

# Best Practice – Leading Edge SRL's

- Company: Black & Veatch (BVCI)
- Site: Barry
- Scope: Plant Construction, Unit 8
- Summary: BVCI is performing construction activities on Barry Unit 8. In this environment, it is common for work to take place at height, with the need for foot-level fall protection anchoring. Traditional SRL's, designed for overhead anchoring is not always possible or ideal. BVCI has equipped the project with Leading Edge SRL's for horizontal anchoring applications.



# Best Practice – Leading Edge SRL's

- Allows for foot-level and higher anchoring
- Designed for side pull (minimized unintentional “lockups”)
- 18” to 36” fall arrest distance
- Reduced tripping hazard over traditional extended lanyards
- Cable is designed to withstand sharp edges (“leading edge”)



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## 3M™ DBI-SALA® Smart Lock Self-Retracting Lifelines

### Fewer unintentional lockups\* — now that's smart.

Unlock your productivity. From reducing unintentional lockups,\* to simplifying inspections, every detail of the new 3M™ DBI-SALA® Smart Lock Self-Retracting Lifelines has been designed to help increase your productivity and convenience. Significant internal testing was completed to make this product operate while reducing the unintentional lockups. Compared to our existing devices, the new Smart Lock SRL locked up 29 percent less when tested against 422 work motion profiles.

- Swiveling anchorage and carabiner
- Ergonomic handle
- Magnetic retraction control
- Patent pending dual label system
- Highly-visible orange energy-absorber cover



Application	Part #	Length	Lifeline Material
Horizontal (Leading Edge)	3503802	20'	Galvanized Steel
	3503822	30'	Galvanized Steel

## 3M™ DBI-SALA® Smart Lock Leading Edge Modular Connector

- Engineered to allow for a D-ring extension in leading edge applications.
- Improved durability of the Smart Lock Leading Edge SRL system with replaceable 14 in. D-ring extension with integrated shock-pack.
- Exclusive modular connectivity to ensure proper connection between Smart Lock Leading Edge SRL and 14 in. D-ring extension with integrated shock-pack.
- Provides a compatible connection point for your Smart Lock Leading Edge Self Retracting Lifeline.
- Icons on the SRL housing and D-ring extension provide easy identification of compatible system components.



Application	Part #	Length	Description
Horizontal (Leading Edge)	1246500	14"	3M™ DBI-SALA® E2-Stop™ LE Shock Pack for Modular Connector SRL
	3503848	30'	3M™ DBI-SALA® Smart Lock Leading Edge SRL with D-Ring Ext.

\*Compared to our previous generation SRLs.

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[Sample Product: 3M Leading Edge Smart Lock SRL's](#)



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## Bottom Line:

- Contractor evaluated working environment and scope, identified need for leading edge fall protection with low/horizontal anchor points
- Identified equipment to provide solution
- Performed training on equipment and developed usage policy
- Submitted as a Best Practice on SST Website
- Compliments to Nolan Gilley with BVCI for the submittal and additional information

