

Test Report

Personal Fall Arrest Equipment ANSI/ASSE Z359.11-2014 Full Body Harness

Report no: 2.20.12.04

Client: SOLUCIONES DE ALTURA S.A. DE C.V.
Autopista de Aeropuerto #104
Col. Bosques de San Miguel II
66647 Apodaca N.L.
México

Manufacturer: SOLUCIONES DE ALTURA S.A. DE C.V.

**Client orders and
Dates received:** T/0744C (26 May 2020)
T/0815A (16 November 2020)

Model: 152000
154000
156000

Dates of tests: 9 June 2020 to 23 November 2020, and 3 December 2020

Signed:



Steven Sum, Laboratory Manager

Issued: 3 December 2020

Test Report

Personal Fall Arrest Equipment ANSI/ASSE Z359.11-2014 Full Body Harness

Report no: 2.20.12.10

Client: SOLUCIONES DE ALTURA S.A. DE C.V.
Autopista de Aeropuerto #104
Col. Bosques de San Miguel II
66647 Apodaca N.L.
México

Manufacturer: SOLUCIONES DE ALTURA S.A. DE C.V.

**Client orders and
Dates received:** T/0744C (26 May 2020)
T/0815A (16 November 2020)

Model: 154000-D
154000-DC

Dates of tests: 19 September 2020 to 25 November 2020, and
6 December 2020

Signed:



Steven Sum, Laboratory Manager

Issued: 7 December 2020

Test Report

Personal Fall Arrest Equipment ANSI/ASSE Z359.11-2014 Full Body Harness

Report no: 2.20.12.85

Client: SOLUCIONES DE ALTURA S.A. DE C.V.
Autopista de Aeropuerto #104
Col. Bosques de San Miguel II
66647 Apodaca N.L.
México

Manufacturer: SOLUCIONES DE ALTURA S.A. DE C.V.

Client orders: T/0744C and T/838A

Orders received: 26 May 2020 and 9 December 2020 respectively

Model: SA01LA123

Dates of tests: 23 June 2020 to 25 November 2020

Signed:



Steven Sum, Laboratory Manager

Issued: 28 December 2020

Test Report

Personal Fall Arrest Equipment ANSI/ASSE Z359.11-2014 Full Body Harness

Report no: 2.20.12.06

Client: SOLUCIONES DE ALTURA S.A. DE C.V.
Autopista de Aeropuerto #104
Col. Bosques de San Miguel II
66647 Apodaca N.L.
México.

Manufacturer: SOLUCIONES DE ALTURA S.A. DE C.V.

**Client orders and
Dates received:** T/0744C (26 May 2020)
T/0815A (16 November 2020)

Model: 134000-K, 133000-KD, 133000-KND
134000-K/C, 133000-KD/C, 133000-KND/C

Dates of tests: 23 June 2020 to 25 November 2020, and 3 December 2020

Signed:



Steven Sum, Laboratory Manager

Issued: 4 December 2020



INTERTEK TEST REPORT

December 22, 2020

SOLUCIONES DE ALTURA S.A DE C.V
RICARDO ACOSTA VALDERRAMA
Autopista de Aeropuerto #104
Col. Bosques de San Miguel II
66647 Apodaca N.L. México

Intertek Test Report Number: 104513137CRT-006
Original Test Report Number: G102121307CRT-004
Intertek Signed Quote Number (s): 500578356
Product Type: Energy Absorbing Lanyard
Product Models: SEE LAST PAGE
Type of Testing Entity: Third Party Testing Laboratory
Test Standard(s): ANSI/ASSE Z359.13-2013, ANSI/ASSE A10.32-2010, OSHA 1926
Manufacturer's Name and Address: Same as addressee
Evaluation/Testing Location: Intertek, 3933 US Rte 11, Cortland NY 13045 **
Date(s) of Testing: 3/11/15-3/13/15

Intertek has completed the evaluation of your energy absorbing lanyard model SEE PAGE BELOW, to the client specified sections of, American National Standard, Safety Requirements for Personal Energy Absorbers and Energy Absorbing Lanyards, ANSI/ASSE Z359.13-2013. The above listed product model has also been found to meet or exceed the requirements of ANSI/ASSE A10.32-2010 and OSHA 1926. The test samples were received on 2/9/15 in pristine condition. The results of these tests are as indicated below.

Table with 4 columns: Tests Completed, Test Date, ANSI/ASSE Z359.13-2013 Clause, Pass/Fail. Rows include Design Requirements, Activation Force, Dynamic Performance (Ambient, Wet, Hot, Cold), and Markings.

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,

Reviewed by,

Handwritten signature of Andrew Rulison

Handwritten signature of Chad Morey

Andrew Rulison
Technician 1
Performance Group

Chad Morey
Engineer
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."

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Intertek, Inc.

