



Test Report OSHA Verification

6305 S 231st Street
Kent, WA 98032
800-466-6385

Test Report Number: 2022022500691
Job Number: 133274
Product SKU#: 00691
Product Type: Anchor
Product Description: 4 Way Plate Anchor-Red
Testing Standard: OSHA 1910.140, OSHA 1926.502
Dates of Manufacture: 8/01/2017, 11/01/2017
Date(s) of Testing: 5/30/2018, 6/01/2018

CALIBRATION TESTING

<u>Test Description</u>	<u>Test Date</u>	<u>Clause/Section</u>	<u>Result</u>
Force Calibration Tests	5/24/2018	Internal Calibration	Meets or Exceeds

VERIFICATION TESTING

<u>Test Description</u>	<u>Test Date</u>	<u>Clause/Section</u>	<u>Result</u>
Dynamic Performance (Intended) (Wood Roof Substrate)	5/30/2018	OSHA 1910.140(c)(13)(i) OSHA 1926.502(d)(15)	Pass
Dynamic Performance (Intended) (Wood Roof Substrate, Left of anchor point drop)	5/30/2018	OSHA 1910.140(c)(13)(i) OSHA 1926.502(d)(15)	Pass
Dynamic Performance (Intended) (Wood Roof Substrate, Top of anchor point drop)	5/30/2018	OSHA 1910.140(c)(13)(i) OSHA 1926.502(d)(15)	Pass
Dynamic Performance (Perpendicular) (Wood Roof Substrate, Left of anchor point drop)	5/30/2018	OSHA 1910.140(c)(13)(i) OSHA 1926.502(d)(15)	Pass
Dynamic Performance (Intended) (Concrete Roof Substrate)	5/30/2018	OSHA 1910.140(c)(13)(i) OSHA 1926.502(d)(15)	Pass
Dynamic Performance (Intended) (Concrete Roof Substrate, Left of anchor point drop)	5/30/2018	OSHA 1910.140(c)(13)(i) OSHA 1926.502(d)(15)	Pass
Dynamic Performance (Intended) (Metal Roof Substrate, Left of anchor point drop)	5/30/2018	OSHA 1910.140(c)(13)(i) OSHA 1926.502(d)(15)	Pass
Dynamic Performance (Intended) (Metal Roof Substrate, Top of anchor point drop)	6/01/2018	OSHA 1910.140(c)(13)(i) OSHA 1926.502(d)(15)	Pass

This test report covers these additional products:

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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 5,000 lb of Dynamic Force	
Sample # 01A	
Drop Height (in.)	24
Test Weight (lb)	122
Maximum Arresting Force (lb)	5096.79
Result/Assessment	Pass

Calibration to 5,000 lb of Dynamic Force	
Sample # 02A	
Drop Height (in.)	24
Test Weight (lb)	122
Maximum Arresting Force (lb)	5072.40
Result/Assessment	Pass

Calibration to 5,000 lb of Dynamic Force	
Sample # 03A	
Drop Height (in.)	24
Test Weight (lb)	122
Maximum Arresting Force (lb)	5302.85
Result/Assessment	Pass

Calibration to 5,000 lb of Dynamic Force	
Sample # 04A	
Drop Height (in.)	24
Test Weight (lb)	122
Maximum Arresting Force (lb)	5239.67
Result/Assessment	Pass

Mandatory/Non-Mandatory Regulatory Requirements		
1910.140(c)(13)(i)	Capable of supporting at least 5,000 pounds (22.2 kN) for each employee attached; or	Meets or Exceeds
1926.502(d)(15)	Anchorage used for attachment of personal fall arrest equipment shall be independent of any anchorage being used to support or suspend platforms and capable of supporting at least 5,000 pounds (22.2 kN) per employee attached, or shall be designed, installed, and used as follows:	Meets or Exceeds

Dynamic Performance, Intended Use 0.75" Wood Roof, (20) 0.25"x2" Screws <i>requirements per 1910.140(c)(13)(i) & 1926.502(d)(15)</i>	
Sample # 01B	
Drop Height (in.)	24
Test Weight (lb)	122
Specimen Successfully Arrested Load?	Yes
Result/Assessment	Pass

Dynamic Performance, Intended Use (Left) 0.75" Wood Roof, (20) 0.25"x2" Screws <i>requirements per 1910.140(c)(13)(i) & 1926.502(d)(15)</i>	
Sample # 04B	
Drop Height (in.)	24
Test Weight (lb)	122
Specimen Successfully Arrested Load?	Yes
Result/Assessment	Pass

Dynamic Performance, Intended Use 0.75" Wood Roof, (20) 0.25"x2" Screws <i>requirements per 1910.140(c)(13)(i) & 1926.502(d)(15)</i>	
Sample # 02B	
Drop Height (in.)	24
Test Weight (lb)	122
Specimen Successfully Arrested Load?	Yes
Result/Assessment	Pass

Dynamic Performance, Intended Use (Left) 0.75" Wood Roof, (20) 0.25"x2" Screws <i>requirements per 1910.140(c)(13)(i) & 1926.502(d)(15)</i>	
Sample # 05	
Drop Height (in.)	24
Test Weight (lb)	122
Specimen Successfully Arrested Load?	Yes
Result/Assessment	Pass

Dynamic Performance, Intended Use 0.75" Wood Roof, (20) 0.25"x2" Screws <i>requirements per 1910.140(c)(13)(i) & 1926.502(d)(15)</i>	
Sample # 03B	
Drop Height (in.)	24
Test Weight (lb)	122
Specimen Successfully Arrested Load?	Yes
Result/Assessment	Pass

