Alexander Andrew, Inc. declares that the product(s) listed above is in conformity with the requirements of the following performance standard(s):

**ANSI Z359.14-2014**

Conformity Assessment Method in accordance with ANSI/ISEA 125-2014

- **Level 1:** FallTech Lab
  Outside the Scope of ISO/IEC Standard 17025:2005

- **Level 2:** FallTech Lab
  Within the Scope of ISO/IEC Standard 17025:2005

- **Level 3:** Independent 3rd Party Lab accredited to ISO/IEC Standard 17025:2005

Supporting Documentation: PC-0865

Authorized Signature: ____________________________

Name: Dustin Hawkins  Title: VP Business Development  Date: 10.21.17
August 15, 2016

FallTech Testing Laboratory
1306 S. Alameda Street
Compton, CA 90221

Attention: Jay Sponholz
Quality Manager

Subject: Attestation of Witnessing Testing
Exova OCM Job # 361179-2
FallTech P.O.: OPEN
Report No.: PC-0865
Base Part No. 7281
Description: 60’ Cable 3-Way Self-Retracting Device

Dear Mr. Sponholz:

The purpose of this attestation is to attest to the fact that a representative of Exova OCM was on site at FallTech’s facilities to confirm suitability of the equipment used, calibration status of the equipment and to witness testing performed by FallTech employees. Details of this visit are included below:

- Date of Testing:
  - June 9, 33, 2016
- Exova OCM Test Witness:
  - Robert Fortner
- FallTech Test Operators:
  - Yesbet Sierra and Jay Sponholz
- Specification:
  - ANSI Z359.14-2014 Sections 4.2.1, 4.2.3, 4.2.5, 4.2.6, 4.2.8.1, 4.2.8.2, 4.2.8.3
- Equipment Calibration Interval
  - 1 year, except weights which are 5 years

This attestation is issued in accordance with our terms and conditions, a copy of which is available on request.
Attached to this attestation is the test report generated by FallTech Testing Laboratory. Exova OCM test witness certifies the report accurately presents the testing performed on the samples identified.

<table>
<thead>
<tr>
<th>Test Report #</th>
<th>Date</th>
<th>Base Part #</th>
<th>Description</th>
<th>Sample ID's</th>
<th>Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>PC-0865</td>
<td>7/8/2016</td>
<td>7281</td>
<td>60' Cable 3-Way Self-Retracting Device</td>
<td>FT15026, FT16272, FT15042, FT16260, FT16259, FT15078, FT15026, FT15042, FT16272, FT16287, FT17267, FT17299, FT16279, FT15071, FT16299, FT15028, FT15080, FT16258, FT16272, FT15026, FT15048, FT15075, FT16294, FT15059</td>
<td>Pass</td>
</tr>
</tbody>
</table>

**Test Witness Signature:**

(Signed for and on behalf of Exova-OCM)

Robert Fortner  
Technician  
Mechanical Laboratory

**Approval Signature:**

(Signed for and on behalf of Exova-OCM)

Mark E. Kokosinski  
General Manager

This attestation shall not be reproduced except in full, without the written approval of Exova-OCM. The laboratory has witnessed the testing the material / items supplied by the client as sampled by the client. The testing is not within Exova OCM's L.A.B scope of testing and was not performed at Exova OCM.
## FallTech Test Report

<table>
<thead>
<tr>
<th>Test Report Number</th>
<th>PC-0865</th>
<th>Date</th>
<th>7/8/2016</th>
<th>Rev</th>
<th>Rev Date</th>
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<tr>
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<td>FallTech</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Initiated By</td>
<td>Dan Redden</td>
<td>7281</td>
<td></td>
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<tr>
<td>Test Specification</td>
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<td>4.3.1, 4.3.3, 4.2.1, 4.3.4, 4.2.8.1, 4.2.8.2, 4.2.8.3, 4.2.5, 4.2.6, 60' Cable 3-Way Self Retracting Device</td>
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<td>Proposed Part #</td>
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<td>Date Complete</td>
<td>6/29/2016</td>
</tr>
<tr>
<td>Test Operator</td>
<td>Yesbet Sierra</td>
<td>Test Operator</td>
<td>Jay Sponholz</td>
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### Material/Sample Identification