3933 US Route 11, Cortland, NY 13045 USA
Telephone: +1 607-753-6711 Fax: +1 607-756-9891 Web: www.intertek.com



INTERTEK TEST DATA SHEETS

Client:	<u>SOLUCIONES DE ALTURA S.A DE C.V</u>	Engineer:	<u>Chad Morey</u>
Job No.:	<u>104513137CRT-006</u>	Tested By:	<u>Andrew Rulison</u> AR <u>3/13/15</u>
Product:	<u>Energy Absorbing Lanyard</u>	Reviewed By:	<u>Chad Morey</u> CM <u>5/8/15</u>
Model No.:	<u>SEE PAGE BELOW</u>	Standard:	<u>ANSI/ASSE Z359.13-2013, ANSI A10.32-2010 and OSHA 1926</u>
Sample C/N:	<u>CRT1502091407-001-005</u>	TRANSCRIBED TEST DATA	

Model Numbers

211000
211000-G
211000-A
211000-AG
215000-K
215000-KG
215000-AK
215000-AKG
215000-KND
215000-KNGD
215000-AKND
215000-AKNGD
215000-K/C
215000-KG/C
215000-AK/C
215000-AKG/C
215000-KND/C
215000-KNGD/C
215000-AKND/C
215000-AKNGD/C



INTERTEK TEST REPORT

December 22, 2020

SOLUCIONES DE ALTURA S.A DE C.V
RICARDO ACOSTA VALDERRAMA
Autopista de Aeropuerto #104
Col. Bosques de San Miguel II
66647 Apodaca N.L. México

Intertek Test Report Number: 104513137CRT-009
Original Test Report Number: G102121307CRT-005
Intertek Signed Quote Number (s): 500578356
Product Type: Energy Absorbing Lanyard
Product Models: SEE PAGE BELOW
Type of Testing Entity: Third Party Testing Laboratory
Test Standard(s): ANSI/ASSE Z359.13-2013, ANSI/ASSE A10.32-2010, OSHA 1926
Manufacturer's Name and Address: Same as addressee
Evaluation/Testing Location: Intertek, 3933 US Rte 11, Cortland NY 13045 **
Date(s) of Testing: 3/11/15-3/13/15

Intertek has completed the evaluation of your energy absorbing lanyard model SEE PAGE BELOW, to the client specified sections of, American National Standard, Safety Requirements for Personal Energy Absorbers and Energy Absorbing Lanyards, ANSI/ASSE Z359.13-2013. The above listed product model has also been found to meet or exceed the requirements of ANSI/ASSE A10.32-2010 and OSHA 1926. The test samples were received on 2/9/15 in pristine condition.

The results of these tests are as indicated below.

Table with 4 columns: Tests Completed, Test Date, ANSI/ASSE Z359.13-2013 Clause, Pass/Fail. Rows include Design Requirements, Activation Force, Dynamic Performance (Wet/Cold), and Markings.

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,

Signature of Andrew Rulison

Andrew Rulison
Technician 1
Performance Group

Reviewed by,

Signature of Chad Morey

Chad Morey
Engineer
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."

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INTERTEK TEST DATA SHEETS

Client:	<u>SOLUCIONES DE ALTURA S.A DE C.V</u>	Engineer:	<u>Chad Morey</u>
Job No.:	<u>104513137CRT-009</u>	Tested By:	<u>Andrew Rulison</u> AR <u>3/13/15</u>
Product:	<u>Energy Absorbing Lanyard</u>	Reviewed By:	<u>Chad Morey</u> CM <u>5/8/15</u>
Model No.:	<u>SEE PAGE BELOW</u>	Standard:	<u>ANSI/ASSE Z359.13-2013, ANSI A10.32-2010 and OSHA 1926</u>
Sample C/N:	<u>CRT1502091407-001-005</u>	TRANSCRIBED TEST DATA	

Model Numbers

212000
212000-G
212000-A
212000-AG
216000-K
216000-KG
216000-AK
216000-AKG
216000-KND
216000-KNGD
216000-AKND
216000-AKNGD
216000-K/C
216000-KG/C
216000-AK/C
216000-AKG/C
216000-KND/C
216000-KNGD/C
216000-AKND/C
216000-AKNGD/C

Test Report

Personal Fall Arrest Equipment ANSI/ASSE Z359.3-2019 Lanyards and Positioning Lanyards

Report no: 2.20.12.02

Client: SOLUCIONES DE ALTURA S.A. DE C.V.
Autopista de Aeropuerto #104
Col. Bosques de San Miguel II
66647 Apodaca N.L.
México

Manufacturer: SOLUCIONES DE ALTURA S.A. DE C.V.

**Client orders and
Dates received:** T/0744C (26 May 2020)
T/0815A (16 November 2020)

Models: 41100, 41100-A, 411000-A47, 41100-ATE, 415000-AKC,
415000-AK, 415000-AKND, 415000-AKC/C, 415000-AK/C
and 415000AKND/C

Dates of tests: 9 July 2020 to 23 November 2020

Signed:



Steven Sum, Laboratory Manager

Issued: 2 December 2020



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Email: testing@inspec.asia Website: www.inspec-international.com
Tel: +86 (512) 5011 2646 Fax: +86 (512) 5011 2656

Test Report

Personal Fall Arrest Equipment ANSI Z359.18-2017 Anchorage Connectors

Report no: 2.20.12.08

Client: SOLUCIONES DE ALTURA S.A. DE C.V.
Autopista de Aeropuerto #104
Col. Bosques de San Miguel II
66647 Apodaca N.L.
México

Manufacturer: SOLUCIONES DE ALTURA S.A. DE C.V.

**Client orders and
Dates received:** T/0744C (26 May 2020)
T/0815A (16 November 2020)

Models: 311000, 313000, 321000, 311000-D, 313000-D
314000-K, 314000-KND, 314000-K/C, 314000-KND/C

Dates of tests: 6 July 2020 to 18 November 2020

Signed:

Steven Sum, Laboratory Manager

Issued: 4 December 2020