

Tom McGlynn Winola Industrial 5790 Mislevy Road Factoryville, PA 18419 **USA** 

**Intertek Test Report Number:** 103218967CRT-001 Intertek Signed Quote Number (s): Qu-00813599 **Client Reference Number:** 308612

**Product Type: Ladder Pole Product Models: HCL-PGE-2B** 

**Type of Testing Entity: Third Party Testing Laboratory** 

Type of Testing: Qualification

**Test Standard:** ANSI/ASSE Z359.1-2007

**Evaluation/Testing Location:** Intertek, 3933 US Rte 11, Cortland NY 13045 \*\*

Date(s) of Testing: 9/6/17

Dear Mr. McGlynn,

Intertek has completed the evaluation of your ladder model HCL-PGE-2B to the client specified sections of, American National Standard, Safety Requirements For Personal Fall Arrest Systems, Subsystems and Components, ANSI/ASSE Z359.1-2007. The results of these tests are as indicated below.

Tests Completed	Test Date	ANSI/ASSE Z359.1-2007	Pass/Fail
•		<u>Clause</u>	
Static Strength (Ladder Pole)	9/6/17	4.3.6	PASS
Static Strength (Welded Clip)	9/6/17	4.3.6	PASS

#### Please see attached test data for details.

This test report concludes the work anticipated in the testing phase of your project. If there are any questions regarding this report please contact the undersigned at 607-753-6711.

Tested by,

Matthew Stevens

Technician

Performance Group

Reviewed by,

Andrew Rulison Team Leader

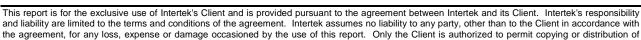
Performance Group











\*\* "Intertek Laboratory is ISO/IEC 17025:2005 (CAN-P-4E) accredited by Standards Council of Canada (SCC) with the scope available for review at the following location: http://www.scc.ca/en/palcan/38

this report and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test results in this report are relevant only to the sample tested. This report by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.

Client/Ref #: Winola Industrial Engineer: Andrew Rulison Job No.: G103218967 Tested By: Matthew Stevens Date: 9/6/17 Reviewed By: Andrew Rulison Product: Ladder Pole Date: 9/7/17 HCL-PGE-2B Model No.: Standard: ANSI/ASSE Z359.1-2007

Sample Control No: Client brought samples 9/6/17 TRANSCRIBED TEST DATA

TEST EQUIPMENT							
Used for Test Description Manufacturer Control No. Model No. Serial No. Cal. Date Cal. Due							Cal. Due
X	Load Cell	Interface	M3797	NA	NA	2/20/17	2/20/18
X	Latest Standards Used: ANSI/ASSE Z359.1-2007 Verified By:				MS		

