

V-SERIES™ Standard & Leading-Edge SRLs



V-TEC™ Standard SRL

V-EDGE™ Leading-Edge SRL

WE KNOW WHAT'S AT STAKE.

V-TEC™ Standard SRLs

With premium components and innovative engineering, the V-TEC Standard SRL offers controlled cable retraction—preventing excessive lifeline retraction speed and protecting internal parts from damage.



Easy Inspection

Clear outer housing.



Easy Transportation

Carry handle included.



Assured Safety

Spiral radial energy-absorbing technology requires zero calibration or adjustment.



Downtime Minimized

Completely field-serviceable, the cable, energy-absorber, and retraction dampener can all be replaced on site.



Versatile

Available in 20 ft., 30 ft., 50 ft., and 90 ft.



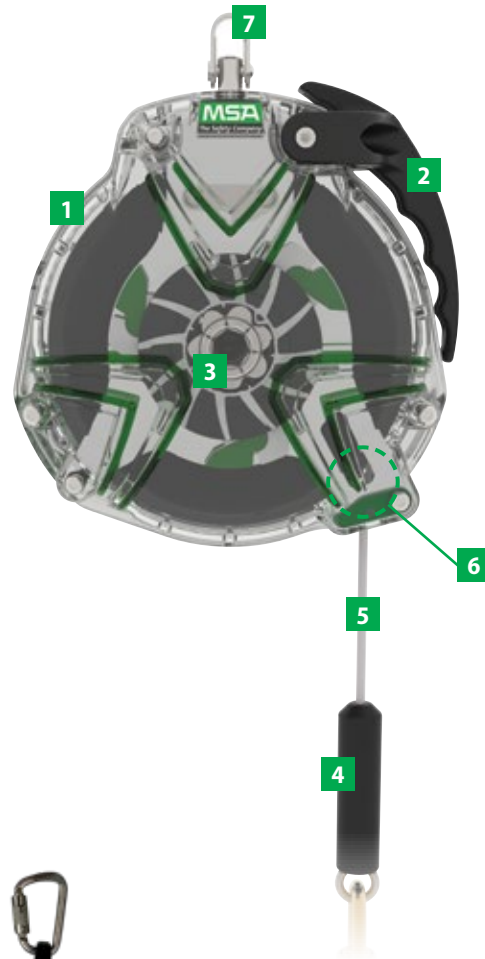
Durable

Retraction dampening features control the cable speed to <10 ft./s (3 m/s).



Built to Last

Stainless steel/engineered plastics.



100 ft.
(30 m)



30 ft.
(10 m)

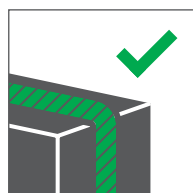
50 ft.
(15 m)



20 ft.
(6 m)

V-EDGE™ Leading-Edge SRLs

Specifically engineered and tested for use at foot-level tie off, the V-EDGE SRL meets ANSI Z359.14-2014 Leading-Edge requirements.



Simplify Selection

Use in a variety of applications, from overhead to horizontal tie off points, and where sharp edges are a concern.



Get to Work Faster

Clear outer casing allows for quick visual inspection of internal components



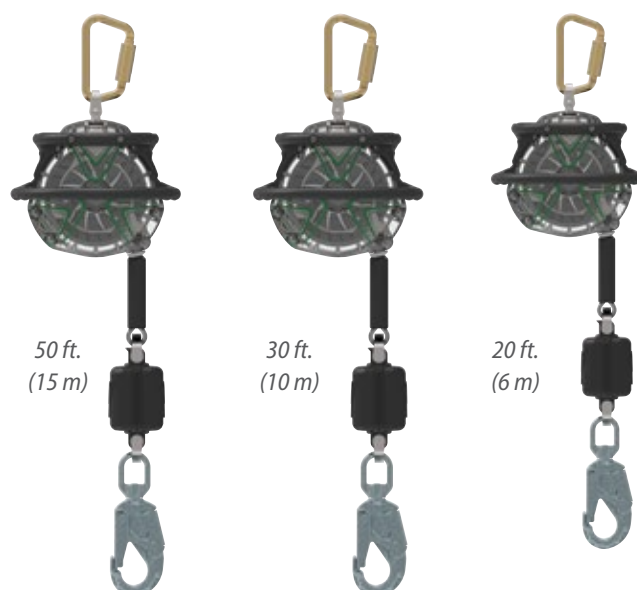
Lower Cost of Ownership

Integrated roll cage protects housing when used in foot-level tie off. Retraction dampening feature controls the life line speed—preventing unwanted damage and maximizing product life.