<table>
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<td>FT15042</td>
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<td>FT16260</td>
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<td>FT15059</td>
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## Test Summary

<table>
<thead>
<tr>
<th>Test Specification</th>
<th>Test Criteria</th>
<th>Test Result</th>
<th>Pass/Fail</th>
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<tbody>
<tr>
<td>ANSI Z359.14-2014 4.3.1</td>
<td>Functional 36&quot; Travel 125 % Maximum Capacity</td>
<td>&lt; 4&quot; Vertical Displacement</td>
<td>0.0&quot;</td>
</tr>
<tr>
<td></td>
<td>Hold</td>
<td>1 Minute</td>
<td>1 Minute</td>
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<tr>
<td></td>
<td>Functional 36&quot; Travel 75 % Minimum Capacity</td>
<td>&lt; 4&quot; Vertical Displacement</td>
<td>0.0&quot;</td>
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<tr>
<td>ANSI Z359.14-2014 4.3.3</td>
<td>Static Strength Rescue Mode</td>
<td>≥ 3,000 Lbf for ≥ 60 Seconds</td>
<td>3106.2 lbF</td>
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<td>ANSI Z359.14-2014 4.3.3</td>
<td>Static Strength Rescue Mode</td>
<td>≥ 3,000 Lbf for ≥ 60 Seconds</td>
<td>3054.0 lbF</td>
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<td>ANSI Z359.14-2014 4.3.3</td>
<td>Static Strength Rescue Mode</td>
<td>≥ 3,000 Lbf for ≥ 60 Seconds</td>
<td>3053.5 lbF</td>
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# FallTech Test Report

## Test Report Details
- **Report Prepared For**: FallTech
- **Initiated By**: Dan Redden
- **Base Part #**: 7281
- **Proposed Part #**: N/A
- **Test Request #**: PC-0865
- **Date**:
  - 7/8/2016
  - 6/7/2016
  - 6/29/2016
- **Test Specification**:
  - ANSI Z359.14-2014
  - 4.3.1, 4.3.3, 4.2.1, 4.3.4, 4.2.8.1, 4.2.8.2, 4.2.8.3, 4.2.5, 4.2.6,

## Test Details

<table>
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<th>Test Request #</th>
<th>Date received</th>
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### Test Details

<table>
<thead>
<tr>
<th>Test</th>
<th>Description</th>
<th>Class A</th>
<th>Class B</th>
<th>Arrest Distance</th>
<th>Max Arrest Force</th>
<th>Avg Arrest Force</th>
<th>Post Fall Rescue Mode</th>
<th>Functional Travel</th>
<th>Visual Impact Indicator</th>
<th>Retraction Tension</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>60' Cable 3-Way Self Retracting Device</td>
<td>24&quot;</td>
<td>54&quot;</td>
<td>22.2&quot;</td>
<td>≤ 1800 lbf</td>
<td>≤ 1350 lbf</td>
<td>50% Arrest Distance</td>
<td>11.1&quot; Travel</td>
<td>Visually Deployed</td>
<td>1.25 lbf - 25 lbf</td>
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<td></td>
<td></td>
<td>&lt; 4&quot; Vertical Displacement</td>
<td>0.0&quot; Displacement</td>
<td></td>
<td>0% Extracted</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>100% Extracted</td>
</tr>
</tbody>
</table>

### Test Results

- **Arrest Distance**:
  - Class A ≤ 24"
  - Class B ≤ 54"
  - 22.2" Pass

- **Max Arrest Force**:
  - ≤ 1800 lbf
  - 1592.1 lbf
  - Pass

- **Avg Arrest Force**:
  - Class A ≥ 1350 lbf
  - Class B ≥ 900 lbf
  - 1060.1 lbf
  - Pass

- **Post Fall Rescue Mode**:
  - 50% Arrest Distance
  - ≤ 4" Vertical Displacement
  - 11.1" Travel
  - 0.0" Displacement
  - Pass

- **Functional Travel**:
  - 1.25 lbf - 25 lbf
  - < 24" Extended
  - 4.4 lbf
  - Pass

- **Visual Impact Indicator**:
  - Visually Deployed
  - Pass

- **Visual Deployment**
  - Visually Deployed
  - Pass

- **Retraction Tension**
  - 0% Extracted
  - 1.25 lbf - 25 lbf
  - ≤ 24" Extended
  - 4.4 lbf
  - Pass