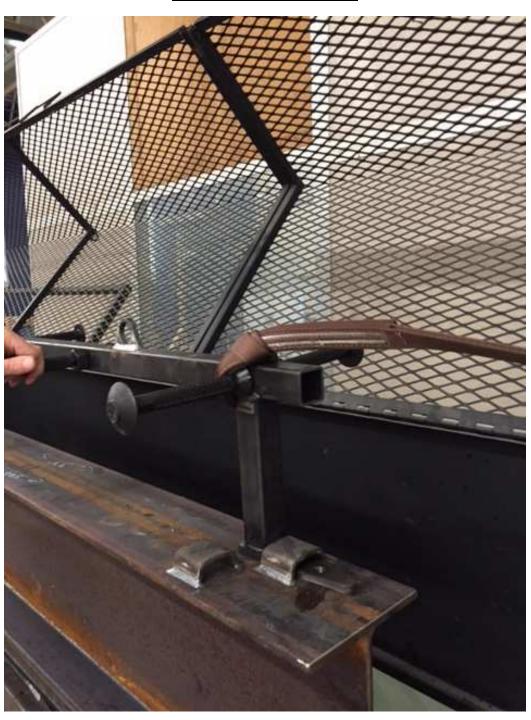
Paragraph	Test Description			Resu	lts			Pass/Fa
4.3.6	Anchorage Connector Qualification Test (test section 4.3.6)							
	*Ladder Frame  3,600 lbs-f & hold for 1-minute, then release load and reapply 5,000 lbs-f	Orienta	ation	Deform (3600		Breaka	ge	
		1		NC	)	NO		
4.3.6		1		NC	)	NO		PASS
	and hold for 1-minute	1		NC	)	NO		
		Sample t anchor a						
	*Tie-Off Anchor Clip	Orienta	ntion	Deform (3600		Breaka	ge	
		2		NC	)	NO		
	3,600 lbs-f & hold for 1-minute, then release load and reapply 5,000 lbs-f	2		NC	)	NO		PASS
	and hold for 1-minute	2		NC	)	NO		
		Sample t anchor a						
			Orier	ntation		rmation 00lbs)	Breaka	ge
	*Sample Tested with ½" Gap on Lower Clip per client request.			1	1	<b>10</b>	NO	
4.3.6	3,600 lbs-f & hold for 1-minute, then release load and reapply 5,000 lbs-f		Orier	ntation		rmation 600)	Breaka	ge
	and hold for 1-minute.			2	١	NO	NO	
		Sample t testing. E				nt on "T	ie Off" a	anchor afte

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Client/Ref #:	Winola Industrial	_ Engineer:	Andrew Rulison		
Job No.:	G103218967	_Tested By:	Matthew Stevens	Date:	9/6/17
Product:	Ladder Pole	_Reviewed By	:Andrew Rulison	_Date:	9/7/17
Model No.:	HCL-PGE-2B	Standard:	ANSI/ASSE Z359.1-2007		

Sample Control No: Client brought samples 9/6/17 TRANSCRIBED TEST DATA

## **Orientation 1 (Around Frame)**



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Client/Ref #	: Winola Industrial	_ Engineer:	Andrew Rulison		
Job No.:	G103218967	_Tested By:	Matthew Stevens	Date:	9/6/17
Product:	Ladder Pole	_Reviewed By	r:Andrew Rulison	Date: _	9/7/17
Model No.:	HCL-PGE-2B	Standard:	ANSI/ASSE Z359.1-2007		

Sample Control No: Client brought samples 9/6/17 TRANSCRIBED TEST DATA

## Orientation 2 (Tie-Off Anchor Clip)



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Client/Ref #:	Winola Industrial	Engineer:	Andrew Rulison		
Job No.:	G103218967	Tested By:	Matthew Stevens	Date:	9/6/17
Product:	Ladder Pole	Reviewed By	:Andrew Rulison	_Date:	9/7/17
Model No.:	HCL-PGE-2B	Standard:	ANSI/ASSE Z359.1-2007		

Sample Control No: Client brought samples 9/6/17 TRANSCRIBED TEST DATA

# ½" Gap on Lower Clip





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Client/Ref #:	Winola Industrial	Engineer:	Andrew Rulison		
Job No.:	G103218967	Tested By:	Matthew Stevens	Date:	9/6/17
Product:	Ladder Pole	Reviewed By	:Andrew Rulison	_Date: _	9/7/17
Model No.:	HCL-PGE-2B	Standard:	ANSI/ASSE Z359.1-2007		

Sample Control No: Client brought samples 9/6/17 TRANSCRIBED TEST DATA

# Sample(s) Breaking Point



Client/Ref #: Winola Industrial Engineer: Andrew Rulison Job No.: G103218967 Tested By: Matthew Stevens Date: 9/6/17 Product: Ladder Pole Reviewed By: Andrew Rulison 9/7/17 Date: HCL-PGE-2B Model No.: Standard: ANSI/ASSE Z359.1-2007

Sample Control No: Client brought samples 9/6/17 TRANSCRIBED TEST DATA