Reduce Downtime

Internal components like the cable and energy absorber can be replaced on site—reducing repair times.



V-TEC Standard SRLs

Part Number	Cable Length	Cable Type		Approvals		
		Galvanized	Stainless Steel	OSHA	ANSI	CSA
63206-00A	20 ft. (6 m)	■		■	■	
63206-00ACA	20 ft. (6 m)	■				■
63210-00A	30 ft. (10 m)	■		■	■	
63210-00ACA	30 ft. (10 m)	■				■
63215-00A	50 ft. (15 m)	■		■	■	
63215-00ACA	50 ft. (15 m)	■				■
63230-00A	90 ft. (30 m)	■		■	■	
63230-00ACA	90 ft. (30 m)	■				■
63310-00A	30 ft. (10 m)		■	■	■	
63310-00ACA	30 ft. (10 m)		■			■
63315-00ACA	50 ft. (15 m)		■			■
63315-00A	50 ft. (15 m)		■	■	■	
63330-00A	100 ft. (30 m)		■	■	■	
63330-00ACA	100 ft. (30 m)		■			■

V-EDGE Leading-Edge SRLs

Part Number	Cable Length	Cable Type		Approvals		
		Galvanized	Stainless Steel	OSHA	ANSI	CSA
63406-00A	20 ft. (6 m)	■		■	■	
63406-00ACA	20 ft. (6 m)	■				■
63410-00A	30 ft. (10 m)	■		■	■	
63410-00ACA	30 ft. (10 m)	■				■
63415-00A	50 ft. (15 m)	■		■	■	
63415-00ACA	50 ft. (15 m)	■				■

Note: This Bulletin contains only a general description of the products shown. While product uses and performance capabilities are generally described, the products shall not, under any circumstances, be used by untrained or unqualified individuals. The products shall not be used until the product instructions/user manual, which contains detailed information concerning the proper use and care of the products, including any warnings or cautions, have been thoroughly read and understood. Specifications are subject to change without prior notice.

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V-SERIES™ Standard & Leading-Edge SRLs

Technical Data Sheet



V-TEC™ Standard SRL

CAPACITY ANSI Z359.14 CLASS B CSA Z259.2.2	130–310 lb. (59–140 kg)
	130–310 lb. (59–140 kg)
BRAND	MSA
MODEL NAME	V-TEC
LENGTHS	20 ft. (6 m)
	30 ft. (10 m)
	50 ft. (15 m)
	100 ft. (30 m)
WEIGHTS	20 ft. (6 m) — 7 lb.
	30 ft. (10 m) — 15.7 lb.
	50 ft. (15 m) — 16.1 lb.
	100 ft. (30 m) — 37 lb.
CONNECTOR OPTIONS	Steel swivel snaphook
HOUSING MATERIAL	Clear polycarbonate; aluminum housing for 100 ft. lengths
HARDWARE MATERIALS	Steel, stainless steel
LIFELINE MATERIALS	3/16" (5 mm) galvanized steel cable or 3/16" (5 mm) stainless steel cable
ENERGY-ABSORBING TECHNOLOGY	Patented tolerance ring energy absorber
ARREST FORCES	
	PEAK 1,800 lb. (8 kN) AVERAGE 900 lb. (4 kN)
KEY FEATURES	Retraction brake
	Stowable carry handle
	Clear inspectable housing
PRODUCT STYLES	Standard SRL
PRODUCT TYPES	Construction
	OGP
	General industry
STANDARDS	ANSI Z359.14 Class B
	CSA Z259.2.2
	EN360:2002
	OSHA

V-TEC Standard SRL
30 ft. (10 m) / 50 ft. (15 m)