- **Retraction Tension**
  - 20% Extracted
  - 1.25 lbf - 25 lbf
  - ≤ 24" Extended
  - 5.4 lbf
  - Pass

- **Retraction Tension**
  - 40% Extracted
  - 1.25 lbf - 25 lbf
  - ≤ 24" Extended
  - 7.2 lbf
  - Pass

- **Retraction Tension**
  - 60% Extracted
  - 1.25 lbf - 25 lbf
  - ≤ 24" Extended
  - 7.4 lbf
  - Pass

- **Retraction Tension**
  - 80% Extracted
  - 1.25 lbf - 25 lbf
  - ≤ 24" Extended
  - 7.6 lbf
  - Pass

- **Retraction Tension**
  - 100% Extracted
  - 1.25 lbf - 25 lbf
  - ≤ 24" Extended
  - 7.8 lbf
  - Pass

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. This accreditation demonstrates technical competence for the defined scope and the operation of a laboratory quality management system (refer to the post ISO/IEC 17025:2005). FallTech Testing Laboratory allows for a +/- 5% tolerance on dynamic and static strength test results.
<table>
<thead>
<tr>
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**FallTech Test Report**

**Initiated By**  
Dan Redden

**Base Part #**  
7281

**Test Report Number**  
PC-0865

**Test Request #**  
PC-0865

**Test Request Number**  
PC-0865

**Test Specification**  
ANSI Z359.14-2014 4.3.1, 4.3.3, 4.2.1, 4.3.4, 4.2.8.1, 4.2.8.2, 4.2.8.3, 4.2.5, 4.2.6

**Test Request Date**  
6/7/2016

**Date Complete**  
6/29/2016

**Built By Whom**  
Production

**BOM**  
No

**Test Report Date**  
6/7/2016

**Date Complete**  
6/29/2016

---

### Arrest Distance

<table>
<thead>
<tr>
<th>Class A ≤ 24&quot;</th>
<th>22.8&quot;</th>
<th>Pass</th>
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</thead>
<tbody>
<tr>
<td>Class B ≤ 54&quot;</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Max Arrest Force

| ≤ 1800 Lbf | 1756.2 lbF | Pass |

### Avg Arrest Force

| Class A ≤ 1350 Lbf | 1178.2 lbF | Pass |
| Class B ≤ 900 Lbf  |          |      |

### Post Fall Rescue Mode

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<tr>
<th>50% Arrest Distance</th>
<th>11.4&quot;</th>
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<th>0.0&quot;</th>
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<tbody>
<tr>
<td>&lt; 4&quot; Vertical Displacement</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Functional Travel

| 1.25 Lbf - 25 Lbf | < 24" Extended | Visually Deployed | Pass |

### Visual Impact Indicator

| 4.2 Lbf | Pass |

---

### Retraction Tension

| 1.25 Lbf - 25 Lbf | 4.2 Lbf | Pass |

### Retraction Tension 0% Extracted

| 1.25 Lbf - 25 Lbf | < 24" Extended | 4.2 Lbf | Pass |

### Retraction Tension 20% Extracted

| 1.25 Lbf - 25 Lbf | < 24" Extended | 5.4 Lbf | Pass |

### Retraction Tension 40% Extracted

| 1.25 Lbf - 25 Lbf | < 24" Extended | 5.8 Lbf | Pass |

### Retraction Tension 60% Extracted

| 1.25 Lbf - 25 Lbf | < 24" Extended | 7.0 Lbf | Pass |

### Retraction Tension 80% Extracted

| 1.25 Lbf - 25 Lbf | < 24" Extended | 8.0 Lbf | Pass |

### Retraction Tension 100% Extracted

| 1.25 Lbf - 25 Lbf | < 24" Extended | 7.6 Lbf | Pass |

---

### Arrest Distance

<table>
<thead>
<tr>
<th>Class A ≤ 24&quot;</th>
<th>23.0&quot;</th>
<th>Pass</th>
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</thead>
<tbody>
<tr>
<td>Class B ≤ 54&quot;</td>
<td></td>
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</tr>
</tbody>
</table>

