

Test Performance Form QD	Test Number(s):	DT2014-200	DT2014-201
Document Owner: QSI Ltd	Approved For Use By General Manager	Last Modified:	



Print Date:1/09/2015	Reference Number	QSI1/09/2015-1	
Department:Height Safety	Test Number	DT2014-200	DT2014-201

Client: Safe Defence
92 Annett Road
RD1-Kumeu
Auckland

Client Reference: safedefence@xtra.co.nz

Test Specification: Compliance test to Appendix D of AS/NZS 1891.1:2007, (Amendment No.2)
Industrial fall arrest systems and devices, Part 1 :Harness and ancillary equipment.

Test Items: 1(ONE) MILITARY FULL BODY HARNESS
2(TWO) 2M LANYARDS

Date of Test: 26/11/14

Checked by: Jason Myburgh **Date:** 1/09/2015
Quality Laboratory Manager

Prepared & approved by: Craig McLaren **Date:** 1/09/2015
Height Safety

IANZ Accredited Signatory

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Aim

This test was done in order to determine the compliance of the Military Harness of the Safe Defence product range, with the dynamic test requirements of AS/NZS 1891.1:2007

The following table covers the test program conducted;

Designation	Test	Description
HEAD UP	COMPLIANCE TO APPENDIX D	DT2014-200 - 3.8M HEAD UP DYNAMIC DROP TEST
HEAD DOWN	COMPLIANCE TO APPENDIX D	DT2014-201 - 3.8M HEAD DOWN DYNAMIC DROP TEST

Conclusion

The Safe Defence Harness was able to demonstrate compliance with dynamic tests requirements of appendix D of AS/NZS 1891.1:2007 when tested .

Test Number:

DT2014-200

Assessment:

DT2014-200 - The Military Full Body Harness sucessfully passed the Head Up Dynamic drop test with no visible damage.

Test Number:

DT2014-201

Assessment:

DT2014-201- The Military Full Body Harness sucessfully passed the Head Down Dynamic drop test with no visible damage.

Test Number:

Assessment:

Test Number:

Assessment:

Comments:

This Dynamic test program covers Clause 3.4.2(a) (i), (ii), (iii) and (iv) of AS/NZS 1891.1:2007, which also corresponds to the Testing Required section of a visual Examination.

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Appendix 1

Specimen #	Description	Model	SERIAL #	DOM
2014-11-26-1	FULL BODY HARNESS	MILITARY	SAMPLE	Nov-14
2014-11-26-2	2M LANYARD	ROPE	SAMPLE	Nov-14
2014-11-26-1	FULL BODY HARNESS	MILITARY	SAMPLE	Nov-14
2014-11-26-3	2M LANYARD	ROPE	SAMPLE	Nov-14

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Appendix 2 TEST RESULT DETAILS

Test Number	Specimen Numbers	Device Attch Point	Release Attch Point	Drop Height	Drop Force
DT2014-200	2014-11-26-1	FRONT	NECK	3.8m	11.66kN
	2014-11-26-2				
DT2014-201	2014-11-26-1	FRONT	GROIN	3.8m	11.57kN
	2014-11-26-3				

Test Number	Movement At Adjustable Point						
	Thigh		Shoulder		Body Belt	Chest Strap	Back Buckle
	Left	Right	Left	Right			
DT2014-200	0	0	0	0	0	0	0
DT2014-201	0	0	0	0	0	0	0

Test Number	Slippage Assessment	Dummy Remained Securely Suspended Assesment	Hardware, Webbing and Stitching
DT2014-200	PASS	PASS	PASS
DT2014-201	PASS	PASS	PASS

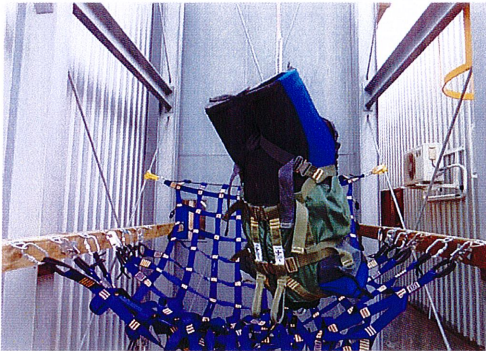
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Appendix 1

DT2014-200 Head Up Dynamic Test



DT2014-201 Head Down Dynamic Drop Test



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Appendix 2

DT2014-200 Military Full Body Harness 3.8m Dynamic Test

A&D Company, Limited

Auto-Scaling
 Data Time

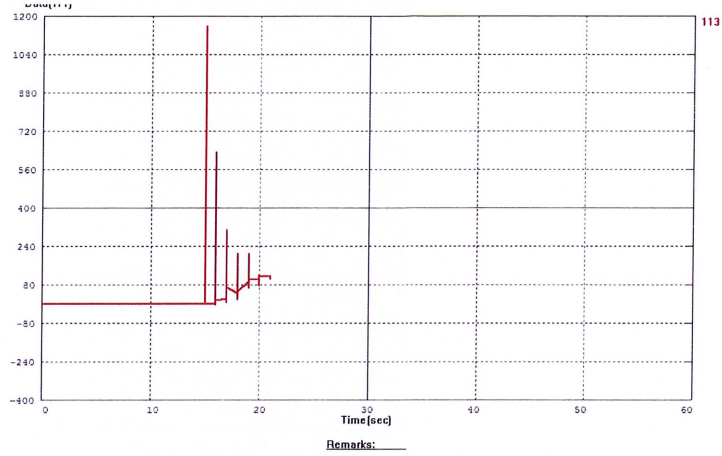
Repeat/Auto Stop
 Repeat 5 seconds
 Auto Stop 0 minutes

Command Data
 Q

Received Data

Start Command

No.	Time	Header	Data	U
217	14:05:57	WT	+0000000	
218	14:05:57	WT	+0000000	
219	14:05:57	WT	+0000000	
220	14:05:57	WT	+0000001	
221	14:05:57	WT	+0000000	
222	14:05:57	WT	+0000000	
223	14:05:57	WT	+0000000	
224	14:05:58	WT	+0000000	
225	14:05:58	WT	+0000000	
226	14:05:58	WT	+0000000	
227	14:05:58	WT	+0000000	
228	14:05:58	WT	+0000001	
229	14:05:58	WT	+0000000	
230	14:05:58	WT	+0000000	
231	14:05:58	WT	+0000000	
232	14:05:58	WT	+0000000	
233	14:05:58	WT	+0000000	
234	14:05:58	WT	+0000000	



DT2014-201 Military Full Body Harness 3.8m Dynamic Test

A&D Company, Limited

Auto-Scaling
 Data Time

Repeat/Auto Stop
 Repeat 5 seconds
 Auto Stop 0 minutes

Command Data
 Q

Received Data

Start Command

No.	Time	Header	Data	U
460	14:14:32	WT	+0000955	
461	14:14:32	WT	+0001180	
462	14:14:32	WT	+0000286	
463	14:14:32	WT	+0000052	
464	14:14:32	WT	+0000143	
465	14:14:33	WT	+0000248	
466	14:14:33	WT	+0000228	
467	14:14:33	WT	+0000029	
468	14:14:33	WT	+0000005	
469	14:14:33	WT	+0000002	
470	14:14:33	WT	+0000002	
471	14:14:33	WT	+0000002	
472	14:14:33	WT	+0000001	
473	14:14:33	WT	+0000002	
474	14:14:33	WT	+0000000	
475	14:14:33	WT	+0000002	
476	14:14:33	WT	+0000001	
477	14:14:33	WT	+0000000	