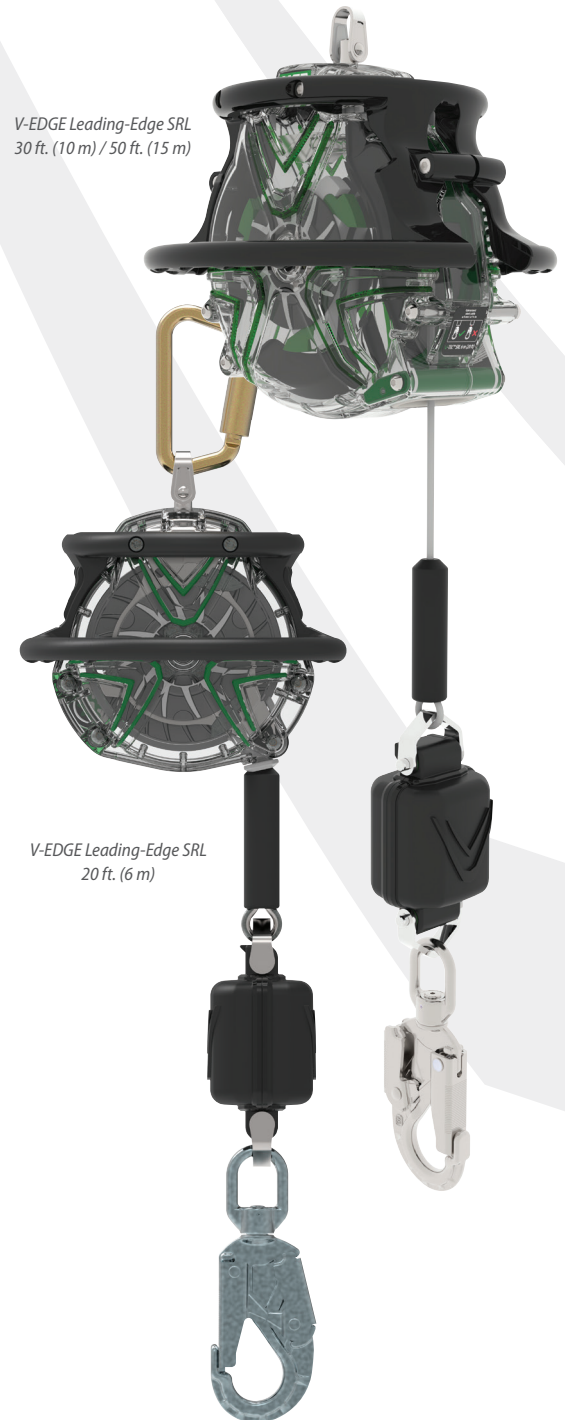


V-TEC Standard SRL
100 ft. (30 m)

WE KNOW WHAT'S AT STAKE.

V-EDGE™ Leading-Edge SRL

CAPACITY	
ANSI Z359.14 CLASS LE	130–310 lb. (59–140 kg)
CSA Z259.2.2 SRL-LE	130–310 lb. (59–140 kg)
BRAND	MSA
MODEL NAME	V-EDGE
LENGTHS	20 ft. (6 m) 30 ft. (10 m) 50 ft. (15 m)
CONNECTOR OPTIONS	Steel swivel snaphook
HOUSING MATERIAL	Clear polycarbonate
HARDWARE MATERIALS	Steel
LIFELINE MATERIALS	3/8" (5 mm) galvanized steel cable
ENERGY-ABSORBING TECHNOLOGY	Tear webbing with protective case
KEY FEATURES	Retraction brake Leading-edge roll cage Hard-cased external energy absorber Clear inspectable housing
PRODUCT STYLES	Leading-edge SRL
PRODUCT TYPES	Construction OGP General industry
STANDARDS	ANSI Z359.14 Class LE CSA Z259.2.2 SRL-LE EN360:2002 OSHA



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Non-Leading Edge PFL															
6 ft. / 1.8 m								6.5 ft. / 2 m				10 ft. / 3 m			
V-TEC				V-SHOCK				V-TEC Arc-Flash		V-TEC				V-SHOCK	
Single-Leg (WEB)	Twin-Leg (WEB)	Single-Leg Tie-Back (WEB)	Twin-Leg Tie-Back (WEB)	Single-Leg (WEB)	Twin-Leg (WEB)	Single-Leg Tie-Back (WEB)	Twin-Leg Tie-Back (WEB)	Single-Leg (WEB)	Twin-Leg (WEB)	Single-Leg (WEB)	Twin-Leg (WEB)	Single-Leg Tie-Back (WEB)	Twin-Leg Tie-Back (WEB)	Single-Leg (GALVANIZED CABLE)	

