

Declaration of Conformity

In Accordance with ANSI/ISEA 125-2014



Alexander Andrew, Inc. 1306 S. Alameda St Compton, CA 90221

Declaration #

S0917004a

Declaration Date

9.15.17

Tested Item #

6036024

SteelGrip® 60' Temporary Cable HLL System

Additional Items Conforming Under this Declaration:

6033012

6033018

6033024

6036012

6036018

6038012

6038018

6038024

60310012

60310018

60310024

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

OSHA 1926.502 and 1910.140

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

Level 1

Level 2

Level 3

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

DPT-000047

PC-1133

Authorized Signature

Name

Martin Barila

Title

VP of Operations

Date

11.7.17

FallTech Test Report

| | | | | | | | |
|----------------------------|---|------------------------------|--|--------------------------|---|-----------------|--|
| Test Report No. | DTP-000047 | Rpt. Date | 9/15/2017 | Rpt. Rev | | Rev Date | |
| Report Prepared For | FallTech | | | | | | |
| Initiated By | Mark Sasaki | Test Specification(s) | OSHA 1926, No Applicable ANSI Standard | | | | |
| Part No. | 620030/620060/620100 | | | Part No. Revision | A | | |
| Part Description | 30'/60'/100' SteelGrip Temporary Cable HLL System | | | | | | |
| Test Request No. | DTP-000047 | | Date Complete | 8/2/2017 | | | |
| Test Operator(s) | Zack Winters, Tyler Wilson, Mark Sasaki | | | | | | |

Material/Sample Identification

| Sample ID | Description |
|-----------|--|
| 620030 | 30' SteelGrip Cable HLL Kit; See attached DTP-000047 Protocol for Details |
| 620060 | 60' SteelGrip Cable HLL Kit; See attached DTP-000047 Protocol for Details |
| 620100 | 100' SteelGrip Cable HLL Kit; See attached DTP-000047 Protocol for Details |



Test Summary

| Test Specification | Test Criteria | Test Result | Pass/Fail |
|----------------------------------|----------------------------------|---------------------------------|---------------------------------|
| See attached DTP-000047 Protocol | See attached DTP-000047 Protocol | See attached DTP-000047 Results | See attached DTP-000047 Results |

Conclusion

FallTech P/N 620030/620060/620100 SteelGrip Temporary Cable HLL System meets the requirements of OSHA 1926, OSHA 1910, and FallTech's General Manufacturing Requirements.

Report Signatories and Approval

| | | | |
|-------------------------|---|------|-----------|
| Lab Quality Manager |  | Date | 9/15/2017 |
| Director of Engineering |  | Date | 9/15/2017 |
| Witnessed by | Not Required | Date | N/A |



FallTech Test Report

| | | | | | | | |
|----------------------------|---|------------------------------|--|--------------------------|----------|-----------------|--|
| Test Report No. | DTP-000047 | Rpt. Date | 9/15/2017 | Rpt. Rev | | Rev Date | |
| Report Prepared For | FallTech | | | | | | |
| Initiated By | Mark Sasaki | Test Specification(s) | OSHA 1926, No Applicable ANSI Standard | | | | |
| Part No. | 620030/620060/620100 | | | Part No. Revision | A | | |
| Part Description | 30'/60'/100' SteelGrip Temporary Cable HLL System | | | | | | |
| Test Request No. | DTP-000047 | | | Date Complete | 8/2/2017 | | |

Test Information

| | | | |
|---------------------------------------|---|--------------------------|------------------|
| Description of Test | SteelGrip Temporary Cable HLL Full System Testing | | |
| Test Method | See attached DTP-000047 Protocol | | |
| Acceptance Criteria | See attached DTP-000047 Protocol | | |
| Test Procedure | See attached DTP-000047 Protocol | | |
| Conditioning Requirements | N/A | Actual Conditions | Ambient |
| Time Removed from Conditioning | N/A | Time Tested | N/A |
| Test Environment | Ambient Conditions, Outdoors | | |
| Test By | Zack Winters | Test Date | 7/28/17 - 8/2/17 |

Equipment Used

| Equipment Used | Size/Type | Control Number | Calibration Date |
|----------------|---------------------------------|----------------|------------------|
| 10k Load Cell | 10,000 Lbf Load Cell (+/- 0.5%) | 342183 | 4/25/2018 |
| | | | |
| | | | |
| | | | |

