

CSA Z259 **Product Guide**

Fall Protection



CSA Z259 Fall Protection Code

I. CSA Z259, a Family Of Standards

The Canadian Standards Association is the main agency that enforces safety and health legislation in the workplace. The CSA Z259 Fall Protection Code addresses a critical need for guidance in creating fall protection programs and has become the benchmark standard incorporated into all Canadian industrial fall protection programs. Delineation of clear lines of authority and responsibility, detailed job planning and expanded training requirements are key among its guidance. The scope of the standard has expanded beyond fall arrest into other work applications, but continues to adhere to the "systems approach". The standard also improves strength and performance of products intended to protect worker safety and health.

This document will review and summarize key areas of CSA Z259 which will affect many Canadian employers, workers, safety professionals, manufacturers and others with a stake in the Canadian national consensus standard for fall protection. The revised and updated sections within the standard supersede requirements of the previous Z259 standard.

****It is important to note that safety equipment meeting the previous standard version can remain in service at the equipment owner's discretion until the equipment's end of useful life.***

Sections of the revised CSA Z259 standard include:

Z259.0	Terms & Definitions	Z259.12	Connecting Components
Z259.1	Body Belts and Saddles	Z259.13	Flexible Horizontal Lifelines
Z259.2.2	Self-Retracting Lanyards	Z259.14	Fall Restrict Equipment for Wood Pole Climbing
Z259.2.3	Descent Control Devices	Z259.15	Anchorage Connectors
Z259.2.4	Fall Arrestors for Fixed & Rigid Rails	Z259.16	Design of Active Fall Protection Systems
Z259.2.5	Fall Arrestors and Vertical Lifelines	Z259.17	Selection and Use of Active Fall Protection Equipment
Z259.10	Full Body Harnesses	Z259.18	Proposed temporary guarding
Z259.11	Energy Absorbers and Lanyards		

** New standard in development or under committee review*

II. Structure of the Canadian Standards Association Group

Before we begin examining the standards themselves, it is important to gain an understanding of the context for fall protection standards in Canada. First, the activities of CSA are governed under the rules of the national consensus standards body, the Standards Council of Canada, an organization equivalent in function to the American National Standards Institute (ANSI) in the US and the British Standards Institute in Great Britain.



Secondly, CSA is made up of two divisions: The Technical Advisory Committee and the Testing and Certification Division.

The CSA Technical Advisory Committee for Fall Protection is responsible for creating the CSA standards for Fall Protection. This committee represents a balanced membership of subject-matter experts representing end-user organizations, provincial regulators, manufacturers, industry consultants, educational institutions, non-governmental organizations and trade groups. Once a standard has been drafted, it undergoes a ballot process with a public review. It is the responsibility of Provincial Labor Ministries to incorporate these standards into law. The Provincial Health & Safety inspectors are then responsible for enforcing compliance in the field.




The CSA Testing and Certification Division provide product testing services and certification under the CSA mark. Products carrying this mark are certified to meet the referenced product standard and are produced under an approved quality management system and undergo regular verification testing to assure ongoing compliance. Testing and certification to CSA standards are also carried out by the Safety Equipment Institute (SEI) in the US, which offers an equivalent product certification process accredited by the Standards Council of Canada and recognized in the Canadian Provinces since year 2001. Products certified by the SEI carry the CSEI certification mark.

In Canada, personal protective equipment for fall arrest, work positioning and restraint must be certified by a third-party, independent testing laboratory to the applicable CSA standard, or must meet an approved equivalent level of protection.






Full-Body Harnesses		
EVOTECH HARNESS	Part Number	Description
	1 10105931	EVOTECH Harness, BACK D-ring ,Tongue Buckle leg straps, Qwik-Connect chest strap, Shoulder Padding, Standard (STD)
	2 10105932	EVOTECH Harness, BACK D-ring, Tongue Buckle leg straps, Qwik-Connect chest strap, Shoulder Padding, X-Large (XLG)
	1 10105940	EVOTECH Harness, BACK D-ring ,Qwik-Connect leg straps, Qwik-Connect chest strap, Shoulder Padding, Standard (STD)
	2 10105941	EVOTECH Harness, BACK D-ring ,Qwik-Connect leg straps, Qwik-Connect chest strap, Shoulder Padding, X-Large (XLG)
	1 10105933	EVOTECH Harness, BACK & HIP D-rings, Tongue Buckle leg straps, Qwik-Connect chest strap, Shoulder Padding, Standard (STD)
	2 10105935	EVOTECH Harness, BACK & HIP D-rings, Tongue Buckle leg straps, Qwik-Connect chest strap, Shoulder Padding, X-Large (XLG)
	1 10105942	EVOTECH Harness, BACK & HIP D-rings, Qwik-Connect leg straps, Qwik-Connect chest strap, Shoulder Padding, Standard (STD)
	2 10105943	EVOTECH Harness, BACK & HIP D-rings, Qwik-Connect leg straps, Qwik-Connect chest strap, Shoulder Padding, X-Large (XLG)
EVOTECH CONSTRUCTION HARNESS	Part Number	Description
	10112708	EVOTECH Construction Harness w/integral backpad, BACK & HIP D-rings, Tongue Buckle leg straps, Qwik-Connect chest strap, Shoulder Padding, Standard (STD)
	10112709	EVOTECH Construction Harness w/integral backpad, BACK & HIP D-rings, Tongue Buckle leg straps, Qwik-Connect chest strap, Shoulder Padding, X-Large (XLG)
	10112742	EVOTECH Construction Harness w/integral backpad, BACK & HIP D-rings, Qwik-Connect leg straps, Qwik-Connect chest strap, Shoulder Padding, Standard (STD)
	10112743	EVOTECH Construction Harness w/integral backpad, BACK & HIP D-rings, Qwik-Connect leg straps, Qwik-Connect chest strap, Shoulder Padding, X-Large (XLG)
	2 10112710	EVOTECH Construction Harness w/integral backpad, BACK, HIP & CHEST D-rings, Tongue Buckle leg straps, Qwik-Connect chest strap, Shoulder Padding, Standard (STD)
	2 10112741	EVOTECH Construction Harness w/integral backpad, BACK, HIP & CHEST D-rings, Tongue Buckle leg straps, Qwik-Connect chest strap, Shoulder Padding, X-Large (XLG)
	2 10112744	EVOTECH Construction Harness w/integral backpad, BACK, HIP & CHEST D-rings, Qwik-Connect leg straps, Qwik-Connect chest strap, Shoulder Padding, Standard (STD)
	2 10112745	EVOTECH Construction Harness w/integral backpad, BACK, HIP & CHEST D-rings, Qwik-Connect leg straps, Qwik-Connect chest strap, Shoulder Padding, X-Large (XLG)