Leading Edge PFL															
6 ft. / 1.8 m				8 ft. / 2.4 m								10 ft. / 3 m			
V-SHOCK EDGE				V-TEC EDGE								V-SHOCK EDGE			
Single-Leg (WEB)	Twin-Leg (WEB)	Single-Leg Tie-Back (WEB)	Twin-Leg Tie-Back (WEB)	Single-Leg (WEB)	Twin-Leg (WEB)	Single-Leg Tie-Back (WEB)	Twin-Leg Tie-Back (WEB)	Single-Leg (GALVANIZED STEEL CABLE)	Twin-Leg (GALVANIZED STEEL CABLE)	Single-Leg Tie-Back (GALVANIZED STEEL CABLE)	Twin-Leg Tie-Back (GALVANIZED STEEL CABLE)	Single-Leg (WEB)	Twin-Leg (WEB)	Single-Leg Tie-Back (WEB)	Twin-Leg Tie-Back (WEB)

Non-Leading Edge SRL															
20 ft. / 6 m				23 ft. / 7 m				30 ft. / 10 m				50 ft. / 15 m			
V-TEC				V-TEC				V-TEC				V-TEC			
(GALVANIZED STEEL CABLE)	(STAINLESS STEEL CABLE)			(SYNTHETIC ROPE)				(SYNTHETIC ROPE)	(GALVANIZED STEEL CABLE)	(STAINLESS STEEL CABLE)		(SYNTHETIC ROPE)	(GALVANIZED STEEL CABLE)	(STAINLESS STEEL CABLE)	

Leading Edge SRL											
20 ft. / 6 m				30 ft. / 10 m				50 ft. / 15 m			
V-TEC EDGE		V-SHOCK EDGE		V-TEC EDGE		V-SHOCK EDGE		V-TEC EDGE		V-SHOCK EDGE	
(GALVANIZED STEEL CABLE)		(GALVANIZED STEEL CABLE)		(GALVANIZED STEEL CABLE)		(GALVANIZED STEEL CABLE)		(GALVANIZED STEEL CABLE)		(GALVANIZED STEEL CABLE)	

MSA V-TEC® SRLs

Technical Datasheet



Available in lifeline materials of galvanized steel, stainless steel, or synthetic rope, **V-TEC Self-Retracting Lanyards (SRLs)** are intended to form a complete connecting element between the user's body harness and an overhead anchor.

Key Features

- The internal energy absorber reduces arresting forces and eliminates need for less durable webbing external energy absorber
- Made with corrosion resistant materials
- Retraction dampening device reduces lifeline retraction velocity preserving the life of the unit
- The toughened case is engineered to resist impact damage and protect internal components
- Clear case allows for visual inspection of device internal mechanisms.

Product Specifications

Material	
CASE	Polycarbonate
PAWLS	Hardened stainless steel
CHASSIS	Stainless steel
FASTENERS	Stainless steel
RETRACTION SPRING	Stainless steel
DRUM MODULE	Polycarbonate / ABS blend
LIFELINE	Galvanized steel, stainless steel, or synthetic rope
LOCKING MECHANISM	Stainless steel and manganese bronze core
CONNECTORS	Forged zinc-plated steel/stainless steel with load indicator



Technical Specifications		
	Cable	Synthetic Rope
LENGTH	6m (20 ft), 10m (30 ft), 15m (50 ft)	7m (23 ft), 10m (30 ft), 15m (50 ft)
LIFELINE TYPE	5mm galvanized or stainless steel cable (7x19)	5mm High Modulus Polyethylene
SIZE	6m (20ft): 190 x 175 x 110 mm (HxWxD) 10m (30ft): 220 x 115 x 220 mm (HxWxD) 15m (50ft): 220 x 115 x 220 mm (HxWxD)	7m (23ft): 220 x 115 x 220 mm (HxWxD) 10m (30ft): 220 x 115 x 220 mm (HxWxD) 15m (50ft): 220 x 115 x 220 mm (HxWxD)
NET WEIGHT	6m (20ft): 4 kg 10m (30ft): 7 kg 15m (50ft): 7.6 kg	7m (23ft): 6.2 kg 10m (30ft): 6.4 kg 15m (50ft): 6.6 kg
USER WEIGHT RANGE	60 – 140 kg (130-310 lbs) including tools	60 – 140 kg (130-310 lbs) including tools
TEMPERATURE RANGE	-40°C to 60°C -40°F to 140°F	-40°C to 60°C -40°F to 140°F

