

Veneta Engineering s.r.l.
 37135 VERONA Via Lovanio 8/10
 Telefono 0458200948 telefax 0458201982
 www.venetaengineering.it

Organismo notificato di certificazione europea n. 0505
 Macchine - Ascensori - Recipienti semplici a pressione - Rumore
 Organismo d'ispezione di tipo "A" Impianti elettrici

9101
VERIFICA
ATTREZZATURE
DALAVORO

Laboratorio di Prove

Authorized by Ministero delle Sviluppo Economico on 15 Jan. 2006 pursuant to articles 10 & 11 part A of EEC Directive 89/687/EEC "PE-Personal Protective Equipment" dated 01 Jan. 08 (G.U. no. 24 of 29 Jan. 08)

To:
 HB SECURITY S.R.L.
 VIA DELL ADIGE, 5
 CORTACCIA (BZ)

TEST REPORT No. 292/EN VAR	date: 03/04/2012	ORIGINAL
Acceptance record no. 79788	date: 27/02/12	
TESTS ON ANCHOR DEVICES - PROTECTION AGAINST FALL FROM A HEIGHT		EN 795 P9101 -

dates: test start 29/03/2012 test end 29/03/2012 sample
samples delivered SAFETY LINE H-60--

REF. (as declared by client)	MARKET NAME SAFETY LINE H-60
	CHARACTERISTICS
	SAMPLING SITE

GENERAL DATA	DECLARED CLASS C anchor devices that use flexible horizontal safety lines (POINT 4.3)
	FIXING BASE FIXED WITH 6 M12 BOLTS depth 60 mm on steel plate
	TOTAL L 100 m - TEST CARRIED OUT AT 5 m MULTI SPAN
	OVERHANG FROM BASE 600mm WITH FIXED SECTION
	LOAD APPLICABLE WITH TENSIONER AND SPRING
PROTOTYPE - tests on prototype	



NOTE: REPLACEMENT OF SPRING and of every damaged element AT EACH TEST

NOTE: REPLACE SPRING and every damaged element AFTER EVERY RESCUE INTERVENTION

inspections, measures and tests carried out

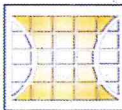
inspections	markings found on sample under inspection NONE
tests	STATIC resistance test point 5,2,4 TEST PASSED
	anchoring structure steel
	applied force kN 6 declared value 4 OK (FORCE APPLIED IN THE DIRECTION IN WHICH SAID FORCE CAN BE APPLIED DURING OPERATION)
	application time min 3 minimum 3 OK
	THE DEVICE HOLDS THE LOAD static test outcome: OK
	DYNAMIC resistance test point 5,3,4,3 TEST PASSED
	anchoring structure steel
	falling mass kg 100 std value 100 OK
	developed force kN 13,86 minimum 12 OK
	THE MASS HAS BEEN ARRESTED BY THE DEVICE dynamic resistance test outcome: OK
	DYNAMIC performance test point 5,3,4,2 TEST PASSED
	anchoring structure steel
	falling mass kg 100 std value 100 OK
	developed force kN 7,45 minimum 6 OK
	horizontal distance mm 300 maximum 300 OK
developed force on the anchor line (*) kN 12,45 8,81 11,3 OK 8,5 OK	
line sag at point matching with anchor point mm 815 declared by manufacturer: 686 OK	
(*) both force measurement devices were applied after at least one angled passage. dynamic performance test outcome: OK	

ANALYSIS OUTCOMES STATIC TEST: **PASSED** DYNAMIC TEST: **PASSED**

THE OVERALL OUTCOME OF THE TESTS CONFIRMS THE DECLARED CLASS (C)
NOTES NV = not evaluated NC = not compliant

the experimenter
 Cardinetti ing. Angelo

the head of laboratory
 dott.ing. Loris Turella



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To:
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VIA DELL ADIGE, 5
CORTACCIA (BZ)

TEST REPORT No. 292/EN VAR	date: 03/04/2012	ORIGINAL
Acceptance record no. 79788	date: 27/02/12	
TESTS ON ANCHOR DEVICES - PROTECTION AGAINST FALL FROM A HEIGHT		EN 795 P9101 -

dates: test start 29/03/2012 test end 29/03/2012 sample
samples delivered SAFETY LINE H-60-

REF. (as declared by client)	MARKET NAME SAFETY LINE H-60
	CHARACTERISTICS
	SAMPLING SITE

DECLARED CLASS (POINT 4,3)	C	anchor devices that use flexible horizontal safety lines
GENERAL DATA	FIXING BASE FIXED WITH 6 M12 BOLTS depth 60 mm on steel plate	
	TOTAL L 100 m - TEST CARRIED OUT AT 15 m MULTI SPAN	
	OVERHANG FROM BASE 600mm WITH FIXED SECTION	
	LOAD APPLICABLE WITH TENSIONER AND SPRING	
	PROTOTYPE - tests on prototype	
NOTE: REPLACEMENT OF SPRING AT EACH TEST		
NOTE: REPLACE SPRING AFTER EVERY RESCUE INTERVENTION		