Test Results

| Sample ID | Characteristic | Criteria | Test Data | Pass/Fail |
|----------------------------------|----------------------------------|----------------------------------|--------------------------------------|--------------------------------------|
| See attached DTP-000047 Protocol | See attached DTP-000047 Protocol | See attached DTP-000047 Protocol | See attached DTP-000047 Test Results | See attached DTP-000047 Test Results |

End of Report

Testing Protocol

| | |
|------------------------------|--|
| Project/Product: | 00058 (3DH-040914B - Temporary Cable HLL System) |
| Part #: | 620030/620060/620100 |
| Maker/Vendor: | FallTech |
| Protocol Code | DTP-000047 |
| Requested By | Tyler Wilson |
| Date | 5/2/2017 |
| # of Samples Required | 20 Total |

Section 1: Product Description

The FallTech SteelGrip[®] Temporary Cable HLL is a 2-person temporary horizontal lifeline with turnbuckle tensioner and coil energy absorber. The system also requires the use of personal energy absorbers connected between the user and the horizontal lifeline. The tension indicator may be used with this system to ensure proper horizontal lifeline pretension. The system will be offered in lengths from 20' to 300' and also full kits with anchors/stanchions. User instruction manual will include all information relating to single vs. multiple span configurations and span maximum length. The system can be attached directly to existing anchor points using the provided carabiners or used with web anchor slings or stanchions (concrete columns, I-beams, etc.).

Section 2: Attachment Method

The SteelGrip HLL will be connected to 7414 Weld-On anchors, attached directly to the test structure. The personal energy absorbers (PEAs) will be attached directly to the lifeline cable using the leg end snaphook connector and oriented with the shock pack closest to the test mass. The test mass will be dropped from the middle of the span.

Section 3: Testing Instructions

Special Instructions/Notes: For the multi-person dynamic drop tests, the lumped sum test mass methodology will be followed, using a single test mass with multiple PEAs attached to the HLL. The test mass will weigh 493.5lbs for the 2-person tests. The tolerance on the test mass is +/- 2lbs.

Testing Taw Data to be Collected:

- 1) Maximum & Average Forces to the Anchor Point (Load cell in-line with HLL system)
- 2) Forces to the "Body" [Load cell between test mass and personal energy absorber (PEA)]
- 3) Initial, Dynamic, and Final Sag distances of lifeline
- 4) Pretension force of lifeline after installation
- 5) Total fall clearance
- 6) HLL Energy Absorber deployment distance
- 7) Personal Energy Absorber deployment distance

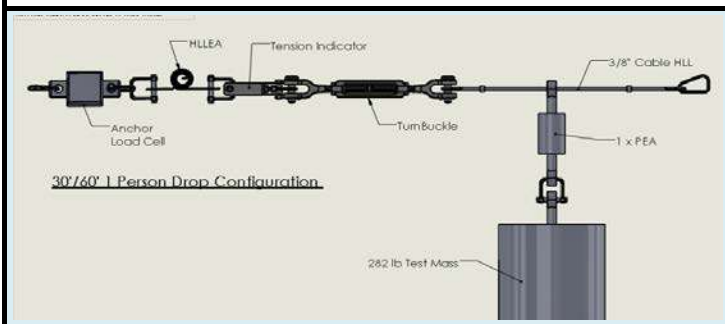


Figure 1: 1-Person Drop Test Configuration 30'/60'

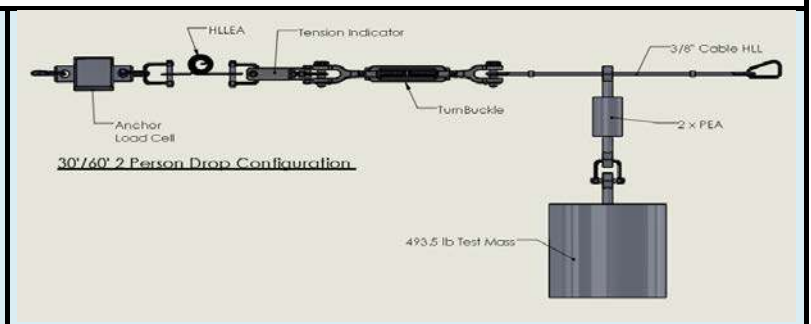


Figure 2: 2-Person Drop Test Configuration 30'/60'

