee of Z150
- New edition published in 2017
 - Addition of trailer-mounted cranes to scope
 - Requirement for cranes, as a minimum, to meet applicable requirements of 13001-1:2015 (replacing SAE J1063 and DIN 15018-series)
 - Updated requirements for stability testing
 - Updates to Inspection, testing and maintenance, including changes to requirements for annual inspection of load bearing components, as well as:
 - Updated requirement for hazard identification in regular inspection
 - Updated daily inspection requirements
 - Updated periodic inspection requirements

– New edition published in 2017 - continued

- Updated requirements for operation including updates to
 - Supporting ground, foundation or structure
 - Requirements for personnel lifts
 - Handling the load
 - Operation of the crane near electrical hazards
 - Requirements for operators
- General updates in order to maintain harmonization with CSA Z150-16

- We have great people who are committed
- We are working hard for 2019 Publication Z150
- Meetings Scheduled for Fall 2018
- Z150.3 will wait a year to reconvene
 - Give the document a chance to be experience in the field

– Create a document that will:

- Create a safe crane to use and maintain
- Be USED and not hinder manufacturers, owners, operators, inspectors, and Regulators
- Ultimately be user friendly for the good companies
- Be good for the overall Industry
- Easier to Read.....

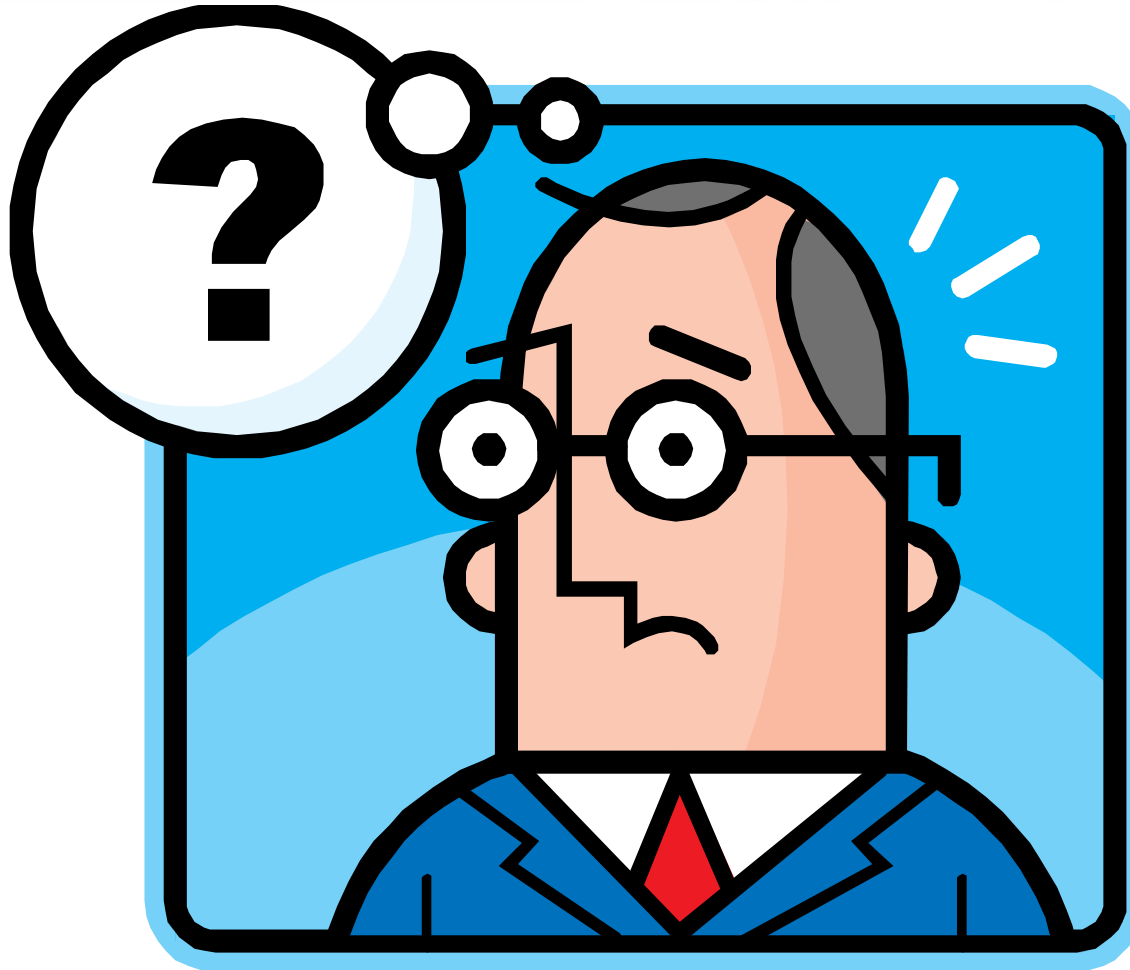
– Consensus is key with CSA and Important

– We have great people who are committed

– We are working hard for 2016 Publication

- A diverse Technical Committee (TC) is developed
- TC Executive creates a project plan and schedule for CSA approval
- TC votes on the project plan
- TC meets to review and revise the standard
- A draft Public Review document is created
- Members review and comment
- 60 Day Public Review Process
- Dispose member and public comments
- Ballot draft created
- Draft is balloted and published.

Questions?



Thank-You et Merci

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CRAC 2015, Montréal, Québec