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Full-Body Harnesses		
EVOTECH TOWER HARNESS	Part Number	Description
	10112758	EVOTECH Harness, BACK D-ring ,Tongue Buckle leg straps, Qwik-Connect chest strap, Shoulder Padding, Standard (STD)
	10112759	EVOTECH Harness, BACK D-ring, Tongue Buckle leg straps, Qwik-Connect chest strap, Shoulder Padding, X-Large (XLG)
	10112760	EVOTECH Harness, BACK D-ring ,Qwik-Connect leg straps, Qwik-Connect chest strap, Shoulder Padding, Standard (STD)
	10112761	EVOTECH Harness, BACK D-ring ,Qwik-Connect leg straps, Qwik-Connect chest strap, Shoulder Padding, X-Large (XLG)
TECHNACURV HARNESS	Part Number	Description
	1 10041591	TechnaCurv Harness, Vest-Style, BACK D-ring, Tongue Buckle leg straps, Qwik-Fit chest strap, Standard (STD)
	1 10041592	TechnaCurv Harness, Vest-Style, BACK D-ring, Tongue Buckle leg straps, Qwik-Fit chest strap, X-Large (XLG)
	1 10041599	TechnaCurv Harness, Vest-Style, BACK D-ring, Tongue Buckle leg straps, Qwik-Fit chest strap, Shoulder Padding, Standard (STD)
	10041600	TechnaCurv Harness, Vest-Style, BACK D-ring, Tongue Buckle leg straps, Qwik-Fit chest strap, Shoulder Padding, X-Large (XLG)
	2 10041603	TechnaCurv Harness, Vest-Style, BACK & HIP D-rings, Tongue Buckle leg straps, Qwik-Fit chest strap, Shoulder Padding, Standard (STD)
	10041604	TechnaCurv Harness, Vest-Style, BACK & HIP D-rings, Tongue Buckle leg straps, Qwik-Fit chest strap, Shoulder Padding, X-Large (XLG)
	1 10041595	TechnaCurv Harness, Vest-Style, BACK & HIP D-rings, Tongue Buckle leg straps, Qwik-Fit chest strap, Standard (STD)
	10041596	TechnaCurv Harness, Vest-Style, BACK & HIP D-rings, Tongue Buckle leg straps, Qwik-Fit chest strap, X-Large (XLG)
TECHNACURV CONSTRUCTION HARNESS	Part Number	Description
	2 10054402	TechnaCurv Construction Harness w/integral backpad, Vest-Style, BACK & HIP D-rings, Tongue Buckle leg straps, Qwik-Fit chest strap, Shoulder Padding, Standard (STD)
	10054720	TechnaCurv Construction Harness w/integral backpad, Vest-Style, BACK & HIP D-rings, Tongue Buckle leg straps, Qwik-Fit chest strap, Shoulder Padding, X-Large (XLG)
	10063654	TechnaCurv Construction Harness w/integral backpad, Vest-Style, BACK & HIP D-rings, Tongue Buckle leg straps, Qwik-Fit chest strap, Shoulder Padding, Standard (STD), Hi-Viz Green Webbing
	10063656	TechnaCurv Construction Harness w/integral backpad, Vest-Style, BACK & HIP D-rings, Tongue Buckle leg straps, Qwik-Fit chest strap, Shoulder Padding, X-Large (XLG), Hi-Viz Green Webbing