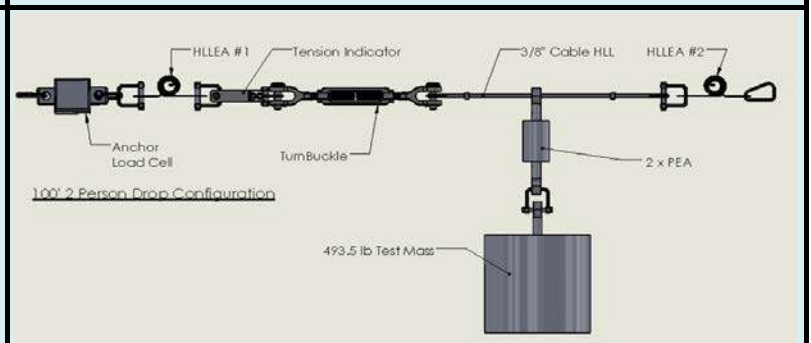
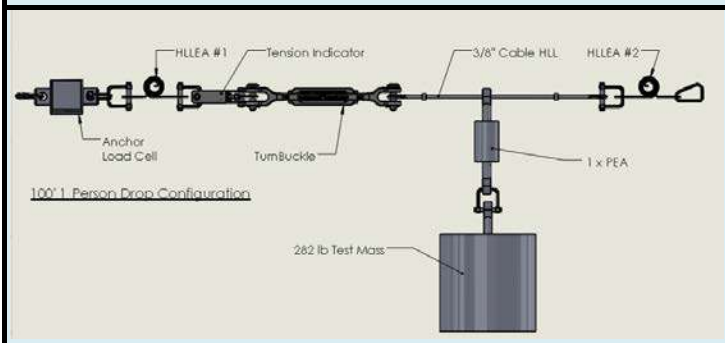


Figure 3: 1-Person Drop Test Configuration 100'

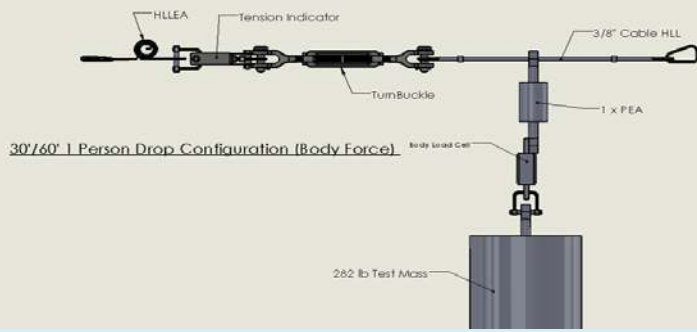


Figure 4: 2-Person Drop Test Configuration 100'

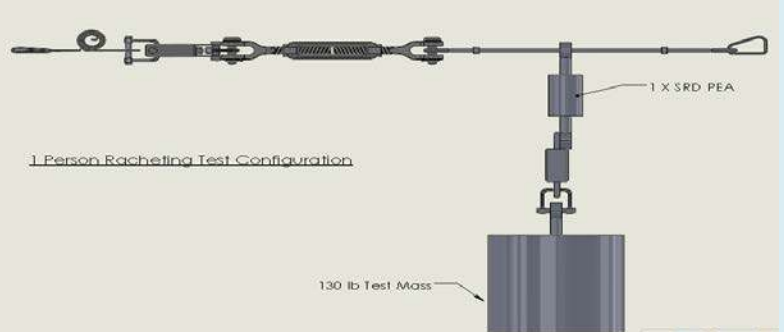


Figure 5: 1-Person Drop Test Configuration 30' (Body Force)

Figure 6: 1 Person Drop Ratchet Test Configuration 30'

