Protección contra caídas

Arnés Multipropósito Dieléctrico con faja lumbar y silla

Descripción:

Arnés cuerpo entero en “H”, dieléctrico, fabricado en poliéster de 45 mm de ancho, correas de alta resistencia y ajustables, agarre pectoral, torso y piernas; hebillas automáticas y ligeras. Posee cinturón lumbar alcolchado (faja) para silla, que proporciona confort en largas jornadas de trabajo posicionado. Posee seis (6) argollas en "D" no conductoras, forradas con un camuchón, para enganches y ajuste.
Material: Fibra polyester, revestimiento en PVC, herrajes en acero.
Cumple con los estándares de normativa ANSI de alto impacto. ANSI Z359.1 (2007) / CE EN 361.

Presentación

Código: NS9300009
Color: Azul con negro
Unidad de Empaque: 1
Presentación: Bolsa
Caja Master: 5 Unidades

Características y usos:

El arnés multipropósito de cuerpo entero en “H”, es usado como un componente de un sistema de restricción para prevenir que el usuario llegue a la zona de caída libre, posee (faja) cinturón lumbar acolchado y silla que brinda mejor comodidad en caso de largos periodos de tiempo en suspensión, cuatro (6) argollas en “D” recubiertas de material no conductor (dieléctrico), una (1) dorsal para detención de caídas, una (1) frontal para ascenso y descenso controlado, dos (2) laterales ubicadas en las caderas para usar con lineas de sujeción regulables o de posicionamiento y dos (2) adicionales. Deben ser usados por una persona con un peso Combinado (ropa, herramientas, zapatos) no mayor a 140 Kg. resistencia estática en conjunto de 22.2 KN (5.000 lb.). Deben ser usados con eslingas de punto de anclaje en reata para conservar sus propiedades de baja conductividad. Es ideal para usar en trabajos del sector eléctrico; postes, torres de telecomunicaciones, redes, mantenimiento de luminarias, carros con canastillas o aplicaciones con este tipo de riesgo.

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Test Report

Personal Fall Arrest Equipment
ANSI Z359.1-2007 : Harness

Report no:	2.15.02.03
Client:	Nara Safe Ltd Unit A & B, 15/F Neich Tower, 128 Gloucester Road, Wanchai, Hong Kong
Manufacturer:	Nara Safe Ltd Unit A & B, 15/F Neich Tower, 128 Gloucester Road, Wanchai, Hong Kong
Client order:	Purchase order 141114
Order received:	18 November 2014
Model:	NS9300009
Dates of tests:	28 January 2015 to 2 February 2015

Signed:

Steven Sum, Laboratory Manager

Issued: 13 February 2015

Conditions

This report may be reproduced and distributed to your clients, provided that it is reproduced and distributed in full.

Specimens will be disposed of four weeks from the date of this report, unless otherwise instructed.

Opinions, comments and interpretations expressed in this report are shown in italics.

Copies of INSPEC interpretations referenced in this report are available upon request.

Tests marked ☒ are not included in our ACLASS Scope of Accreditation.

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http://inspec-international.com/ToB.pdf

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Summary of assessment*

Clause	Requirement	Assessment (See Key)
3.2.1.4	Carabiner & snaphook, if fitted	
3.2.1.5	Hardware, as appropriate	
3.2.2.1	Materials and Construction	
3.2.2.2	Straps	
3.2.2.3	Thread and Stitching	
3.2.2.4	Fit and fall arrest attachment	
3.2.2.5	Other attachment elements	
3.2.2.6	Static strength	Pass
3.2.2.7	Dynamic performance	Pass
5.1 / 5.2	Marking	
5.3 / 5.4	Information	

Key

	Shading shows the clauses requested. Any other clauses were not requested.
Pass	Requirement satisfied.
Ltd	Testing requested was insufficient completely to verify compliance with the clause. Refer to the "Result details" section for more information.
Fail	Requirement not satisfied. Refer to the "Result details" section for more information.
NAs	Assessment not carried out.
NAp	Requirement not applicable.
NT	Requested but not tested due to early termination following failure.

* Assessment relates only to those specimens which were tested and are the subject of this report.

Submission details

Product	Quantity	Date received	INSPEC specimen no. (2B151 +)
Full body harness, model NS9300009	04	24 January 2015	01 to 04

Procedures

The specimens detailed within the submissions above were used for the tests covered by this report.

Testing was performed in accordance with ANSI Z359.1-2007 unless otherwise specified below. Reference should be made to the standard when reading this report.

Unless stated otherwise, specimens were tested in the condition as received by INSPEC.

Testing was performed at INSPEC's laboratory in Kunshan, China.

Result details

3.2 Component and Element Requirements

3.2.2 Full Body Harness Component

3.2.2.6 Static test

Specimen 2B15101 was assessed.

During the static strength test, the test torso was not released from the harness. Pass

During the static strength test, the buckles and adjusters did not slip. Pass

3.2.2.6a Static test

Specimen 2B15102 was assessed.

The specimen was equipped with a front-mounted fall arrest attachment element.

During the static strength test, the test torso was not released from the harness. Pass

During the static strength test, the buckles and adjusters did not slip. Pass

3.2.2.7 Dynamic performance test

During the dynamic performance test, feet-first drop, the test torso was not released from the harness of specimen 2B15103 and no load bearing element broke or separated from the body support. Pass

The test torso remained suspended for the five minutes immediately following the drop. Pass

During this period, the angle between the longitudinal centre line of the test torso and the vertical was 8 degrees. This value is less than the maximum 30 degrees permitted. Pass

During the dynamic performance test, head-first drop, the test torso was not released from the harness of specimen 2B15103 and no load bearing element broke or separated from the body support. Pass

The test torso remained suspended for the five minutes immediately following the drop. Pass

During this period, the angle between the longitudinal centre line of the test torso and the vertical was 10 degrees. This value is less than the maximum 30 degrees permitted. Pass

3.2.2.7a Dynamic performance test

The specimen was equipped with a front-mounted fall arrest attachment element.

During the dynamic performance test, feet-first drop, the test torso was not released from the harness of specimen 2B15104 and no load bearing element broke or separated from the body support.	Pass
The test torso remained suspended for the five minutes immediately following the drop.	Pass
During this period, the angle between longitudinal centre line of the test torso and the vertical was 13 degrees. This value is less than the maximum 30 degrees permitted.	Pass

Estimates of the uncertainty of measurement

Clause	Test	Uncertainty
3.2.1.4	Carabiner & snaphook, if fitted	See report
3.2.1.5	Hardware, as appropriate	See report
3.2.2.1	Materials and Construction	-
3.2.2.2	Strap width	±0.59mm
	Tensile test	±0.7%
3.2.2.3	Thread and Stitching	-
3.2.2.4	Fit and fall arrest attachment	-
3.2.2.5	Other attachment elements	-
3.2.2.6	Static strength	±3.6%
3.2.2.7	Dynamic performance	*
5.1 / 5.2	Marking	-
5.3 / 5.4	Information	-

* The acceptance criterion for this test is a straightforward "Pass/Fail", rather than a numerical value. Consequently, as there is no value to be reported, uncertainty has not been reported either.

Values expressed as a percentage (%) are relative.

It should be noted that the above values have not been taken into account when making assessment to the pass/fail criteria.

ANNEX

This Annex comprises one section.

1. Photograph of the product tested. (1 page)

Nara Safe Ltd –
Full body harness, model NS9300009

INSPEC Testing Services' specimen 2B15101

26 January 2015