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Full-Body Harnesses		
WORKMAN HARNESS	Part Number	Description
	1 10072479	Workman Harness, BACK D-ring, Qwik-Fit leg straps, Qwik-Fit chest strap, Standard (STD)
	1 10072480	Workman Harness, BACK D-ring, Qwik-Fit leg straps, Qwik-Fit chest strap, X-Large (XLG)
	1 10072487	Workman Harness, BACK D-ring, Tongue Buckle leg straps, Qwik-Fit chest strap, Standard (STD)
	1 10072488	Workman Harness, BACK D-ring, Tongue Buckle leg straps, Qwik-Fit chest strap, X-Large (XLG)
	1 10072483	Workman Harness, BACK & HIP D-rings, Qwik-Fit leg straps, Qwik-Fit chest strap, Standard (STD)
	1 10072484	Workman Harness, BACK & HIP D-rings, Qwik-Fit leg straps, Qwik-Fit chest strap, X-Large (XLG)
	2 10072490	Workman Harness, BACK & HIP D-rings, Tongue Buckle leg straps, Qwik-Fit chest strap, X-Small (XSM)
	1 10072491	Workman Harness, BACK & HIP D-rings, Tongue Buckle leg straps, Qwik-Fit chest strap, Standard (STD)
	10108744	Workman Harness, BACK & CHEST D-rings, Tongue Buckle leg straps, Qwik-Fit chest strap, Standard (STD)
	10108745	Workman Harness, BACK & CHEST D-rings, Tongue Buckle leg straps, Qwik-Fit chest strap, X-Large (XLG)
	2 10108768	Workman Harness, BACK, HIP & CHEST D-rings, Tongue Buckle leg straps, Qwik-Fit chest strap, Standard (STD)
	10108769	Workman Harness, BACK, HIP & CHEST D-rings, Tongue Buckle leg straps, Qwik-Fit chest strap, X-Large (XLG)
WORKMAN CONSTRUCTION HARNESS	Part Number	Description
	1 10077571	Workman Construction Harness, BACK & HIP D-rings, Tongue Buckle leg straps, Qwik-Fit chest strap, Integral Back Pad & Tool Belt, Shoulder Pads, Standard (STD)
	1 10077572	Workman Construction Harness, BACK & HIP D-rings, Tongue Buckle leg straps, Qwik-Fit chest strap, Integral Back Pad & Tool Belt, Shoulder Pads, X-Large (XLG)
THERMATEK HARNESS	Part Number	Description
	1 10020062	Thermatek Welder's Harness, BACK & HIP D-rings, Qwik-Fit leg & chest straps, Green Kevlar Nomex Webbing, Standard (STD)
	10020066	Thermatek Welder's Harness, BACK & HIP D-rings, Qwik-Fit leg & chest straps, Green Kevlar Nomex Webbing, X-Large (XLG)

MSA CSA Z259 Compliant Products





Full-Body Harnesses

ARCSAFE HARNESS	Part Number	Description
	10060101	ArcSafe Pullover Harness, BACK WEB Loop, Qwik-Fit leg straps, Standard (STD)
	10060102	ArcSafe Pullover Harness, BACK WEB Loop, Qwik-Fit leg straps, X-Large (XLG)
	10082569	ArcSafe Pullover Harness, BACK, HIP & BELAY WEB Loops, Tongue Buckle leg straps, Rubber Hardware Covers, Standard (STD)
	10082570	ArcSafe Pullover Harness, BACK, HIP & BELAY WEB Loops, Tongue Buckle leg straps, Rubber Hardware covers, X-Large (XLG)

Energy-Absorbing Lanyards (CSA Z259.11)





WORKMAN ENERGY-ABSORBING LANYARDS	Part Number	Description
	1 10072472	Workman Single-Leg Energy-Absorbing Lanyard, 6', 36C snaphooks, Tieback version, CSA Z259.11
	1 10072474	Workman Single-Leg Energy-Absorbing Lanyard, 6', 36C snaphooks, CSA Z259.11
	1 10076124	Workman Single-Leg Energy-Absorbing Lanyard, 6', 36C snaphook & 36CL Rebar snaphook, CSA Z259.11
	1 10072473	Workman Twin-Leg Energy-Absorbing Lanyard, 6', (2) 36C snaphooks, Tieback version, CSA Z259.11
	1 10073708	Workman Twin-Leg Energy-Absorbing Lanyard, 6', (2) 36C snaphooks, CSA Z259.11
	1 10072475	Workman Twin-Leg Energy-Absorbing Lanyard, 6', 36C snaphook & (2) 36CL Rebar snaphooks, CSA Z259.11
FP5K ENERGY-ABSORBING WEB LANYARDS	Part Number	Description
	1 10047084	FP5K Energy-Absorbing Web Lanyard, Single-Leg, Tieback version, 36C snaphook & FP5K snaphook, Adjustable, CSA Z259.11
	1 10047085	FP5K Energy-Absorbing Web Lanyard, Twin-Leg, Tieback version, 36C snaphook & (2) FP5K snaphooks, Adjustable, CSA Z259.11