Section 4: Dynamic Testing

| Test | Standard | Section | Name | Requirement | Direction/ Loading | Equipment | Gauge | # of Samples | Comments |
|------|----------|---------|--------------------------------------|--|---|--|---------------------|-----------------|---------------|
| 1 | N/A | N/A | 100' Span, 2-Person Drop [493.5 lbs] | Test mass does not hit ground, system remains intact, forces to anchor point must be below 5000 lbs. | Test mass should start drop from 3' above HLL system line | See Special Instructions Above, Figure 4 | Load Cell (In Line) | 1 | 8253 [3' Lan] |
| 2 | N/A | N/A | 100' Span, 2-Person Drop [493.5 lbs] | Test mass does not hit ground, system remains intact, forces to anchor point must be below 5000 lbs. | Test mass should start drop from 3' above HLL system line | See Special Instructions Above, Figure 4 | Load Cell (In Line) | 1 | 8253 [3' Lan] |
| 3 | N/A | N/A | 100' Span, 2-Person Drop [493.5 lbs] | Test mass does not hit ground, system remains intact, forces to anchor point must be below 5000 lbs. | Test mass should start drop from 3' above HLL system line | See Special Instructions Above, Figure 4 | Load Cell (In Line) | 1 | 8253 [3' Lan] |
| 4 | N/A | N/A | 100' Span, 1-Person Drop [282 lbs] | Test mass does not hit ground, system remains intact, forces to anchor point must be below 5000 lbs. | Test mass should start drop from 3' above HLL system line | See Special Instructions Above, Figure 3 | Load Cell (In Line) | 1 | 8253 [3' Lan] |
| 5 | N/A | N/A | 100' Span, 1-Person Drop [282 lbs] | Test mass does not hit ground, system remains intact, forces to anchor point must be below 5000 lbs. | Test mass should start drop from 3' above HLL system line | See Special Instructions Above, Figure 3 | Load Cell (In Line) | 1 | 8253 [3' Lan] |
| 6 | N/A | N/A | 100' Span, 1-Person Drop [282 lbs] | Test mass does not hit ground, system remains intact, forces to anchor point must be below 5000 lbs. | Test mass should start drop from 3' above HLL system line | See Special Instructions Above, Figure 3 | Load Cell (In Line) | 1 | 8253 [3' Lan] |
| 7 | N/A | N/A | 60' Span, 1-Person Drop [282 lbs] | Test mass does not hit ground, system remains intact, forces to anchor point must be below 5000 lbs. | Test mass should start drop from 1' above HLL system line | See Special Instructions Above, Figure 1 | Load Cell (In Line) | 1 | 8256 [6' Lan] |
| 8 | N/A | N/A | 60' Span, 2-Person Drop [493.5 lbs] | Test mass does not hit ground, system remains intact, forces to anchor point must be below 5000 lbs. | Test mass should start drop from 1' above HLL system line | See Special Instructions Above, Figure 2 | Load Cell (In Line) | 1 | 8256 [6' Lan] |

| | | | | | | | | | |
|----|-----|-----|--|---|--|---|-------------------------|----------|------------------------|
| 9 | N/A | N/A | 30' Span, 1-Person Drop [282 lbs] | Test mass does not hit ground, system remains intact, forces to anchor point must be below 5000 lbs. | Test mass should start drop from 1' above HLL system line | See Special Instructions Above, Figure 1 | Load Cell (In Line) | 1 | 8256 [6' Lan] |
| 10 | N/A | N/A | 30' Span, 1-Person Drop [282 lbs] | Test mass does not hit ground, system remains intact, forces to anchor point must be below 5000 lbs. | Test mass should start drop from 1' above HLL system line | See Special Instructions Above, Figure 1 | Load Cell (In Line) | 1 | 8256 [6' Lan] |
| 11 | N/A | N/A | 30' Span, 1-Person Drop [282 lbs] | Test mass does not hit ground, system remains intact, forces to anchor point must be below 5000 lbs. | Test mass should start drop from 1' above HLL system line | See Special Instructions Above, Figure 1 | Load Cell (In Line) | 1 | 8256 [6' Lan] |
| 12 | N/A | N/A | 30' Span, 2-Person Drop [493.5 lbs] | Test mass does not hit ground, system remains intact, forces to anchor point must be below 5000 lbs. | Test mass should start drop from 1' above HLL system line | See Special Instructions Above, Figure 2 | Load Cell (In Line) | 1 | 8256 [6' Lan] |
| 13 | N/A | N/A | 30' Span, 2-Person Drop [493.5 lbs] | Test mass does not hit ground, system remains intact, forces to anchor point must be below 5000 lbs. | Test mass should start drop from 1' above HLL system line | See Special Instructions Above, Figure 2 | Load Cell (In Line) | 1 | 8256 [6' Lan] |
| 14 | N/A | N/A | 30' Span, 2-Person Drop [493.5 lbs] | Test mass does not hit ground, system remains intact, forces to anchor point must be below 5000 lbs. | Test mass should start drop from 1' above HLL system line | See Special Instructions Above, Figure 2 | Load Cell (In Line) | 1 | 8256 [6' Lan] |
| 15 | N/A | N/A | 30' Span, 1-Person Drop [282 lbs] | Test mass does not hit ground, system remains intact, forces to anchor point must be below 5000 lbs. | Test mass should start drop from 1' above HLL system line | See Special Instructions Above, Figure 5 | Load Cell (Body) | 1 | 8256 [6' Lan] |
| 16 | N/A | N/A | 30' Span, Ratchet Drop [130 lbs] | Test mass does not hit ground, system remains intact, forces to anchor point must be below 5000 lbs. | Test mass should start drop from 1' above HLL system line | See Special Instructions Above, Figure 6 | Load Cell (In Line) | 1 | 727630 [30' Con] |
| 17 | N/A | N/A | 30' Span, Ratchet Drop [130 lbs] | Test mass does not hit ground, system remains intact, forces to anchor point must be below 5000 lbs. | Test mass should start drop from 1' above HLL system line | See Special Instructions Above, Figure 6 | Load Cell (In Line) | 1 | 727326 [30' Dur] |
| 18 | N/A | N/A | 30' Span, Ratchet Drop [130 lbs] | Test mass does not hit ground, system remains intact, forces to anchor point must be below 5000 lbs. | Test mass should start drop from 1' above HLL system line | See Special Instructions Above, Figure 6 | Load Cell (In Line) | 1 | 82706SB1 [6' Dur Web] |
| 19 | N/A | N/A | 30' Span, Ratchet Drop [130 lbs] | Test mass does not hit ground, system remains intact, forces to anchor point must be below 5000 lbs. | Test mass should start drop from 1' above HLL system line | See Special Instructions Above, Figure 6 | Load Cell (In Line) | 1 | 72706SB1 [6' Mini Web] |