### Max Arrest Force

| ≤ 1800 Lbf | 1681.6 lbF | Pass |

### Avg Arrest Force

| Class A ≤ 1575 Lbf | 1024.2 lbF | Pass |
| Class B ≤ 1125 Lbf |          |      |

### Post Fall Rescue Mode

<table>
<thead>
<tr>
<th>50% Arrest Distance</th>
<th>11.5&quot;</th>
<th>Travel</th>
<th>0.0&quot;</th>
<th>Displacement</th>
<th>Pass</th>
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<tbody>
<tr>
<td>&lt; 4&quot; Vertical Displacement</td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Functional Travel

| 1.25 Lbf - 25 Lbf | < 24" Extended | Visually Deployed | Pass |

### Visual Impact Indicator

| 4.4 Lbf | Pass |

---

### Retraction Tension 0% Extracted

| 1.25 Lbf - 25 Lbf | < 24" Extended | 4.4 Lbf | Pass |

### Retraction Tension 20% Extracted

| 1.25 Lbf - 25 Lbf | < 24" Extended | 5.2 Lbf | Pass |

### Retraction Tension 40% Extracted

| 1.25 Lbf - 25 Lbf | < 24" Extended | 5.8 Lbf | Pass |

### Retraction Tension 60% Extracted

| 1.25 Lbf - 25 Lbf | < 24" Extended | 6.6 Lbf | Pass |

### Retraction Tension 80% Extracted

| 1.25 Lbf - 25 Lbf | < 24" Extended | 8.2 Lbf | Pass |

### Retraction Tension 100% Extracted

| 1.25 Lbf - 25 Lbf | < 24" Extended | 7.4 Lbf | Pass |

---

This laboratory is accredited in accordance with the recognized international Standard ISO/IEC 17025:2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (ISO/IEC 17025) in the field of testing and calibration. FallTech Testing Laboratory adheres to the principles of ISO/IEC 17025:2005, a world-recognized standard for the competence of testing and calibration laboratories.
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**Report Prepared For**

FallTech

**Initiated By**

Dan Redden

**Test Specification**

ANSI Z359.14-2014 4.3.1, 4.3.3, 4.2.1, 4.3.4, 4.2.8.1, 4.2.8.2, 4.2.8.3, 4.2.5, 4.2.6

**Base Part #**

7281

**Description**

60' Cable 3-Way Self Retracting Device

**Proposed Part #**

N/A

**Built By Whom**

Production

**BOM**

No

**Test Request #**

PC-0865

**Date Received**

6/7/2016

**Date Complete**

6/29/2016

---

**Arrest Distance**

| Class A ≤ 24" | 22.0" | Pass |
| Mass Arrest Force | ≤ 1800 lbf | 1426.2 lbf | Pass |
| Avg Arrest Force | ≤ 1575 lbf | 995.2 lbf | Pass |
| Post Fall Rescue Mode | 50% Arrest Distance | 11.0" Travel | Pass |
| Functional Travel | < 4" Vertical Displacement | 0.0" Displacement | Pass |

---

**Visual Impact Indicator**

| Functional Travel | Class A | 19.2" | Pass |
| Class B ≤ 54" | 1365.5 lbf | Pass |
| Visual Deployment | Visually Deployed | Pass |

---

**Retraction Tension**

| 0% Extracted | 1.25 lbf - 25 lbf | ≤ 24" Extended | 4.0 lbf | Pass |
| 20% Extracted | 1.25 lbf - 25 lbf | ≤ 24" Extended | 5.4 lbf | Pass |
| 40% Extracted | 1.25 lbf - 25 lbf | ≤ 24" Extended | 6.4 lbf | Pass |
| 60% Extracted | 1.25 lbf - 25 lbf | ≤ 24" Extended | 6.8 lbf | Pass |
| 80% Extracted | 1.25 lbf - 25 lbf | ≤ 24" Extended | 7.2 lbf | Pass |
| 100% Extracted | 1.25 lbf - 25 lbf | ≤ 24" Extended | 9.4 lbf | Pass |

---

**Visual Deployment**

| Functional Travel | Class A | 22.0" | Pass |
| Class B ≤ 54" | 1365.5 lbf | Pass |
| Visual Deployment | Visually Deployed | Pass |

