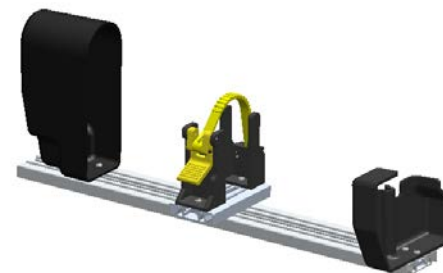


# CERTIFICATE OF COMPLIANCE

This is to certify that the **IRONSLOK HD** as pictured is manufactured to the same specifications as duplicate units proven to be in full compliance with the requirements of the 2009 Edition of the NFPA 1901 (14.1.11.2). A copy of the test summary is on the reverse side of this certificate.



P/N 5003HD  
IRONSLOK HD



**PERFORMANCE ADVANTAGE COMPANY**  
10 CENTRAL AVE., LANCASTER, NEW YORK 14086  
[www.pactoolmounts.com](http://www.pactoolmounts.com)

On the date of 11/03/2015, the MGA Research Corporation conducted extensive testing using the latest scientific equipment and procedures and documented complete compliance with the listed requirements.

  
Certified



## 1.0 TEST SUMMARY

Test Conducted and Completion Date: November 3th, 2015

Test Conducted For: Performance Advantage Company (PAC)

Test Performed By: Mike Greiner

MGA File Number: C15T1-198 (see full report)

Test Specifications: Shock NFPA 1901 (section 14.1.11.2)

## 2.0 PROGRAM

### 2.1 Shock Testing

#### 2.1.1 Test Requirements

As per customer request and NFPA 1901 (section 14.1.11.2)

#### 2.1.2 Test Procedure

One (1) Bracket P/N K5003 Irons Lok was securely fastened to the shock system via a test fixture. One (1) shock of 10g 11ms and then 20g 11ms was applied in the X, Y, and Z axes. This was applied to four (4) setups of an ax and pick combinations.

The steel channel nuts were then replaced with (4) Trac Lok inserts and the test was repeated on setup 1.

#### 2.1.3 Test Results

Minor scratching of the upper plastic housing where the pick rubbed during testing. There was no other damage as a result of testing and the bracket remained tight for the full duration of testing. .

## 3.0 TEST EQUIPMENT LIST

Item	Description	Manufacturer	Model No.	Serial No.	Cal Date	Date Due	MGA Ref
1	Vibration System	Unholtz-Dickie	T1002	264	UWCE	N/A	24.04-04
2	Vibration Controller	Crystal Instruments	Spider-81	1316032	8/12/15	8/12/16	24.03-03
3	Accelerometer	PCB	352C68	124918	2/5/15	2/5/16	02.07-39

UWCE - Used With Calibrated Equipment

ICO – Initial Calibration Only

Δ - Calibration dates are reflective of when equipment was used for testing