

Part XIV CRANES, HOISTS AND OTHER LIFTING EQUIPMENT

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| Section | Title | Revision Date |
|---------|---|----------------|
| E289 | <u>Identification</u> | September 2009 |
| E296 | <u>Inspection and maintenance</u> | September 2009 |

Explanations

The Standards listed below are referenced in this Part of the Regulations.

| Standard Agency | Standard Number | Standard Title |
|-----------------|-------------------|--|
| ANSI | ANSI/SAE Z26.1 | <i>American National Standard for Safety Glazing Materials for Glazing Motor Vehicles and Motor Vehicle Equipment Operating on Land Highways – Safety Code</i> |
| CSA | As Defined by CSA | <i>As outlined in Section 288 of the Regulations</i> |

Section E289 Identification

This requirement is applicable to, but not limited to, lattice boom mobile cranes and tower cranes. Generally the lattice boom on a mobile crane is made up of several boom sections connected together. The configuration of the boom can be varied to meet the needs of the particular lifting task. The crane manufacturer will specify what components must be used to make up the boom to achieve any particular allowable boom configuration.

Some components will be interchangeable, and may be shared between similar equipment from the same manufacturer. Similarly, a tower crane is made up using tower and jib sections. The configuration of the crane at each setup can be

varied, within limits set by the manufacturer, to suit the needs of the location. As with the mobile crane boom, it is possible to interchange components from similar equipment.

To ensure that only the components that the manufacturer approves for use with the configuration are used, it is necessary the components be identified. A catalogue or part number is sufficient for the purpose of identifying compatibility, but there are also strict inspection and certification requirements for these components. Unique identification allows cross-referencing with the inspection or certification documents to ensure the component in use is the component inspected or certified.

Ideally, the identifier on each component will be a unique serial number provided by the manufacturer. However, interchangeable components are usually only identified by the manufacturer with a part number. The unique identifier is required and its correlation to any associated documentation must be obvious. The identifier must be legible and durable.

Section E296 Inspection and maintenance

Subsection E296(3) "Load bearing components" includes any component that transfers load through the crane or hoist to the surface supporting the crane or hoist.