---

**Retraction Tension**

| 0% Extracted | 1.25 lbf - 25 lbf | ≤ 24" Extended | 4.4 lbf | Pass |
| 20% Extracted | 1.25 lbf - 25 lbf | ≤ 24" Extended | 5.4 lbf | Pass |
| 40% Extracted | 1.25 lbf - 25 lbf | ≤ 24" Extended | 6.4 lbf | Pass |
| 60% Extracted | 1.25 lbf - 25 lbf | ≤ 24" Extended | 7.2 lbf | Pass |
| 80% Extracted | 1.25 lbf - 25 lbf | ≤ 24" Extended | 8.8 lbf | Pass |
| 100% Extracted | 1.25 lbf - 25 lbf | ≤ 24" Extended | 7.2 lbf | Pass |
# FallTech Test Report

<table>
<thead>
<tr>
<th>Test Report Number</th>
<th>Date</th>
<th>Rev</th>
<th>Rev Date</th>
</tr>
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<tbody>
<tr>
<td>PC-0865</td>
<td>7/8/2016</td>
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## Report Prepared For

- FallTech

## Initiated By

- Dan Redden

## Test Specification

- ANSI Z359.14-2014 4.3.1, 4.3.3, 4.2.1, 4.3.4, 4.2.8.1, 4.2.8.2, 4.2.8.3, 4.2.5, 4.2.6

## Base Part #

- 7281

## Description

- 60' Cable 3-Way Self Retracting Device

## Proposed Part #

- N/A

## Built By Whom

- Production

## BOM

- No

## Test Request #

- PC-0865

## Date Received

- 6/7/2016

## Date Complete

- 6/29/2016

### ANSI Z359.14-2014 4.2.8.2, 4.3.4

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<th>Arrest Distance</th>
<th>Max Arrest Force</th>
<th>Avg Arrest Force</th>
<th>Post Fall Rescue Mode</th>
<th>Visual Impact Indicator</th>
<th>Functional Travel</th>
<th>Visual Deployment</th>
<th>Visually Deployed</th>
<th>Retraction Tension 0% Extracted</th>
<th>Retraction Tension 20% Extracted</th>
<th>Retraction Tension 40% Extracted</th>
<th>Retraction Tension 60% Extracted</th>
<th>Retraction Tension 80% Extracted</th>
<th>Retraction Tension 100% Extracted</th>
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### ANSI Z359.14-2014 4.2.8.2, 4.3.4

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<th>Avg Arrest Force</th>
<th>Post Fall Rescue Mode</th>
<th>Visual Impact Indicator</th>
<th>Functional Travel</th>
<th>Visual Deployment</th>
<th>Visually Deployed</th>
<th>Retraction Tension 0% Extracted</th>
<th>Retraction Tension 20% Extracted</th>
<th>Retraction Tension 40% Extracted</th>
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<th>Retraction Tension 100% Extracted</th>
</tr>
</thead>
</table>

### Result:

- **Pass**
## FallTech Test Report

**Test Report Number** | PC-0865 | **Date** | 7/8/2016 | **Rev** |  | **Rev Date** |
<table>
<thead>
<tr>
<th></th>
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<td><strong>Test Specification</strong></td>
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<td>7281</td>
<td><strong>Description</strong></td>
<td>60' Cable 3-Way Self Retracting Device</td>
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<td>PC-0865</td>
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<td>6/29/2016</td>
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### Test Results