Dynamic Performance, Intended Use (Left) 0.75" Wood Roof, (20) 0.25"x2" Screws <i>requirements per 1910.140(c)(13)(i) & 1926.502(d)(15)</i>	
Sample # 06	
Drop Height (in.)	24
Test Weight (lb)	122
Specimen Successfully Arrested Load?	Yes
Result/Assessment	Pass

Notes

Dynamic Performance, Intended Use (Top 0.75" Wood Roof, (20) 0.25"x2" Screws <i>requirements per 1910.140(c)(13)(i) & 1926.502(d)(15)</i>	
Sample # 07	
Drop Height (in.)	24
Test Weight (lb)	122
Specimen Successfully Arrested Load?	Yes
Result/Assessment	Pass

Dynamic Performance, Perpendicular Use 0.75" Wood Roof, (20) 0.25"x2" Screws <i>requirements per 1910.140(c)(13)(i) & 1926.502(d)(15)</i>	
Sample # 10	
Drop Height (in.)	24
Test Weight (lb)	122
Specimen Successfully Arrested Load?	Yes
Result/Assessment	Pass

Dynamic Performance, Intended Use (Top 0.75" Wood Roof, (20) 0.25"x2" Screws <i>requirements per 1910.140(c)(13)(i) & 1926.502(d)(15)</i>	
Sample # 08	
Drop Height (in.)	24
Test Weight (lb)	122
Specimen Successfully Arrested Load?	Yes
Result/Assessment	Pass

Dynamic Performance, Perpendicular Use 0.75" Wood Roof, (20) 0.25"x2" Screws <i>requirements per 1910.140(c)(13)(i) & 1926.502(d)(15)</i>	
Sample # 11	
Drop Height (in.)	24
Test Weight (lb)	122
Specimen Successfully Arrested Load?	Yes
Result/Assessment	Pass

Dynamic Performance, Intended Use (Top 0.75" Wood Roof, (20) 0.25"x2" Screws <i>requirements per 1910.140(c)(13)(i) & 1926.502(d)(15)</i>	
Sample # 09	
Drop Height (in.)	24
Test Weight (lb)	122
Specimen Successfully Arrested Load?	Yes
Result/Assessment	Pass

Dynamic Performance, Perpendicular Use 0.75" Wood Roof, (20) 0.25"x2" Screws <i>requirements per 1910.140(c)(13)(i) & 1926.502(d)(15)</i>	
Sample # 12	
Drop Height (in.)	24
Test Weight (lb)	122
Specimen Successfully Arrested Load?	Yes
Result/Assessment	Pass

Dynamic Performance, Intended Use Concrete Roof (4) 0.5"x4.5" Bolts <i>requirements per 1910.140(c)(13)(i) & 1926.502(d)(15)</i>	
Sample # 13	
Drop Height (in.)	24
Test Weight (lb)	122
Specimen Successfully Arrested Load?	Yes
Result/Assessment	Pass

Dynamic Performance, Perpendicular Use (Left) Concrete Roof (4) 0.5"x4.5" Bolts <i>requirements per 1910.140(c)(13)(i) & 1926.502(d)(15)</i>	
Sample # 16	
Drop Height (in.)	24
Test Weight (lb)	122
Specimen Successfully Arrested Load?	Yes
Result/Assessment	Pass

Dynamic Performance, Intended Use (Top) Concrete Roof (4) 0.5"x4.5" Bolts <i>requirements per 1910.140(c)(13)(i) & 1926.502(d)(15)</i>	
Sample # 14	
Drop Height (in.)	24
Test Weight (lb)	122
Specimen Successfully Arrested Load?	Yes
Result/Assessment	Pass

Dynamic Performance, Perpendicular Use (Left) Concrete Roof (4) 0.5"x4.5" Bolts <i>requirements per 1910.140(c)(13)(i) & 1926.502(d)(15)</i>	
Sample # 17	
Drop Height (in.)	24
Test Weight (lb)	122
Specimen Successfully Arrested Load?	Yes
Result/Assessment	Pass

Dynamic Performance, Intended Use (Top) Concrete Roof (4) 0.5"x4.5" Bolts <i>requirements per 1910.140(c)(13)(i) & 1926.502(d)(15)</i>	
Sample # 15	
Drop Height (in.)	24
Test Weight (lb)	122
Specimen Successfully Arrested Load?	Yes
Result/Assessment	Pass

Dynamic Performance, Perpendicular Use (Left) Concrete Roof (4) 0.5"x4.5" Bolts <i>requirements per 1910.140(c)(13)(i) & 1926.502(d)(15)</i>	
Sample # 18	
Drop Height (in.)	24
Test Weight (lb)	122
Specimen Successfully Arrested Load?	Yes
Result/Assessment	Pass

Notes

**Dynamic Performance, Perpendicular Use
(Top) Concrete Roof (4) 0.5"x4.5" Bolts**

requirements per 1910.140(c)(13)(i) & 1926.502(d)(15)

Sample # 19

Drop Height (in.)	24
Test Weight (lb)	122
Specimen Successfully Arrested Load?	Yes
Result/Assessment	Pass

**Dynamic Performance, Perpendicular Use
(Top) Concrete Roof (4) 0.5"x4.5" Bolts**

requirements per 1910.140(c)(13)(i) & 1926.502(d)(15)

Sample # 20

Drop Height (in.)	24
Test Weight (lb)	122
Specimen Successfully Arrested Load?	Yes
Result/Assessment	Pass

**Dynamic Performance, Perpendicular Use
(Top) Concrete Roof (4) 0.5"x4.5" Bolts**

requirements per 1910.140(c)(13)(i) & 1926.502(d)(15)

Sample # 21

Drop Height (in.)	24
Test Weight (lb)	122
Specimen Successfully Arrested Load?	Yes
Result/Assessment	Pass

Notes
