

Anchorage connectors



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Anchorage connectors



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Technical Committee on Fall Protection

W. R. Parsons	Kee Safety Group, Concord, Ontario, Canada <i>Category: Producer Interest</i>	<i>Chair</i>
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T. O'Reilly	AlumaSAFEWAY, Inc., Toronto, Ontario, Canada	<i>Non-voting</i>

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T. B. Robertson	Manitoba Hydro, Winnipeg, Manitoba, Canada <i>Category: User Interest</i>	
R. R. Ryley	Tritech Fall Protection Systems Ltd., Calgary, Alberta, Canada	<i>Non-voting</i>
B. Sanders	Ontario Ministry of Labour, Training and Skills Development, London, Ontario, Canada	<i>Non-voting</i>
G. E. Small	Elevated Insight and Engineering Ltd., Calgary, Alberta, Canada <i>Category: General Interest</i>	
K. Smith	PenSafe Inc., Stoney Creek, Ontario, Canada <i>Category: Producer Interest</i>	
R. Sopka	PCL Constructors Inc., Edmonton, Alberta, Canada <i>Category: User Interest</i>	
J. Sousa	Gravisys Inc., Sherwood Park, Alberta, Canada <i>Category: General Interest</i>	
A. K. Thomforde	3M Fall Protection, Red Wing, Minnesota, USA <i>Category: Producer Interest</i>	
A. Tsen	DSI Safety Inc., Mississauga, Ontario, Canada	<i>Non-voting</i>
K. Van Steele	Read Jones Christoffersen Ltd., Vancouver, British Columbia, Canada	<i>Non-voting</i>

B. Varrasso	Infrastructure Health and Safety Association, Mississauga, Ontario, Canada <i>Category: General Interest</i>	
L. Verville	Brossard, Québec, Canada	<i>Non-voting</i>
G. Willmott	Kee Safety Group, West Midlands, United Kingdom	<i>Non-voting</i>
B. R. Zeissler	Safety Direct Ltd., Sherwood Park, Alberta, Canada <i>Category: Producer Interest</i>	
T. Donovska	CSA Group, Toronto, Ontario, Canada	<i>Project Manager</i>

Subcommittee on Anchorage Connectors

A. K. Thomforde	3M Fall Protection, Red Wing, Minnesota, USA	<i>Chair</i>
K. Smith	PenSafe Inc., Stoney Creek, Ontario, Canada	<i>Vice-Chair</i>
M. Abskharoun	Ontario Ministry of Labour, Training and Skills Development, Mississauga, Ontario, Canada	
T. J. Accursi	Coquitlam, British Columbia, Canada	
D. F. Chen	Atlas Anchor Systems (B.C.) Ltd., Vancouver, British Columbia, Canada	
S. Doan	Yoke, Fort Erie, Ontario, Canada	
B. Galy	Institut de recherche Robert-Sauvé en santé et en sécurité du travail (IRSST), Montréal, Québec, Canada	
G. Gil	Honeywell, Mexico City, Mexico	
P. Grenier	Hydro-Québec, Montréal, Québec, Canada	
M. Hamidi	WorkSafe BC, Vancouver, British Columbia, Canada	
M. Jacob	MSA Safety, Cranberry Township, Pennsylvania, USA	
B. Lawrence	Liftsafe Fall Protection, Ayr, Ontario, Canada	
A. Miranda-Chang	Commission des normes de l'équité de la santé et de la sécurité du travail (CNESST), Québec, Québec, Canada	

G. E. Small	Elevated Insight and Engineering Ltd, Calgary, Alberta, Canada	
A. Tsen	DSI Safety Inc., Mississauga, Ontario, Canada	
L. Verville	Brossard, Québec, Canada	
G. Willmott	Kee Safety Group, West Midlands, United Kingdom	
T. Donovska	CSA Group, Toronto, Ontario, Canada	<i>Project Manager</i>

Preface

This is the third edition of CSA Z259.15, *Anchorage connectors*. It supersedes the previous edition published in 2017 and 2012. It is part of a series of Standards on components of fall-protection systems.

Major changes in this edition include the following:

- a) Annex [H](#) has been added using the content of Clauses 7.1 to 7.4, 7.6, and 8.1.1.2 of the previous edition. This Annex is intended to be used by product manufacturers for self-evaluation and -declaration against the requirements of this Standard.
- b) The residual dynamic test requirements have been updated to allow use of a new test lanyard. The previous requirement was to reuse the same test lanyard from the initial dynamic test.
- c) The natural frequency requirement for the drop test structure has been removed from Clause [8.1.1](#).

This Standard is considered suitable for use for conformity assessment within the stated scope of the Standard.

This Standard was prepared by the Subcommittee on Anchorage Connectors, under the jurisdiction of the Technical Committee on Fall Protection and 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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 - c) *wording of the proposed change; and*
 - d) *rationale for the change.*

CSA Z259.15:22

Anchorage connectors

1 Scope

1.1

This Standard specifies performance, design, testing, marking, classification, and other requirements related to anchorage connectors in travel-restraint, fall-arrest, work-positioning, and suspended component/tie-back line systems.

1.2

The requirements of this Standard include (where applicable) anchorage connectors attached to an anchorage. Methods of verifying the actual strength of anchorages in the field are not included.

Note: See CSA Z259.16 for anchorage design and construction requirements.

1.3

This Standard does not differentiate between temporary, portable, and permanent anchorage connectors.

1.4

With the exception of multi-legged frames (e.g., tripods) and personnel davit arms, this Standard does not apply to ballasted, friction, counterweight, or vacuum anchorage connectors that rest on but are not fastened to an anchorage.

Note: See CSA Z259.16 for requirements for some of these types of anchorage connectors.

1.5

This Standard does not apply to

- a) equipment davit arms meeting the requirements of CSA Z271;
- b) anchorage connectors that are
 - i) custom engineered for limited or site-specific applications for fall protection in accordance with CSA Z259.16; or
 - ii) custom engineered for suspended component/tie-back line applications only meeting the requirements of CSA Z271;
- c) installation requirements for the anchorage connectors with the exception of information for use [see Clause [9.2 a](#)]; and
- d) verification of the strength of the structures or anchorage with the exception of information for use [see Clause [9.2 a](#)].

1.6

In this Standard, “shall” is used to express a requirement, i.e., a provision that the user is obliged to satisfy in order to comply with the Standard; “should” is used to express a recommendation or that which is advised but not required; and “may” is used to express an option or that which is permissible within the limits of the Standard.