CERTIFICATION Notice

An Urgent Bulletin from CSA Group

Occupational Health and Safety Products No. 117 **Effective Date: April 1, 2020**

Date: September 24, 2018 **Apply Before October 1, 2019**

Announcing: Publication of Z259.10-18 Full Body Harnesses

Class No: 7219 01, OCCUPATIONAL HEALTH AND SAFETY PRODUCTS - Fall Arresting Devices - Harnesses

To purchase the Standard, visit us at store.csagroup.org

Who is affected?

Manufacturers of full body harnesses.

What do you do?

1. CSA Group Service Delivery staff will contact you to address compliance with each revision as applicable to the product designs covered in your affected Certification Reports. In addition to updates to your Certificate(s) of Compliance & Report(s), testing may be required to comply with these revisions.
2. Please respond within thirty (30) days of receiving CSA Group's "Application for CSA Certification Services" and "Quotation" communication. You must respond no later than October 1, 2019 in order to guarantee the update to your certification is completed by April 1, 2020. If testing is needed, we will inform you of the samples required.

Approvals:

This is the fourth edition of CSA Z259.10, Full Body Harnesses. It supersedes the previous editions published in 2012, 2006, and 1990.

This Standard was prepared by the Subcommittee on Full Body Harnesses, 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.

Major Revisions:

See attachment 1

For questions specific to your file or products contact your CSA Group technical staff associate.
Go to http://www.csagroup.org/services/testing-and-certification/product-listing/ and enter your Master Contract # and the class numbers associated with this Notice to determine which of your products are affected.

For technical questions on this Certification Notice

Contact Sally Guo
by phone 416-747-2348, fax 416-747-4149
or e-mail sally.guo@csagroup.org

The standard edition or amendments announced in this Notice may be used for certification as of the date of issue of this Notice. The "Effective date" in this Notice is the date on which the current requirements, applicable to Certified products listed in the affected class numbers, expire and the standard edition or amendments announced in this Notice become the only requirements that may be used for certification.

In the event that currently certified products do not comply with the latest requirements outlined in this Notice after the "effective date", the certification of such models may be discontinued.

CSA Group
Groupe CSA

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ATTACHMENT 1

Major Revisions

Clause(s)	Changes
1	Scope
1.2	Clause 1.2 added item b to clarify that full body harness accessories sold as attachments or aftermarket additional items for users such as tool holders were excluded from the scope of the standard.
1.4	Clause 1.4 added tolerances to the standard.
2	Reference publications
	Removed CAN/CSA-Z259.2.1-98. Updated Z259.11-05 to Z259.11-17. Updated Z259.12-01 to Z259.12-16. Added new references: Z259.2.2-17, CAN/CSA-Z259.2.3-16, Z259.2.4-15, Z259.2.5-17, Z259.13-16, Z259.14-12 (R2016), Z259.15-17, Z259.16-15, Z259.17-16 and ASTM F887-16
3	Definitions
	Added the following new definitions: back strap, carabiner, controlled descent system, dorsal, d-ring, energy absorber (EA), fall-arrest indicator, free-fall distance (FFD), harness stretch (XH), maximum arrest force (MAF), personal energy absorber (PEA), self-locking gate, snap hook, soft loop, subsystem. Modified the definition of “work-positioning system (WPS)” to clarify that a work-positioning system is not intended for use as a fall-arrest system.
4	Design requirements
4.1	Fibre webbing Clause 4.1.2 was modified to clarify that stitching shall not be altered once the product has left the facility of the original equipment manufacturer
4.2	Connecting components Clause 4.2.2.2 external systems or elements that are integral was modified to clarify that where a full body harness is integrally connected to a fall-arrest system or element, that system or element shall meet the requirements of the applicable CSA Z259 series standard.
	Clause 4.4 of Z259.10-12, the requirement of the tongue type buckles shall have a single tongue was removed
4.5	Backstrap Clause 4.5 added a new requirement to ensure all full body harnesses permanently incorporate a waist belt or back strap or other means of controlling the separation of the shoulder strap on the back of the full body harness.
4.7	Classification Clause 4.7 added a new class of full body harnesses, Class R: arc resistant.
4.8	Class A — Fall-arrest Clause 4.8 was modified to clarify the position of the class I connector.
4.11	Class L — Ladder climbing Clause 4.11 replaced the reference standard Z259.2.1 with CSA Z259.2.4 and CSA Z259.2.5.
4.13	Class R — Arc-resistant Clause 4.13 added the design requirement for Class R full body harnesses.
5	Test samples and performance requirements

Clause(s)	Changes
5.1	Test samples Clause 5.1 test samples added a new sample requirement for class R full body harnesses.
5.2	Drop test performance requirements Clause 5.2.1, 5.2.2 and 5.2.3 changed the test mass suspended time after the dynamic drop test from “10 minutes” to “2 minutes”.
5.3	Class R performance requirements Clause 5.3 added the performance requirement for Class R full body harnesses.
6	Test equipment and procedures
6.1	Test equipment Clause 6.1.5 changed the requirement for the personal energy absorber used for fall arrest indictor dynamic test from “Class E4 specified in Z259.11-05 to “shall have a maximum arrest force within the range of 2.2 kN (500 lbf) to 4.0 kN (900 lbf)”.
	Test equipment Clause 6.1.6 added the specification of the load measuring instrumentation.
6.2	Test procedures
6.2.2	The dynamic drop test procedure for Classes A, D, E, L and P have been changed from “1.0m” to “1.0m or a height which will impact a maximum arrest force of at least 16kN, whichever height is lower.
6.2.3	Clause 6.2.3 added a new test procedure for Class R full body harnesses.
7	Markings and instructions - Added figure 6 for class R pictogram
Annex	Added annex A (informative) Sample Requirements Summary.