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Energy-Absorbing Lanyards (CSA Z259.11)		
FP5K ENERGY-ABSORBING CABLE LANYARDS	Part Number	Description
	10047086	FP5K Energy-Absorbing Cable Lanyard, Single-Leg, Tieback version, 36C snaphook & FP5K snaphook, Fixed, CSA Z259.11
	10047087	FP5K Energy-Absorbing Cable Lanyard, Twin-Leg, Tieback version, 36C snaphook & (2) FP5K snaphooks, Fixed, CSA Z259.11
SURE-STOP ENERGY-ABSORBING WEB LANYARDS	Part Number	Description
	SWL4068703LS	Sure-Stop Single-Leg Energy-Absorbing Web Lanyard, 3', Fixed length, 36C steel snaphooks, CSA Z259.11
	SWL4068704LS	Sure-Stop Single-Leg Energy-Absorbing Web Lanyard, 4', Fixed length, 36C steel snaphooks, CSA Z259.11
	SWL4068706LS	Sure-Stop Single-Leg Energy-Absorbing Web Lanyard, 6', Fixed length, 36C steel snaphooks, CSA Z259.11
	*10118779	Sure-Stop Single-Leg Energy-Absorbing Web Lanyard, 6', Adjustable, 36C steel snaphooks, E6 Heavy Worker, CSA Z259.11
SURE-STOP ENERGY-ABSORBING CABLE LANYARDS	Part Number	Description
	SCL4067304LS	Sure-Stop Single-Leg Energy-Absorbing Cable Lanyard, 4', Fixed length, 36C steel snaphooks, CSA Z259.11
	SCL4067305LS	Sure-Stop Single-Leg Energy-Absorbing Cable Lanyard, 5', Fixed length, 36C steel snaphooks, CSA Z259.11
	SCL4067306LS	Sure-Stop Single-Leg Energy-Absorbing Cable Lanyard, 6', Fixed length, 36C steel snaphooks, CSA Z259.11
	SCL4067308LS	Sure-Stop Single-Leg Energy-Absorbing Cable Lanyard, 8', Fixed length, 36C steel snaphooks, CSA Z259.11
	*10118802	Sure-Stop Single-Leg Energy-Absorbing Cable Lanyard, 6', Adjustable, 36C steel snaphooks, E6 Heavy Worker, CSA Z259.11
	*10118803	Sure-Stop Twin-Leg Energy-Absorbing Cable Lanyard, 6', Fixed length, (2) 36C steel snaphooks, E6 Heavy Worker, CSA Z259.11
	*10118804	Sure-Stop Twin-Leg Energy-Absorbing Cable Lanyard, 6', Fixed length, (2) 36CL Rebar snaphooks, E6 Heavy Worker, CSA Z259.11
SURE-STOP ENERGY-ABSORBING ROPE LANYARDS	Part Number	Description
	SNL4048404LS	Sure-Stop Single-Leg Energy-Absorbing Rope Lanyard, 4', Fixed length, 36C steel snaphooks, CSA Z259.11
	SNL4048405LS	Sure-Stop Single-Leg Energy-Absorbing Rope Lanyard, 5', Fixed length, 36C steel snaphooks, CSA Z259.11
	SNL4048406LS	Sure-Stop Single-Leg Energy-Absorbing Rope Lanyard, 6', Fixed length, 36C steel snaphooks, CSA Z259.11
	SNL4048408LS	Sure-Stop Single-Leg Energy-Absorbing Rope Lanyard, 8', Fixed length, 36C steel snaphooks, CSA Z259.11
	SNL4048410LS	Sure-Stop Single-Leg Energy-Absorbing Rope Lanyard, 10', Fixed length, 36C steel snaphooks, CSA Z259.11