inspections, measures and tests carried out

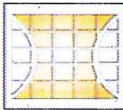
inspections	markings found on sample under inspection	NONE		
tests	STATIC resistance test		point 5,2,4	TEST PASSED
	anchoring structure		steel	
	applied force	kN	6	declared value 4 OK
	<small>(FORCE APPLIED IN THE DIRECTION IN WHICH SAID FORCE CAN BE APPLIED DURING OPERATION)</small>			
	application time	min	3	minimum 3 OK
	THE DEVICE	HOLDS	THE LOAD	static test outcome: OK
	DYNAMIC resistance test		point 5,3,4,3	TEST PASSED
	anchoring structure		steel	
	falling mass	kg	100	std value 100 OK
	developed force	kN	12	minimum 12 OK
	THE MASS	HAS	BEEN ARRESTED BY THE DEVICE	dynamic resistance test outcome: OK
	DYNAMIC performance test		point 5,3,4,2	TEST PASSED
	anchoring structure		steel	
	falling mass	kg	100	std value 100 OK
	developed force	kN	6,41	minimum 6 OK
	horizontal distance	mm	295	maximum 300 OK
	developed force on the anchor line (*)	kN	14,95	13,28 OK
	line sag at point matching with anchor point	mm	1075	declared by manufacturer: 1020 OK
<small>(*) both force measurement devices were applied after at least one angled passage.</small>				
dynamic performance test outcome: OK				

ANALYSIS OUTCOMES STATIC TEST: **PASSED** DYNAMIC TEST: **PASSED**

THE OVERALL OUTCOME OF THE TESTS		CONFIRMS THE DECLARED CLASS (C)
NOTES	NV = not evaluated	NC = not compliant

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ing. Angelo Cardinetti

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dates: test start 29/03/2012 test end 29/03/2012 sample
samples delivered SAFETY LINE H-60--

REF. (as declared by client)	MARKET NAME SAFETY LINE H-60
	CHARACTERISTICS
	SAMPLING SITE

GENERAL DATA	CLASS DECLARED C anchor devices that use flexible horizontal safety lines (POINT 4.3)
	FIXING BASE FIXED WITH 6 M12 BOLTS depth 60 mm on steel plate
	LIGHT FROM 5 TO 15 m - TEST CARRIED OUT AT 5 m SINGLE SPAN
	OVERHANG FROM BASE 600mm WITH FIXED SECTION
	LOAD APPLICABLE WITH TENSIONER AND SPRING
	PROTOTYPE - tests on prototype
NOTE: REPLACEMENT OF SPRING AT EACH TEST	
NOTE: REPLACE SPRING AFTER EVERY RESCUE INTERVENTION	



inspections, measures and tests carried out

inspections	markings found on sample under inspection NONE
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tests	STATIC resistance test point 5,2,4 TEST PASSED			
	anchoring structure	steel		
	applied force	KN 6	declared value 4	OK
	(FORCE APPLIED IN THE DIRECTION IN WHICH SAID FORCE CAN BE APPLIED DURING OPERATION)			
	application time	min 3	minimum 3	OK
	THE DEVICE	HOLDS	THE LOAD	static test outcome: OK

tests	DYNAMIC resistance test point 5,3,4,3 TEST PASSED			
	anchoring structure	steel		
	falling mass	kg 100	std value 100	OK
	developed force	KN 15,75	minimum 12	OK
	THE MASS	HAS	BEEN ARRESTED BY THE DEVICE	dynamic resistance test outcome: OK

tests	DYNAMIC performance test point 5,3,4,2 TEST PASSED			
	anchoring structure	steel		
	falling mass	kg 100	std value 100	OK
	developed force	KN 7,14	minimum 6	OK
	horizontal distance	mm 295	maximum 300	OK
	developed force on the anchor line	KN 17,85	18,62	OK
	line sag at point matching with anchor point	mm 405	declared by manufacturer: 490	OK
	dynamic performance test outcome: OK			

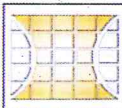
ANALYSIS OUTCOMES	STATIC TEST: PASSED	DYNAMIC TEST: PASSED
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THE OVERALL OUTCOME OF THE TESTS CONFIRMS THE DECLARED CLASS (C)

NOTES NV = not evaluated NC = not compliant

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CLASS DECLARED (POINT 4,3)	C	anchor devices that use flexible horizontal safety lines
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	PROTOTYPE - tests on prototype	
NOTE: REPLACEMENT OF SPRING AT EACH TEST		
NOTE: REPLACE SPRING AFTER EVERY RESCUE INTERVENTION		



inspections, measures and tests carried out

inspections	markings found on sample under inspection NONE
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tests	STATIC resistance test point 5,2,4		TEST PASSED	
	anchoring structure steel			
	applied force	kN 6	declared value 4	OK
	<small>(FORCE APPLIED IN THE DIRECTION IN WHICH SAID FORCE CAN BE APPLIED DURING OPERATION)</small>			
	application time	min 3	minimum 3	OK
THE DEVICE HOLDS		THE LOAD	static test outcome: OK	

tests	DYNAMIC resistance test point 5,3,4,3		TEST PASSED	
	anchoring structure steel			
	falling mass	kg 100	std value 100	OK
	developed force	kN 12	minimum 12	OK
	THE MASS HAS	BEEN ARRESTED BY THE DEVICE		dynamic resistance test outcome: OK

tests	DYNAMIC performance test point 5,3,4,2		TEST PASSED	
	anchoring structure 0			
	falling mass	kg 100	std value 100	OK
	developed force	kN 6,59	minimum 6	OK
	horizontal distance	mm 300	maximum 300	OK
	developed force on the anchor line	kN 19,59	19,18	OK
	line sag at point matching with anchor point	mm 1000	declared by manufacturer: 950	OK
				dynamic performance test outcome: OK

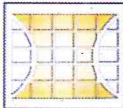
ANALYSIS OUTCOMES	STATIC TEST: PASSED	DYNAMIC TEST: PASSED
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