COMPLIANCE

ANSI Z359.14
OSHA 1926 & 1910
CSA Z259.2.2
EN 360
ABNT NBR 14628
IRAM 3605
GB 24544

Approved as CLASS 1 SRLs for
Overhead Applications only

WE KNOW WHAT'S AT STAKE.

Ordering Information

Part Number	Cable Length	Cable Type			Approvals					
		Galvanized	Stainless	Synthetic	ANSI/OSHA	CSA	EN	ABNT	IRAM	GB
63206-00A	20 ft. (6 m)	■			■					
63206-00ACA	20 ft. (6 m)	■				■				
63206-00AEU	20 ft. (6 m)	■					■	■	■	
63210-00A	30 ft. (10 m)	■			■					
63210-00ACA	30 ft. (10 m)	■				■				
63210-00ACN	30 ft. (10 m)	■								■
63210-00AEU	30 ft. (10 m)	■					■	■	■	
63215-00A	50 ft. (15 m)	■			■					
63215-00ACN	50 ft. (15 m)	■								■
63215-00AEU	50 ft. (15 m)	■								
63306-00A	20 ft. (6 m)		■		■					
63306-00ACA	20 ft. (6 m)		■			■				
63306-00ACN	20 ft. (6 m)		■							■
63306-00AEU	20 ft. (6 m)		■				■	■	■	
63306-00BEU	20 ft. (6 m)		■				■	■	■	
63310-00A	30 ft. (10 m)		■		■					
63310-00ACA	30 ft. (10 m)		■			■				
63310-00ACN	30 ft. (10 m)		■							■
63310-00AEU	30 ft. (10 m)		■				■	■	■	
63310-00BCN	30 ft. (10 m)		■							■
63310-00BEU	30 ft. (10 m)		■				■	■	■	
63315-00A	50 ft. (15 m)		■		■					
63315-00ACA	50 ft. (15 m)		■			■				
63315-00ACN	50 ft. (15 m)		■							■
63315-00AEU	50 ft. (15 m)		■				■	■	■	
63315-00BCN	50 ft. (15 m)		■							■
63315-00BEU	50 ft. (15 m)		■				■	■	■	
VTOHR-071-ME-A	23 ft. (7 m)			■	■					
VTOHR-071-ME-BI	23 ft. (7 m)			■				■	■	
VTOHR-071-ME-C	23 ft. (7 m)			■		■				
VTOHR-071-ME-E	23 ft. (7 m)			■			■			
VTOHR-101-ME-A	30 ft. (10 m)			■	■					
VTOHR-101-ME-BI	30 ft. (10 m)			■				■	■	
VTOHR-101-ME-C	30 ft. (10 m)			■		■				
VTOHR-101-ME-E	30 ft. (10 m)			■			■			
VTOHR-151-ME-A	50 ft. (15 m)			■	■					
VTOHR-151-ME-BI	50 ft. (15 m)			■				■	■	
VTOHR-151-ME-C	50 ft. (15 m)			■		■				
VTOHR-151-ME-E	50 ft. (15 m)			■			■			

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MSA Competent Person Inspection Log: V-TEC® Self-Retracting Lanyard (SRL)



Competent Inspector Name	Inspection Date
Part No.	Length
Date Made	Serial No.
User Name	ID/Job Title

COMPONENT	QTY/UNIT	OVERALL ASSESSMENT	COMMENTS
Labels			
Label Pocket			
Hardware			
Locking Pin Connector/ Twin-Link Clip/Carabiner			
Bracket			
Snaphook			
Fasteners			
Load Indicator Swivels			
Webbing			
Lifeline			
Stitching			
Box Stitches			
Non-Load Bearing			
Housing			
Load Indicator			
Energy-Absorber Pouch			
Functionality Test			
Lock On (pull 3 times)			
Retraction/Extraction			