**ANSI Z359.14-2014 4.2.8.2, 4.3.4**

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<thead>
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<th><strong>Item</strong></th>
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<tr>
<td>Arrest Distance</td>
<td>Class A ≤ 24” Class B ≤ 54” Pass</td>
</tr>
<tr>
<td>Max Arrest Force</td>
<td>≤ 1800 Lbf 1841.1 lbF Pass</td>
</tr>
<tr>
<td>Avg Arrest Force</td>
<td>Class A ≤ 1575 Lbf Class B ≤ 1125 Lbf 985.5 lbF Pass</td>
</tr>
<tr>
<td>Post Fall Rescue Mode Functional Travel</td>
<td>50% Arrest Distance &lt; 4” Vertical Displacement 11.7” Travel 0.0” Displacement Pass</td>
</tr>
<tr>
<td>Visual Impact Indicator</td>
<td>Visually Deployed Pass</td>
</tr>
<tr>
<td>Retraction Tension 0% Extracted</td>
<td>1.25 Lbf - 25 Lbf ≤ 24” Extended 4.0 lbF Pass</td>
</tr>
<tr>
<td>Retraction Tension 20% Extracted</td>
<td>1.25 Lbf - 25 Lbf ≤ 24” Extended 5.2 lbF Pass</td>
</tr>
<tr>
<td>Retraction Tension 40% Extracted</td>
<td>1.25 Lbf - 25 Lbf ≤ 24” Extended 6.6 lbF Pass</td>
</tr>
<tr>
<td>Retraction Tension 60% Extracted</td>
<td>1.25 Lbf - 25 Lbf ≤ 24” Extended 6.6 lbF Pass</td>
</tr>
<tr>
<td>Retraction Tension 80% Extracted</td>
<td>1.25 Lbf - 25 Lbf ≤ 24” Extended 8.0 lbF Pass</td>
</tr>
<tr>
<td>Retraction Tension 100% Extracted</td>
<td>1.25 Lbf - 25 Lbf ≤ 24” Extended 7.4 lbF Pass</td>
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**ANSI Z359.14-2014 4.2.8.3, 4.3.4**

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<tr>
<td>Arrest Distance</td>
<td>Class A ≤ 24” Pass</td>
</tr>
<tr>
<td>Max Arrest Force</td>
<td>≤ 1800 Lbf 1618.9 lbF Pass</td>
</tr>
<tr>
<td>Avg Arrest Force</td>
<td>Class A ≤ 1575 Lbf Class B ≤ 1125 Lbf 999.0 lbF Pass</td>
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<tr>
<td>Post Fall Rescue Mode Functional Travel</td>
<td>50% Arrest Distance &lt; 4” Vertical Displacement 14.0” Travel 0.0” Displacement Pass</td>
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<tr>
<td>Visual Impact Indicator</td>
<td>Visually Deployed Pass</td>
</tr>
<tr>
<td>Retraction Tension 0% Extracted</td>
<td>1.25 Lbf - 25 Lbf ≤ 24” Extended 4.8 lbF Pass</td>
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<tr>
<td>Retraction Tension 20% Extracted</td>
<td>1.25 Lbf - 25 Lbf ≤ 24” Extended 6.0 lbF Pass</td>
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<tr>
<td>Retraction Tension 40% Extracted</td>
<td>1.25 Lbf - 25 Lbf ≤ 24” Extended 7.2 lbF Pass</td>
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<tr>
<td>Retraction Tension 60% Extracted</td>
<td>1.25 Lbf - 25 Lbf ≤ 24” Extended 7.4 lbF Pass</td>
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<tr>
<td>Retraction Tension 80% Extracted</td>
<td>1.25 Lbf - 25 Lbf ≤ 24” Extended 7.2 lbF Pass</td>
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<tr>
<td>Retraction Tension 100% Extracted</td>
<td>1.25 Lbf - 25 Lbf ≤ 24” Extended 7.2 lbF Pass</td>
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FallTech Test Report

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<tr>
<th>Test Request #</th>
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<th>6/29/2016</th>
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<tbody>
<tr>
<td>Arrest Distance</td>
<td>Class A ≤ 24&quot; Class B ≤ 54&quot;</td>
<td>25.4&quot;</td>
<td>Pass</td>
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<tr>
<td>Max Arrest Force</td>
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<td>Avg Arrest Force</td>
<td>Class A ≤ 1575 Lbf Class B ≤ 1125 Lbf</td>
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<tr>
<td>Post Fall Rescue Mode Functional Travel</td>
<td>&lt; 4&quot; Vertical Displacement</td>
<td>12.7&quot; Travel 0.0&quot; Displacement</td>
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<td></td>
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<tr>
<td>Visual Impact Indicator</td>
<td>Visually Deployed</td>
<td>Visually Deployed</td>
<td>Pass</td>
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ANSI Z359.14-2014 4.2.8.3, 4.3.4

| Retraction Tension 0% Extracted | 1.25 Lbf - 25 Lbf ≤ 24" Extended | 3.8 Lbf | Pass |
| Retraction Tension 20% Extracted | 1.25 Lbf - 25 Lbf ≤ 24" Extended | 6.0 Lbf | Pass |
| Retraction Tension 40% Extracted | 1.25 Lbf - 25 Lbf ≤ 24" Extended | 6.2 Lbf | Pass |
| Retraction Tension 60% Extracted | 1.25 Lbf - 25 Lbf ≤ 24" Extended | 9.0 Lbf | Pass |
| Retraction Tension 80% Extracted | 1.25 Lbf - 25 Lbf ≤ 24" Extended | 7.4 Lbf | Pass |
| Retraction Tension 100% Extracted | 1.25 Lbf - 25 Lbf ≤ 24" Extended | 7.8 Lbf | Pass |