* E6 Heavy-Worker

MSA CSA Z259 Compliant Products




Energy-Absorbing Lanyards (CSA Z259.11)		
DIAMOND ENERGY-ABSORBING LANYARDS	Part Number	Description
	1 10023932	Diamond Single-Leg Energy-Absorbing Lanyard, 6', 36C steel snaphooks, CSA Z259.11
	1 10023933	Diamond Single-Leg Energy-Absorbing Lanyard, 6', 36C steel snaphook & 36CL Rebar snaphook, CSA Z259.11
	10074736	Diamond Single-Leg Energy-Absorbing Lanyard, 5', 36C steel snaphook & 36CL Rebar snaphook, CSA Z259.11
	10023936	Diamond Single-Leg Energy-Absorbing Lanyard, 5', 36C steel snaphooks, CSA Z259.11
	1 10023970	Diamond Twin-Leg Energy-Absorbing Lanyard, 6', 36CS swivel snaphook & (2) 36C steel snaphooks, CSA Z259.11
	1 10023971	Diamond Twin-Leg Energy-Absorbing Lanyard, 6', 36CS swivel snaphook & (2) 36CL Rebar snaphooks, CSA Z259.11
	10023937	Diamond Twin-Leg Energy-Absorbing Lanyard, 5', 36CS swivel snaphook & (2) 36C steel snaphooks, CSA Z259.11
	1 10045936	Diamond Single-Leg Energy-Absorbing Expanyard, 6', 36C steel snaphooks, CSA Z259.11
	10053015	Diamond Single-Leg Energy-Absorbing Expanyard, 6', 36C steel snaphook & 36CL Rebar snaphook, CSA Z259.11
	1 10045938	Diamond Twin-Leg Energy-Absorbing Expanyard, 6', 36CS swivel snaphook & (2) 36CL Rebar snaphooks, CSA Z259.11
THERMATEK ENERGY-ABSORBING CABLE LANYARDS	Part Number	Description
	1 10023485	Thermatek Single-Leg Energy-Absorbing Cable Lanyard, 6', 36C steel snaphooks, CSA Z259.11, E4
	10152844	Thermatek Single-Leg Energy-Absorbing Cable Lanyard, 6', 36C steel snaphook & 36CL Rebar steel snaphook, CSA Z259.11, E4
	10027104	Thermatek Single-Leg Energy-Absorbing Cable Lanyard, 5', 36C steel snaphooks, CSA Z259.11, E4
	10152845	Thermatek Twin-Leg Energy-Absorbing Cable Lanyard, 6', 36C steel snaphooks, CSA Z259.11, E4
	10099974	Thermatek Twin-Leg Energy-Absorbing Cable Lanyard, 6', 36CL Rebar steel snaphooks, CSA Z259.11, E4
	*10118812	Thermatek Single-Leg Energy-Absorbing Cable Lanyard, 6', 36C steel snaphooks, E6 Heavy-Worker, CSA Z259.11
	*10118813	Thermatek Twin-Leg Energy-Absorbing Cable Lanyard, 6', 36C steel snaphooks, E6 Heavy-Worker, CSA Z259.11
ARCSAFE ENERGY-ABSORBING LANYARDS	Part Number	Description
	1 10060139	ArcSafe Single-Leg Energy-Absorbing Lanyard, 6', Hitch Loop, 36C steel snaphook, CSA Z259.11
	1 10060140	ArcSafe Twin-Leg Energy-Absorbing Lanyard, 6', Hitch Loop, 36C steel snaphook, CSA Z259.11
	*10118808	ArcSafe Single-Leg Energy-Absorbing Lanyard, 6', Hitch Loop, 36C steel snaphooks, E6 Heavy-Worker, CSA Z259.11
	*10118809	ArcSafe Twin-Leg Energy-Absorbing Lanyard, 6', Hitch Loop, 36C steel snaphooks, E6 Heavy-Worker, CSA Z259.11
	*10118810	ArcSafe Twin-Leg Energy-Absorbing Lanyard, 6', Hitch Loop, 36CL steel snaphooks, E6 Heavy-Worker, CSA Z259.11
ENERGY-ABSORBING SUB-ASSEMBLY	Part Number	Description
	SSA4002LS	Sure-Stop Sub-Assembly Energy Absorber w/D-ring & 36C steel snaphook, CSA Z259.11

* E6 Heavy-Worker

MSA CSA Z259 Compliant Products








Restraint Lanyards (CSA Z259.11)		
WEB RESTRAINT LANYARD	Part Number	Description
	1 505204	Web Restraint Lanyard, 6', Nylon, Adjustable, 36C steel snaphooks, ANSI Z359 & CSA Z259
	10072499	Web Restraint Lanyard, 6', Polyester, Adjustable, 36C steel snaphooks, CSA Z259
	SWL3268702LS	Web Restraint Lanyard, 2', Nylon, Fixed length, 36C steel snaphooks, ANSI Z359 & CSA Z259
	SWL3268703LS	Web Restraint Lanyard, 3', Nylon, Fixed length, 36C steel snaphooks, ANSI Z359 & CSA Z259
	SWL3268704LS	Web Restraint Lanyard, 4', Nylon, Fixed length, 36C steel snaphooks, ANSI Z359 & CSA Z259
	SWL3268705LS	Web Restraint Lanyard, 5', Nylon, Fixed length, 36C steel snaphooks, ANSI Z359 & CSA Z259
	SWL3268706LS	Web Restraint Lanyard, 6', Nylon, Fixed length, 36C steel snaphooks, ANSI Z359 & CSA Z259
	SWL3268710LS	Web Restraint Lanyard, 10', Nylon, Fixed length, 36C steel snaphooks, ANSI Z359 & CSA Z259
ROPE RESTRAINT LANYARD	Part Number	Description
	2 SNL3248404LS	Rope Restraint Lanyard, 4', Nylon, Fixed length, 36C steel snaphooks, CSA Z259
	SNL3248405LS	Rope Restraint Lanyard, 5', Nylon, Fixed length, 36C steel snaphooks, CSA Z259
	SNL3248406LS	Rope Restraint Lanyard, 6', Nylon, Fixed length, 36C steel snaphooks, CSA Z259
	SNL3248407LS	Rope Restraint Lanyard, 7', Nylon, Fixed length, 36C steel snaphooks, CSA Z259
	SNL3248408LS	Rope Restraint Lanyard, 8', Nylon, Fixed length, 36C steel snaphooks, CSA Z259
	SNL3248409LS	Rope Restraint Lanyard, 9', Nylon, Fixed length, 36C steel snaphooks, CSA Z259
	SNL3248410LS	Rope Restraint Lanyard, 10', Nylon, Fixed length, 36C steel snaphooks, CSA Z259
CABLE RESTRAINT	Part Number	Description
	SCL3267303LS	Cable Restraint Lanyard, 3', Fixed length, 36C steel snaphooks, vinyl cover, CSA Z259
	10089533	Cable Restraint Lanyard, 4', Fixed length, 36C steel snaphooks, vinyl cover, CSA Z259
	10122955	Cable Restraint Lanyard, 5', Fixed length, 36C steel snaphooks, vinyl cover, CSA Z259
	SCL3267306LS	Cable Restraint Lanyard, 6', Fixed length, 36C steel snaphooks, vinyl cover, CSA Z259