| | | | | | | | | | |
|----|-----|-----|-------------------------------------|--|---|--|---------------------|---|----------------|
| 20 | N/A | N/A | 30' Span, 2-Person Drop [493.5 lbs] | Test mass does not hit ground, system remains intact, forces to anchor point must be below 5000 lbs. | Test mass should start drop from 1' above HLL system line | See Special Instructions Above, Figure 2 | Load Cell (In Line) | 1 | 8247 [12' Lan] |
|----|-----|-----|-------------------------------------|--|---|--|---------------------|---|----------------|

Sign-Off Section

| | | |
|--|----------------------------------|---------------------------------|
| Electronic Signoff on Arena PLM | Electronic Signoff on Arena PLM | Electronic Signoff on Arena PLM |
| Director of Engineering Mark Sasaki | Production Manager Dan Redden | Sr. PLM Cory Schurian |

| | |
|--------------|-----------|
| FTE-08 Rev B | 4/12/2017 |
|--------------|-----------|



Testing Results Form

| | |
|-------------------------|--------------------------------------|
| Project/Product: | 00058 (3DH-040914B) Cable HLL System |
| Part #: | 620030, 620060, & 620100 |
| Maker/Vendor: | FallTech |
| Protocol Code: | DTP-000047 |
| Date: | 5/15/2017 |

Description: 100' Span - 2 Person Drop - 8253 SALs

Standard: N/A

| TEST | RESULTS | COMMENTS |
|----------|---------|---|
| Test # 1 | PASS | Max Force: 2385.8 lbs Avg Force: 1768.5 lbs Fall Clearance: 34.7 ft |
| Test #2 | PASS | Max Force: 2353.1 lbs Avg Force: 1796.6 lbs Fall Clearance: 33.0 ft |
| Test #3 | PASS | Max Force: 2416 lbs Avg Force: 1791.6 lbs Fall Clearance: 34.0 ft |

Description: 100' Span - 1 Person Drop - 8253 SAL

Standard: N/A

| TEST | RESULTS | COMMENTS |
|---------|---------|---|
| Test #4 | PASS | Max Force: 2260.2 lbs Avg Force: 1690.1 lbs Fall Clearance: 26.9 ft |
| Test #5 | PASS | Max Force: 2259.3 lbs Avg Force: 1715.1 lbs Fall Clearance: 27.5 ft |
| Test #6 | PASS | Max Force: 2249.4 lbs Avg Force: 1680.7 lbs Fall Clearance: 27.3 ft |

