

Test Report Number: 2018022504460
Job Number: 132046
Product Type: Retractable Horizontal Lifeline
Product Model: 04660
Dates of Manufacture: 04/27/2018
Date(s) of Testing: 05/02/2018

	<u>Tests Completed</u>	<u>Test Date</u>	<u>Pass/Fail</u>
Design Requirements		05/25/2018	Pass
Static Strength		05/02/2018	Pass
Dynamic Performance		05/02/2018	Pass

Please see attached test data for details

Authorized Signature: 

Name (printed): Eric Helgeson

Title (printed): Regulatory & Quality Compliance Director

Date: 05/25/2018

Job Number: 132046
 Product: Retractable Horizontal Lifeline
 Model Number: 04660

Regulatory Requirements	
1910.140(c)(11)	The employer must ensure that each horizontal lifeline:
(i)	Is designed, installed, and used under the super
(ii)	Is part of a complete personal fall arrest system that maintains a safety factor of at least two.
1926.502(d)(8)	Horizontal lifelines shall be designed, installed, and used, under the super as part of a complete personal fall arrest system, which maintains a safety factor of at least two.

Performance Requirements	
	This product maintains a 2:1 factor of safety for use attached to 5,000 lb. rated anchors.
	Dynamic performance test generates no more than 2,500 lbs. of line tension. Pass

Strength Testing

Static Strength Test		
SAMPLE #1		
Horizontal lifeline withstands 5,000 lb for 1 minute		Pass
Max static strength	5818	lbs.
COMPLIANT	Yes	

Dynamic Testing

Dynamic Performance Test		
SAMPLE #1		
Max line tension	2176	lbs.
Average line tension	593	lbs.
Initial height measurement	57.5	in.
Final height measurement	153	in.
COMPLIANT	Yes	