



Test Report OSHA Verification

6305 S 231st Street
Kent, WA 98032
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Test Report Number: 2018062600510
Job Number: 132691
Product SKU#: 00510
Product Type: Anchorage Connector
Product Description: Ridge-It Anchor / (2) 18" D-Rings
Testing Standard: OSHA 1910.140(c)(11)(ii), OSHA 1926.502(d)(15)(i)
Dates of Manufacture: 8/01/2017, 5/15/2018
Date(s) of Testing: 5/15/2018

CALIBRATION TESTING

<u>Test Description</u>	<u>Test Date</u>	<u>Clause/Section</u>	<u>Result</u>
Force Calibration Tests	5/15/2018	Internal Calibration	Meets or Exceeds

VERIFICATION TESTING

<u>Test Description</u>	<u>Test Date</u>	<u>Clause/Section</u>	<u>Result</u>
Dynamic Performance (Wood, Perpendicular)	5/15/2018	OSHA 1910.140(c)(11)(ii) OSHA 1926.502(d)(15)(i)	Pass
Dynamic Performance (Wood, Intended)	5/15/2018	OSHA 1910.140(c)(11)(ii) OSHA 1926.502(d)(15)(i)	Pass
Dynamic Performance (Metal, Perpendicular)	5/15/2018	OSHA 1910.140(c)(11)(ii) OSHA 1926.502(d)(15)(i)	Pass
Dynamic Performance (Metal, Intended)	5/15/2018	OSHA 1910.140(c)(11)(ii) OSHA 1926.502(d)(15)(i)	Pass

This test report covers these additional products:

00500, 00500-QC

Please contact quality@guardianfall.com for signed report.

Test Equipment		
Equipment	Model	Serial
Load Cell	1210AF-10K-B	444522A
Test Weight	122 lb	7H MV

Calibration to 1,800 lb of Dynamic Force	
Sample # 01A	
Drop Height (in.)	8
Test Weight (lb)	122
Maximum Arresting Force (lb)	1990.42
Result/Assessment	Pass

Calibration to 3,600 lb of Dynamic Force	
Sample # 02A	
Drop Height (in.)	16
Test Weight (lb)	122
Maximum Arresting Force (lb)	3774.29
Result/Assessment	Pass

Notes

Mandatory/Non-Mandatory Regulatory Requirements		
1910.140(c)(11)(ii)	Is part of a complete personal fall arrest system that maintains a safety factor of at least two.	Meets or Exceeds
1926.502(d)(15)(i)	as part of a complete personal fall arrest system which maintains a safety factor of at least two; and	Meets or Exceeds

Dynamic Performance Perpendicular to Intended Use 3/4" Wood Roof, (8) #14-14x2" Screws into Truss <i>requirements per 1910.140(c)(11)(ii) & 1926.502(15)(i)</i>	
Sample # 01B	
Drop Height (in.)	16
Test Weight (lb)	122
Specimen Successfully Arrested Load?	Yes
Result/Assessment	Pass

Dynamic Performance Intended Use 3/4" Wood Roof, (8) #14-14x2" Screws into Truss <i>requirements per 1910.140(c)(11)(ii) & 1926.502(15)(i)</i>	
Sample # 04	
Drop Height (in.)	16
Test Weight (lb)	122
Specimen Successfully Arrested Load?	Yes
Result/Assessment	Pass

Dynamic Performance Perpendicular to Intended Use 3/4" Wood Roof, (8) #14-14x2" Screws into Truss <i>requirements per 1910.140(c)(11)(ii) & 1926.502(15)(i)</i>	
Sample # 02B	
Drop Height (in.)	16
Test Weight (lb)	122
Specimen Successfully Arrested Load?	Yes
Result/Assessment	Pass

Dynamic Performance Intended Use 3/4" Wood Roof, (8) #14-14x2" Screws into Truss <i>requirements per 1910.140(c)(11)(ii) & 1926.502(15)(i)</i>	
Sample # 05	
Drop Height (in.)	16
Test Weight (lb)	122
Specimen Successfully Arrested Load?	Yes
Result/Assessment	Pass

Dynamic Performance Perpendicular to Intended Use 3/4" Wood Roof, (8) #14-14x2" Screws into Truss <i>requirements per 1910.140(c)(11)(ii) & 1926.502(15)(i)</i>	
Sample # 03	
Drop Height (in.)	16
Test Weight (lb)	122
Specimen Successfully Arrested Load?	Yes
Result/Assessment	Pass

Dynamic Performance Intended Use 3/4" Wood Roof, (8) #14-14x2" Screws into Truss <i>requirements per 1910.140(c)(11)(ii) & 1926.502(15)(i)</i>	
Sample # 06	
Drop Height (in.)	16
Test Weight (lb)	122
Specimen Successfully Arrested Load?	Yes
Result/Assessment	Pass

Dynamic Performance Perpendicular to Intended Use 20G Metal Roof, (40) #14-10X2" Screws into field <i>requirements per 1910.140(c)(11)(ii) & 1926.502(15)(i)</i>	
Sample # 07	
Drop Height (in.)	16
Test Weight (lb)	122
Specimen Successfully Arrested Load?	Yes
Result/Assessment	Pass

Dynamic Performance Intended Use 20G Metal Roof, (40) #14-10X2" Screws into field <i>requirements per 1910.140(c)(11)(ii) & 1926.502(15)(i)</i>	
Sample # 10	
Drop Height (in.)	16
Test Weight (lb)	122
Specimen Successfully Arrested Load?	Yes
Result/Assessment	Pass

Dynamic Performance Perpendicular to Intended Use 20G Metal Roof, (40) #14-10X2" Screws into field <i>requirements per 1910.140(c)(11)(ii) & 1926.502(15)(i)</i>	
Sample # 08	
Drop Height (in.)	16
Test Weight (lb)	122
Specimen Successfully Arrested Load?	Yes
Result/Assessment	Pass

Dynamic Performance Intended Use 20G Metal Roof, (40) #14-10X2" Screws into field <i>requirements per 1910.140(c)(11)(ii) & 1926.502(15)(i)</i>	
Sample # 11	
Drop Height (in.)	16
Test Weight (lb)	122
Specimen Successfully Arrested Load?	Yes
Result/Assessment	Pass

Dynamic Performance Perpendicular to Intended Use 20G Metal Roof, (40) #14-10X2" Screws into field <i>requirements per 1910.140(c)(11)(ii) & 1926.502(15)(i)</i>	
Sample # 09	
Drop Height (in.)	16
Test Weight (lb)	122
Specimen Successfully Arrested Load?	Yes
Result/Assessment	Pass

Dynamic Performance Intended Use 20G Metal Roof, (40) #14-10X2" Screws into field <i>requirements per 1910.140(c)(11)(ii) & 1926.502(15)(i)</i>	
Sample # 12	
Drop Height (in.)	16
Test Weight (lb)	122
Specimen Successfully Arrested Load?	Yes
Result/Assessment	Pass

Notes