Description: 60' Span - 1 Person Drop - 8256 SAL

Standard: N/A

| TEST | RESULTS | COMMENTS |
|---------|---------|--|
| Test #7 | PASS | Max Force: 2263.4 lbs Avg Force: 1600.03 lbs Fall Clearance: 25.0 ft |

Description: 60' Span - 2 Person Drop - 8256 SALs

Standard: N/A

| TEST | RESULTS | COMMENTS |
|-----------|---------|---|
| Test #8-1 | PASS | Max Force: 3151.2 lbs Avg Force: 1854.9 lbs Fall Clearance: 27.5 ft |
| Test #8-2 | PASS | Max Force: 3242.5 lbs Avg Force: 1970.8 lbs Fall Clearance: 27.8 ft |
| Test #8-3 | PASS | Max Force: 3290.1 lbs Avg Force: 1627.2 lbs Fall Clearance: 26.7 ft |

Description: 30' Span - 1 Person Drop - 8256 SAL

Standard: N/A

| TEST | RESULTS | COMMENTS |
|-----------|---------|---|
| Test #9 | PASS | Max Force: 2639.5 lbs Avg Force: 1547.9 lbs Fall Clearance: 22.1 ft |
| Test #10 | PASS | Max Force: 2403.3 lbs Avg Force: 1715.1 lbs Fall Clearance: 21.6 ft |
| Test # 11 | PASS | Max Force: 2435.1 lbs Avg Force: 1570.4 lbs Fall Clearance: 22.0 ft |

Description: 30' Span - 2 Person Drop - 8256 SALs

Standard: N/A

| TEST | RESULTS | COMMENTS |
|----------|---------|--|
| Test #12 | PASS | Max Force: 2440.9 lbs Avg Force: 1765.9 lbs Fall Clearance: 24.1 ft |
| Test #13 | PASS | Max Force: 2623.2 lbs Avg Force: 1842.6 lbs Fall Clearance: 24.2 ft |
| Test #14 | PASS | Max Force: 2489.2 lbs Avg Force: 1820.97 lbs Fall Clearance: 24.0 ft |

Description: 30' Span - 1 Person Drop - 8256 SAL - Body Force Load Cell Position

Standard: N/A

| TEST | RESULTS | COMMENTS |
|----------|---------|--|
| Test #15 | PASS | Max Force: 1077.2 lbs Avg Force: 781.2 Fall Clearance: 22.2 ft |

Description: 30' Span - Lightweight SRD Ratchet Drop - 727630 Contractor SRD

Standard: N/A

| TEST | RESULTS | COMMENTS |
|----------|---------|---|
| Test #16 | PASS | Max Force: 2086.7 lbs Avg Force: 1344.7 lbs Fall Clearance: N/A |

Description: 30' Span - Lightweight SRD Ratchet Drop - 7232C DuraTech SRD

Standard: N/A

| TEST | RESULTS | COMMENTS |
|---|-------------|--|
| Test #17 | PASS | Max Force: 2424.8 lbs Avg Force: 1443.2 lbs Fall Clearance: N/A |
| <i>Description: 30' Span - Lightweight SRD Ratchet Drop - 82706SB1 DuraTech SRD</i> | | |
| <i>Standard: N/A</i> | | |
| TEST | RESULTS | COMMENTS |
| Test #18 | PASS | Max Force: 2145 lbs Avg Force: 1347.3 lbs Fall Clearance: N/A |
| <i>Description: 30' Span - Lightweight SRD Ratchet Drop - 72706SB1 Mini SRD</i> | | |
| <i>Standard: N/A</i> | | |
| TEST | RESULTS | COMMENTS |
| Test #19 | PASS | Max Force: 2300.9 lbs Avg Force: 1442.7 lbs Fall Clearance: N/A |
| <i>Description: 30' Span - 2 Person Drop - 8247 12'FF SALs</i> | | |
| <i>Standard: N/A</i> | | |
| TEST | RESULTS | COMMENTS |
| Test #20 | PASS | Max Force: 3229.5 lbs Avg Force: 1957.4 lbs Fall Clearance: 23.5 ft |
| <i>Description: 100' Span - Lightweight SRD Ratchet Drop - 727630 Contractor SRD</i> | | |
| <i>Standard: N/A</i> | | |
| TEST | RESULTS | COMMENTS |
| Test #21 | PASS | Max Force: 2422.6 lbs Avg Force: 1426.4 lbs Fall Clearance: N/A |
| Special Comments | | |
| <p><i>Summary:</i> This test protocol, test execution, and test results serve as the certification testing for the Cable HLL system. Based on these results, I recommend the move to production on this product. These items have passed FallTech's internal testing requirements.</p> <p>Note: Red colored text of Maximum/Peak Force values denoted that the product used in this configuration will not meet a 2:1 safety factor when used with 5,000 lb. rated anchor points.</p> | | |
| Form Completed by FallTech Engineer: | | Date: |
| Tyler Wilson | | 8/2/2017 |
| | | FTE-10 Rev A |
| | | 7.1.13 |