MSA CSA Z259 Compliant Products

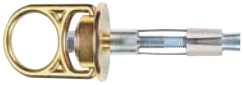
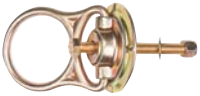






Self-Retracting Devices (CSA Z259.2.2)		
WORKMAN SRL	Part Number	Description
	1 10119507	Workman SRL, 30', Galvanized Cable, 36CS swivel snaphook, CSA Z259.2.2
	1 10120724	Workman SRL, 30', Stainless Steel Cable, 36CS steel swivel snaphook, CSA Z259.2.2
	1 10121834	Workman SRL, 50', Galvanized Cable, 36CS steel swivel snaphook, CSA Z259.2.2
	1 10121778	Workman SRL, 50', Stainless Steel Cable, 36CS steel swivel snaphook, CSA Z259.2.2
WORKMAN WEB PFL	Part Number	Description
	1 10093356	Workman Web PFL, 10', 36C steel snaphook, CSA Z259.2.2
	1 10093357	Workman Web PFL, 10', 36C steel snaphook, includes 1" steel carabiner, CSA Z259.2.2
	10093358	Workman Web PFL, 10', 36C steel snaphook, Back D-ring connector, CSA Z259.2.2
WORKMAN CABLE PFL	Part Number	Description
	2 10104796	Workman Cable PFL, 10', 36C steel snaphook, CSA Z259.2.2
	10104797	Workman Cable PFL, 10', 36C steel snaphook, includes 1" steel carabiner, CSA Z259.2.2
	10104798	Workman Cable PFL, 10', 36C steel snaphook, Back D-ring connector, CSA Z259.2.2



MSA CSA Z259 Compliant Products





Self-Retracting Devices (CSA Z259.2.2)		
WORKMAN TWIN-LEG PFL	Part Number	Description
	1 10120052	Workman Twin Leg PFL, 6', 36C steel snaphooks, CSA Z259.2.2
	1 10118937	Workman Twin Leg PFL, 6', 36CL steel rebar snaphooks, CSA Z259.2.2
	1 10120050	Workman Twin Leg PFL, 6', AL36CL aluminum rebar snaphooks, CSA Z259.2.2
	1 10125271	Workman Twin Leg Tieback PFL, 6', FP5K snaphooks, CSA Z259.2.2
DYNA-LOCK SRL	Part Number	Description
	1 10006447	Dyna-Lock SRL, 20' (6M) Nylon Web, 36CS swivel snaphook, CSA Z259.2.2
	1 10017933	Dyna-Lock SRL, 20' (6M) Stainless Steel Cable, 36CS swivel snaphook, CSA Z259.2.2
	1 10006446	Dyna-Lock SRL, 20' (6M), Backpacker (for use w/RCD System) Nylon Web, 36CS swivel snaphook, CSA Z259.2.2
	2 10006470	Dyna-Lock SRL, 30' Galvanized Wire Rope, 36CS steel swivel snaphook, CSA Z259.2.2
	1 10006469	Dyna-Lock SRL, 30' Stainless Steel Wire Rope, 36CS steel swivel snaphook, CSA Z259.2.2
	2 10006468	Dyna-Lock SRL, 50' Galvanized Wire Rope, 36CS steel swivel snaphook, CSA Z259.2.2
	10006467	Dyna-Lock SRL, 50' Stainless Steel Wire Rope, 36CS steel swivel snaphook, CSA Z259.2.2
	10006466	Dyna-Lock SRL, 70' Galvanized Wire Rope, 36CS steel swivel snaphook, CSA Z259.2.2
	10006465	Dyna-Lock SRL, 70' Stainless Steel Wire Rope, 36CS steel swivel snaphook, CSA Z259.2.2
	10006464	Dyna-Lock SRL, 95' (30M) Galvanized Wire Rope, 36CS steel swivel snaphook, CSA Z259.2.2
	10006463	Dyna-Lock SRL, 95' (30M) Stainless Steel Wire Rope, 36CS steel swivel snaphook, CSA Z259.2.2
VERTICAL LIFELINE	Part Number	Description
	10077721	Workman Vertical Lifeline, 25', Polysteel Rope and 36C snaphook on one end
	10077720	Workman Vertical Lifeline, 50', Polysteel Rope and 36C snaphook on one end
ROPE GRAB	Part Number	Description
	10077718	SureGrab Rope Grab w/Panic feature, CSA Z259
DYNA-LINE TEMPORARY HORIZONTAL LIFELINE FOR TWO WORKERS	Part Number	Description
	10150413	Dyna-Line Temporary Horizontal Lifeline for two workers, 30-ft. rope (9m)
	10150414	Dyna-Line Temporary Horizontal Lifeline for two workers, 60-ft. rope (18m)
	10150415	Dyna-Line Temporary Horizontal Lifeline for two workers, 100-ft. rope (30m)
STEEL CABLE HORIZONTAL LIFELINE SYSTEM	Part Number	Description
	10150420	Steel Cable Horizontal Lifeline System with turnbuckle, 20 ft. (6m)
	10150421	Steel Cable Horizontal Lifeline System with turnbuckle, 30 ft. (10m)
	10150416	Steel Cable Horizontal Lifeline System with turnbuckle, 40 ft. (12m)
	10150422	Steel Cable Horizontal Lifeline System with turnbuckle, 50 ft. (16m)
	10150418	Steel Cable Horizontal Lifeline System with turnbuckle, 60 ft. (18m)
	10150417	Iron Worker Cable Horizontal Lifeline System without turnbuckle, 40 ft. (12 m)
	10150419	Iron Worker Cable Horizontal Lifeline System without turnbuckle, 60 ft. (18 m)
SURELINE TEMPORARY HORIZONTAL LIFELINE	Part Number	Description
	10150423	SureLine Temporary Horizontal Lifeline, 40 ft. (12 m) black rope
	10150424	SureLine Temporary Horizontal Lifeline, 60 ft. (18 m) black rope

