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CSA C225:20
National Standard of Canada

Vehicle-mounted aerial devices

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Although the intended primary application of this Standard is stated in its Scope, it is important to note that it remains the responsibility of the users to judge its suitability for their particular purpose.

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Contents

Preface

This is the sixth edition of CSA C225, *Vehicle-mounted aerial devices*. It supersedes the previous editions, published in 2010, 2000, 1988, 1976, and 1969.

The major changes to this edition include the following:
a) the addition of insulating aerial device Category E;
b) updated requirements for vacuum protection systems; and
c) the addition of Annex I – Vacuum protection systems.

This Standard is substantially harmonized with ANSI/SIA A92.2.

This Standard was developed by CSA Group with funding support provided by the Canadian Association of Administrators of Labour Law — Occupational Safety and Health (CAALL-OSH), including Provincial and Territorial Governments, as well as the Government of Canada. CSA Group is solely responsible for the content of this Standard, and CSA Group and the funding bodies disclaim any liability in connection with the use of the information contained herein.

This Standard was prepared by the Technical Committee on Vehicle-Mounted Aerial Devices, under the jurisdiction of the Strategic Steering Committee on Occupational Health and Safety, and has been formally approved by the Technical Committee.

This Standard has been developed in compliance with Standards Council of Canada requirements for National Standards of Canada. It has been published as a National Standard of Canada by CSA Group.

Notes:
1) *Use of the singular does not exclude the plural (and vice versa) when the sense allows.*
2) *Although the intended primary application of this Standard is stated in its Scope, it is important to note that it remains the responsibility of the users of the Standard to judge its suitability for their particular purpose.*
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4) *To submit a request for interpretation of this Standard, please send the following information to* ***inquiries@csagroup.org*** *and include "Request for interpretation" in the subject line:*
   a) *define the problem, making reference to the specific clause, and, where appropriate, include an illustrative sketch;*
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   b) *relevant clause, table, and/or figure number;*
   c) *wording of the proposed change; and*
   d) *rationale for the change.*

CSA C225:20
Vehicle-mounted aerial devices

1 Scope

1.1 Purpose

The purpose of this Standard is to establish criteria for the design, manufacture, testing, inspection, installation, maintenance, use, and operation of vehicle-mounted aerial devices installed on a chassis, primarily used to position personnel, and for the training of operators for that equipment, to achieve the following objectives:

a) prevention of personal injuries and accidents;
b) uniformity in ratings; and
c) understanding by manufacturers, dealers, installers, maintenance personnel, operators, owners, and users of their respective responsibilities.

1.2 Equipment

1.2.1 Equipment covered

This Standard applies to the following types of vehicle-mounted aerial devices:

a) extensible boom aerial device;
b) aerial ladder;
c) articulating-boom aerial device;
d) vertical tower; and
e) a combination of Items a) to d).

The vehicle can be a truck, trailer, or all-terrain vehicle.

1.2.2 Equipment not covered

This Standard does not apply to the following equipment:

a) mobile elevating work platforms, which are covered in CAN/CSA-B354.6, CAN/CSA-B354.7, and CAN/CSA-B354.8;
b) vehicle-mounted vertical lift devices for airline ground support, which are covered in ANSI/SIA A92.7;
c) vehicle-mounted bridge inspection and maintenance devices, which are covered in ANSI/SIA A92.8;
d) mast-climbing work platforms, which are covered in CSA B354.9 and CSA B354.10/B354.11;
e) mobile cranes, which are covered in CSA Z150;
f) suspended elevating platforms, which are covered in CAN/CSA-Z271;
g) fire-fighting equipment, which is covered in NFPA 1901;
h) construction and demolition operation digger derricks, which are covered in ANSI/ASSE A10.31;
i) powered crane tip-mounted personnel-carrying attachments; and
j) personnel platforms attached to the crane boom or suspended by hooks.

Note: *Where the above Standards refer to ANSI/SIA A92.2, this Standard should be referred to.*