ANSI Z359.14-2014 4.2.8.3, 4.3.4

| Arrest Distance | Class A ≤ 24" Class B ≤ 54" | 25.4" | Pass |
| Max Arrest Force | ≤ 1800 Lbf | 1204.5 lbF | Pass |
| Avg Arrest Force | Class A ≤ 1575 Lbf Class B ≤ 1125 Lbf | 838.3 lbF | Pass |
| Post Fall Rescue Mode Functional Travel | < 4" Vertical Displacement | 12.7" Travel 0.0" Displacement | Pass |
| Visual Impact Indicator | Visually Deployed | Visually Deployed | Pass |

Retraction Tension 0% Extracted | 1.25 Lbf - 25 Lbf ≤ 24" Extended | 4.6 Lbf | Pass |
| Retraction Tension 20% Extracted | 1.25 Lbf - 25 Lbf ≤ 24" Extended | 5.8 Lbf | Pass |
| Retraction Tension 40% Extracted | 1.25 Lbf - 25 Lbf ≤ 24" Extended | 6.6 Lbf | Pass |
| Retraction Tension 60% Extracted | 1.25 Lbf - 25 Lbf ≤ 24" Extended | 7.0 Lbf | Pass |
| Retraction Tension 80% Extracted | 1.25 Lbf - 25 Lbf ≤ 24" Extended | 8.2 Lbf | Pass |
| Retraction Tension 100% Extracted | 1.25 Lbf - 25 Lbf ≤ 24" Extended | 8.4 Lbf | Pass |
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<td>60' Cable 3-Way Self Retracting Device</td>
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<td>Proposed Part #</td>
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### Retraction Tension

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<tr>
<td>0% Extracted</td>
<td>4.8 lbF</td>
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<td>20% Extracted</td>
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<td>40% Extracted</td>
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<td>7.6 lbF</td>
<td>Pass</td>
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<td>80% Extracted</td>
<td>10.2 lbF</td>
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### ANSI Z359.14-2014

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<td>0% Extracted</td>
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<tr>
<td>40% Extracted</td>
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**Report Prepared For:** FallTech

**Initiated By:** Dan Redden

**Base Part #**

### Test Request 

- **Base Part #**
  - 7281

- **Proposed Part #**
  - N/A

- **Description**
  - 60° Cable 3-Way Self Retracting Device

- **Test Request #**
  - PC-0865

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<th>Retraction Tension</th>
<th>1.25 lbf - 25 lbf</th>
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<th>4.4 lbf</th>
<th>Pass</th>
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<tr>
<td>Retraction Tension 0% Extracted</td>
<td>1.25 lbf - 25 lbf</td>
<td>≤ 24&quot; Extended</td>
<td>6.2 lbf</td>
<td>Pass</td>
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<tr>
<td>Retraction Tension 20% Extracted</td>
<td>1.25 lbf - 25 lbf</td>
<td>≤ 24&quot; Extended</td>
<td>6.2 lbf</td>
<td>Pass</td>
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<td>Retraction Tension 40% Extracted</td>
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<td>Pass</td>
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<tr>
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<tr>
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<th>Static Strength</th>
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<th>3084.0 lbf</th>
<th>Pass</th>
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<td>Static Strength</td>
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<td>3068.7 lbf</td>
<td>Pass</td>
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</table>

### Conclusion

FallTech P/N 7281 Three Way Self Retracting Device meets the requirements of ANSI Z359.14-2014.

### Report Signatories and Approval

- **Lab Quality Manager**
  - [Signature]
  - Date: 7/8/2016

- **Witnessed by**
  - [Signature]
  - Date: 8/30/16