FallTech Test Report

| | | | | | | | |
|----------------------------|-----------------------------|------------------------------|--------------------------|-----------------|--|-----------------|--|
| Test Report No. | PC-1133 | Rpt. Date | 6/5/2017 | Rpt. Rev | | Rev Date | |
| Report Prepared For | FallTech | | | | | | |
| Initiated By | Dan Redden | Test Specification(s) | OSHA § 1926.502 (d) (15) | | | | |
| Part No. | 603024K | Part No. Revision | A | | | | |
| Part Description | Stanchion Post with Clamp | | | | | | |
| Test Request No. | PC-1133 | Date Complete | 5/26/2017 | | | | |
| Test Operator(s) | Yesbet Sierra, Jay Sponholz | | | | | | |

Material/Sample Identification

| Sample ID | Description |
|-----------|---------------------------|
| S1 | Stanchion Post with Clamp |


Test Summary

| Test Specification | Test Criteria | Test Result | Pass/Fail | |
|--------------------------|-------------------------|--|---------------|------|
| OSHA § 1926.502 (d) (15) | 384 lbs weight drop 85" | Dynamic Drop to simulate 8000 lbs. force | 2963.6 Lbf | Pass |
| | 384 lbs weight drop 85" | Hold for ≥ 1 Minute (Post Drop) | Held 1 Minute | Pass |

Conclusion

FallTech P/N 603024K Rev A Stanchion Post with Clamp meets the requirements of OSHA 1926.502 (d) (15)

Report Signatories and Approval

| | | | |
|---------------------|---|------|----------|
| Lab Quality Manager |  | Date | 6/5/2017 |
|---------------------|---|------|----------|

| | | | |
|--------------|--------------|------|-----|
| Witnessed by | Not Required | Date | N/A |
|--------------|--------------|------|-----|



FallTech Test Report

| | | | | | | | |
|----------------------------|---------------------------|------------------------------|--------------------------|-----------------|--|-----------------|--|
| Test Report No. | PC-1133 | Rpt. Date | 6/5/2017 | Rpt. Rev | | Rev Date | |
| Report Prepared For | FallTech | | | | | | |
| Initiated By | Dan Redden | Test Specification(s) | OSHA § 1926.502 (d) (15) | | | | |
| Part No. | 603024K | Part No. Revision | A | | | | |
| Part Description | Stanchion Post with Clamp | | | | | | |
| Test Request No. | PC-1133 | Date Complete | 5/26/2017 | | | | |

Test Information

| | | | |
|---------------------------------------|--------------------------------------|--------------------------|----------------|
| Description of Test | Dynamic Drop Test: Guardrail Systems | | |
| Test Method | OSHA 1926.502 (d) (15) | | |
| Acceptance Criteria | OSHA 1926.502 (d) (15) | | |
| Test Procedure | PC-0898 | | |
| Conditioning Requirements | Not Applicable | Actual Conditions | Not Applicable |
| Time Removed from Conditioning | Not Applicable | Time Tested | Not Applicable |
| Test Environment | 78.2°F / 47.6% RH | | |
| Test By | Jay Sponholz, Yesbet Sierra | Test Date | 5/26/2017 |

Equipment Used

| Equipment Used | Size/Type | Control Number | Calibration Date |
|----------------|------------|----------------|------------------|
| Load Cell | 10,000 Lbs | 221731 | 4/25/2017 |

Test Results

| Sample ID | Characteristic | Criteria | Test Data | Pass/Fail |
|-----------|-------------------------|--|---------------|-----------|
| S1 | 384 lbs weight drop 85" | Dynamic Drop to simulate 8000 lbs. force | 2963.6 Lbf | Pass |
| | 384 lbs weight drop 85" | Hold for ≥ 1 Minute (Post Drop) | Held 1 Minute | Pass |

End of Report