MSA CSA Z259 Compliant Products




Anchorage Connectors		
MEGA SWIVEL ANCHORAGE CONNECTORS		Description
 	10144957	10K MEGA Swivel Hybrid Kit
	10144944	5K MEGA Swivel Anchorage Connector Kit, Zinc-plated for STEEL
	10144945	5K MEGA Swivel Anchorage Connector Kit, Zinc-plated for CONCRETE
	10144949	5K MEGA Swivel Anchorage Connector Kit, Stainless Steel for STEEL
	10144950	5K MEGA Swivel Anchorage Connector Kit, Stainless Steel for CONCRETE
	10129084	10K MEGA Swivel Anchorage Connector Kit, Zinc-plated for STEEL
	10129085	10K MEGA Swivel Anchorage Connector Kit, Zinc-plated for CONCRETE
REMOVABLE CONCRETE ANCHORS		Description
	10144960	5K Drop through Anchorage Connector, 8.5'
	10144961	5K Toggle Lok Anchorage Connector
	10081594	5K Removable Concrete Anchor
	10081570	10K Removable Concrete Anchor
BEAM GRIPS	Part Number	Description
	10144431	Workman FP Stryder Beam Grip, 4"-13.5" beam
	10144432	Workman FP Stryder Beam Grip, 14"-23.5" beam
ANCHOR STRAPS & SLINGS	Part Number	Description
  	505282	Anchorage Connector Strap, Yellow Nylon, Single D-ring, 5'
	10001621	Anchorage Connector Strap, Yellow Nylon, Single D-ring, 6'
	10002183	Anchorage Connector Strap, Yellow Nylon, Single D-ring, 10'
	10036028	Anchorage Connector Strap, Yellow Nylon, Double D-ring, 3'
	10023490	Anchorage Connector Strap, Yellow Nylon, Double D-ring, 5'
	10037533	Anchorage Connector Strap, Yellow Nylon, Double D-ring, 12'
	SFP2267503	Double D-Ring Anchorage Connector Strap, 3'
	SFP2267504	Double D-Ring Anchorage Connector Strap, 4'
	SFP2267506	Double D-Ring Anchorage Connector Strap, 6'
	10023487	Thermatek Anchorage Connector Strap, Kevlar Web, 6'
	SFP3267606	Anchorage Cable Sling, 6' length, O-ring
	SFP3267503	Anchorage Cable Sling, 3' length
	SFP3267504	Anchorage Cable Sling, 4' length
	SFP3267505	Anchorage Cable Sling, 5' length
	SFP3267506	Anchorage Cable Sling, 6' length
	SFP3267508	Anchorage Cable Sling, 8' length
	SFP3267510	Anchorage Cable Sling, 10' length
WORK-POSITIONING	Part Number	Description
	415957	Rebar Web Assembly, 36CL Rebar steel snaphook & (2) 36C steel snaphooks, ANSI Z359 & CSA Z259
	10072498	Rebar Web Assembly, 13" legs, 36CL Rebar steel snaphook & (2) 36C steel snaphooks, CSA Z259

MSA CSA Z259 Compliant Products




Carabiners

CARABINERS	Part Number	Description
	 10089205	Steel Carabiner, 9/16" Gate Opening, Auto-Locking
	 10089207	Steel Carabiner, 1" Gate Opening, Auto-Locking
	 10089209	Steel Carabiner, 2.1" Gate Opening, Auto-Locking

Confined Space Entry

CONFINED SPACE ENTRY KITS	Part Number	Description
	10153141	Workman Tripod, 65' Workman Winch, galvanized cable, 50' Lynx Rescuer
	10153725	Workman Tripod, 65' Workman Winch, stainless steel cable, 50' Lynx Rescuer
	10153726	Workman Tripod, 65' Workman Winch, galvanized cable, 50' Dynevac II Rescuer
	10153142	Workman Tripod, 65' Workman Winch, stainless steel cable, 50' Dynevac II Rescuer
WORKMAN WINCH	Part Number	Description
	10153757	Workman Winch, Galvanized Cable, 65 ft.
	10147301	Workman Winch, Stainless Steel Cable, 65 ft.
LYNX HOIST	Part Number	Description
	10016568	Lynx Hoist, Galvanized Cable, 105 ft.
	10016566	Lynx Hoist, Stainless Steel Cable, 105 ft.