DISPOSITION (Check one)

PASS

Remain in service

FAIL

Mark unusable and dispose

CORRECTIVE ACTION

Repair or clean

CORRECTIVE ACTION DESCRIPTION

CORRECTIVE ACTION DATE

OVERALL ASSESSMENT

If components exhibit any of the conditions listed below, mark the corresponding item as **failure** and/or **corrective action** if applicable

Labels	Webbing	Cable
Missing	Abrasion	Corrosion
Not Legible	Burn	Change of Color
Hardware	Chemical/UV	Change of Shape
Burr	Cut	Fraying
Change of Color	Fray	Broken Wires
Change of Shape	Melt	Bird Caging
Cracks	Missing	Non-Load Bearing
Dents	Non-Approved Marker	Brittle
Excessive Wear	Separated	Burns
Malfunction	Tape	Cracks
Missing	Tear	Cut/Broken
Unauthorized Modification	Stitching	Faded
	Broken	Missing
	Loose Threads	
	Missing	

MSA Inspection Recommendations

This inspection log can be used as a guide for pre-use User inspections but is not a replacement for the Instruction Manual. For additional warnings and product details, reference the Instructional Manual. The User must inspect the self retracting lifeline (SRL) and check the fall arrest force indicator before each use. All SRLs must be formally inspected by a competent person prior to first use. MSA requires that all SRLs be inspected by a competent person other than the user at intervals of no more than one year per applicable standard or as specified by a formal fall protection program. The interval will be dictated by the usage, local regulations, and environmental conditions, and will be at least annually. Record formal inspections in the Inspection Log. Indelibly mark the inspection grid attached to the SRL. Do not use a SRL with a formal inspection date older than one (1) year unless under provision of formal inspection program.



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V-TEC SRL
Literature
and Instruction
Manual



Periodic Examinations

Periodic examinations shall be completed by a person, other than the user, competent in the examination of SRLs, in accordance with the manufacturer’s instructions. The interval will be dictated by the usage, local regulations, and environmental conditions, and will be at least annually. See **Periodic Examination Interval Table** below for more information.

Periodic Examination Interval Table	
USAGE	INTERVAL
Infrequent to light	Annually (12 months)
Moderate to heavy	Semi-annually to annually (6-12 months)
Severe to continuous	Quarterly to semi-annually (3-6 months)
Usage shall be determined by a competent person. A competent person is defined as a person, other than the user, competent in the examination of PPE in accordance with MSA instructions.	

Maximum product life: Continued use is dependent upon passing pre-use checks and periodic examinations. Service life may be reduced by frequency and conditions of use or local regulations.



Inspection Requirements for Self-Retracting Devices

Chart referenced in CSA Z259.2.2-17

Type of Use	Application Examples	Example Conditions of Use	Worker Inspection Frequency	Competent Person Inspection Frequency	Product Revalidation Frequency
INFREQUENT TO LIGHT	<ul style="list-style-type: none">• Rescue and confined space• Factory maintenance	<ul style="list-style-type: none">• Good storage conditions• Indoor or infrequent outdoor use• Room temperature• Clean environments	Before each use	Annually	At least every 5 years, but not more than intervals required by the manufacturer.
MODERATE TO HEAVY	<ul style="list-style-type: none">• Transportation• Residential construction• Utilities• Warehouse	<ul style="list-style-type: none">• Fair storage conditions• Indoor and extended outdoor use• All temperatures• Clean or dusty environments	Before each use	Semi-annually to annually	At least every 2 years, but not more than intervals required by the manufacturer.
SEVERE TO CONTINUOUS	<ul style="list-style-type: none">• Commercial construction• Oil and gas• Mining• Foundry	<ul style="list-style-type: none">• Harsh storage conditions• Prolonged or continuous outdoor use• All temperatures• Dirty environment	Before each use	Quarterly to semi-annually	At least annually, but not more than intervals required by the manufacturer.

Source: Table 2, **CSA Z259.2.2-17, Self-retracting devices**. © 2017 Canadian Standards Association

An SRD that is considered non-repairable, or not designed for disassembly such that internal inspection is not possible without rendering it unserviceable, is not subject to revalidation inspection.

These SRDs shall have service life and other inspection requirements as provided by the manufacturer’s instructions.