MSA CSA Z259 Compliant Products

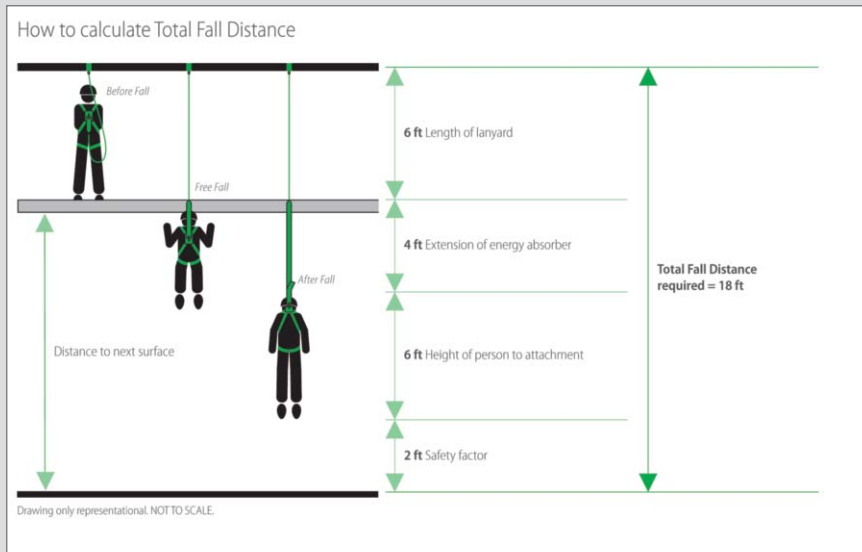
Confined Space Entry		
LYNX RESCUERS	Part Number	Description
	10023016	Lynx Rescuer, 50', Stainless Steel Cable, 36CS swivel snaphook, CSA
	10023017	Lynx Rescuer, 95', Stainless Steel Cable, 36CS swivel snaphook, CSA
DYNEVAC II RESCUERS	Part Number	Description
	10007782	Dynevac II, 50', Stainless Steel Cable, 36CS swivel snaphook, CSA
	10007783	Dynevac II, 95', Stainless Steel Cable, 36CS swivel snaphook, CSA
CONFINED SPACE ENTRY COMPONENTS	Part Number	Description
	10102002	Workman Tripod, 8 ft.
	506232	Mounting Bracket for 30' & 50' Lynx Rescuer/Dynevac II
	506216	Mounting Bracket for 70' & 95' Lynx Rescuer/Dynevac II
	506222	Pulley
	10089207	Carabiner

Harness Sizing



CLEARANCES FOR FALL ARREST SYSTEMS Next to calculating loads, clearance calculation is the most important evaluation the engineer must perform in fall protection system design. In order to determine minimum clearances, the engineer must accurately calculate the total system fall distance based upon each of the following variables:

FREE FALL DISTANCE	The unimpeded worker fall distance, which ends when all system slack is removed and further worker displacement, is resisted by forces developed in the system.
DECELERATION DISTANCE	The distance over which the fall arrest system reacts to bring the falling worker to a complete stop.
STRETCH OUT	The stretch of the body support harness, plus worker's body reaction deceleration forces.
SWING FALL DISTANCE	Allowance for additional fall distance created by a pendulum-type fall.
SAFETY MARGIN	The margin of safety added to allow for unforeseen conditions; the margin of safety is different for rigid and flexible anchor systems.



OSHA Reference Information

QUALIFIED PERSON V. COMPETENT PERSON Per OSHA definitions: A "Qualified" person is one who, by possession of a recognized degree, certificate, or professional standing, or who by extensive knowledge, training, and experience, has successfully demonstrated his ability to solve or resolve problems relating to the subject matter, the work, or the project.

A "Competent" person is one who is capable of identifying existing and predictable hazards in the surroundings or working conditions which are unsanitary, hazardous, or dangerous to employees, and who has authorization to take prompt corrective measures to eliminate them.



OUR COMMITMENT
TO YOU...

The MSA Fall Protection Promise

MSA promises to replace any MSA harness and/or textile lanyard FREE of charge if a user falls while properly using our product. If the fall occurs while using an MSA mechanical device, we will re-certify the device FREE of charge.

MSA believes that it is important to provide high quality products and recognize safe work practices.

Products should be returned with a signed copy of the accident report to:

MSA

Attn: Fall Protection Product Line Manager

1100 Cranberry Woods Drive

Cranberry Township, PA 16066-5204









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Need it NOW! is our fall protection delivery program that's designed to get you the products you need, when you need them — **NOW!**

Two tiers of priority shipping are offered under the **Need it NOW!** delivery program:

- Tier I includes MSA's most popular products. Tier I delivery offers same day or next-day shipping.
- Tier II delivery offers shipping within 5 days.

Products included in this program are identified by the following symbols:

- Symbols with a 1 denote Tier I product status  
- Symbols with a 2 denote Tier II product status  
- Black symbols denote that the maximum order quantity for priority shipping is 100 units  
- Red symbols denote that the maximum order quantity for priority shipping is 50 units  

Visit our website at www.MSAafety.com to view complete program terms and conditions.

Note: This bulletin contains only a general description of the products shown. While uses and performance capabilities are described, under no circumstances shall the products be used by untrained or unqualified individuals and not until the product instructions including any warnings or cautions provided have been thoroughly read and understood. Only they contain the complete and detailed information concerning proper use and care of these products.



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