

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 - Fumiere
 Organismo d'ispezione di tipo "A" Impianti elettrici
Laboratorio di Prove

9101
VERIFICA
ATTREZZATURE
DALAVORO

Authorized by Ministero dello Sviluppo Economico on 18 Jan. 2009 pursuant to articles 10 & 11, part A of FEC Directive 89/686/FEC "PEE-Personal Protective Equipment" dated 01 Jan. 08 (G.U. n. 24 of 29 Jan. 08)

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

TEST REPORT No. 294/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 26/03/2012 test end 26/03/2012 sample
samples delivered SAFETY LINE H-20--

REF. (as declared by client)	MARKET NAME SAFETY LINE H-20
	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 25 mm on steel plate
	TOTAL L 100 m - TEST CARRIED OUT AT 5 m MULTI SPAN
	OVERHANG FROM BASE 200mm 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 <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 12,02 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 7,39 minimum 6 OK
	horizontal distance mm 285 maximum 300 OK
developed force on the anchor line (*) kN 9,15 4,34 10,18 5 OK <small>declared by manufacturer:</small>	
line sag at point matching with anchor point mm 635 775 OK	
(*) both force measurement devices were applied after at least one angled passage. dynamic performance test outcome: OK	

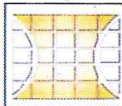
ANALYSIS OUTCOMES STATIC TEST: **PASSED** DYNAMIC TEST: **PASSED**

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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 Macchine - Ascensori - Recipienti semplici a pressione - Fomoro
 Organismo d'ispezione di tipo "A" Impianti elettrici

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Authorized by Ministero dello Sviluppo Economico on 15 Jan. 2008 pursuant to articles 10 & 11 part A of FEC Directive 89/656/FEC "PPE-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. 294/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 26/03/2012 test end 26/03/2012 sample
samples delivered SAFETY LINE H-20--

REF. (as declared by client)	MARKET NAME SAFETY LINE H-20
	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 25 mm on steel plate
	TOTAL L 100 m - TEST CARRIED OUT AT 15 m MULTI SPAN
	OVERHANG FROM BASE 200mm 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 (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 14,4 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 8,12 minimum 6 OK
horizontal distance mm 280 maximum 300 OK	
developed force on the anchor line (*) kN 11,35 2,78 declared by manufacturer: 13,94 2,8 OK	
line sag at point matching with anchor point mm 930 1110 OK	
(*) both force measurement devices were applied after at least one angled passage. dynamic performance test outcome: OK	

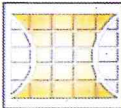
ANALYSIS OUTCOMES STATIC TEST: **PASSED** DYNAMIC TEST: **PASSED**

THE OVERALL OUTCOME OF THE TESTS CONFIRMS THE DECLARED CLASS (C)

NOTES NV = not evaluated NC = not compliant

the experimenter **ing. Angelo Cardinetti--**

the head of laboratory **dott.ing. Loris Turrella**



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Laboratorio di Prove

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DALAVORO

Authorized by Ministero dello Sviluppo Economico on 15 Jan. 2008 pursuant to articles 10 & 11 part A of EEC Directive 89/686/EEC, "PPE: 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. 294/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 26/03/2012 test end 26/03/2012 sample
samples delivered SAFETY LINE H-20--

REF. (as declared by client)	MARKET NAME SAFETY LINE H-20
	CHARACTERISTICS
	SAMPLING SITE

GENERAL DATA	DECLARED CLASS (POINT 4.3) C anchor devices that use flexible horizontal safety lines
	FIXING BASE FIXED WITH 6 M12 BOLTS depth 25 mm on steel plate
	LIGHT FROM 5 TO 15 m - TEST CARRIED OUT AT 5 m SINGLE SPAN
	OVERHANG FROM BASE 200mm 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 14,71 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 7,26 minimum 6 OK
	horizontal distance mm 280 maximum 300 OK
developed force on the anchor line kN 16,3 17,73 OK	
line sag at point matching with anchor point mm 485 declared by manufacturer: 496 OK	
dynamic performance test outcome: OK	

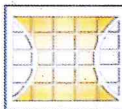
ANALYSIS OUTCOMES: STATIC TEST: **PASSED** DYNAMIC TEST: **PASSED**

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To:
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 CORTACCIA (BZ)

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Acceptance record no. 79788	date: 27/02/12	
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dates: test start 26/03/2012 test end 26/03/2012 sample
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REF. (as declared by client)	MARKET NAME SAFETY LINE H-20
	CHARACTERISTICS
	SAMPLING SITE

GENERAL DATA	DECLARED CLASS (POINT 4,3) C anchor devices that use flexible horizontal safety lines
	FIXING BASE FIXED WITH 6 M12 BOLTS depth 25 mm on steel plate
	LIGHT FROM 5 TO 15 m - TEST CARRIED OUT AT 15 m SINGLE SPAN
	OVERHANG FROM BASE 200mm 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 (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 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 0
	falling mass kg 100 std value 100 OK
	developed force kN 7,75 minimum 6 OK
	horizontal distance mm 295 maximum 300 OK
developed force on the anchor line kN 15,63 19,4 OK	
line sag at point matching with anchor point mm 1190 declared by manufacturer: 1005 OK	
dynamic performance test outcome: OK	

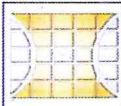
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To:
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 CORTACCIA (BZ)

TEST REPORT No.	294/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 26/03/2012	test end 26/03/2012	sample	
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REF. (as declared by client)	MARKET NAME SAFETY LINE H-20			
	CHARACTERISTICS			
	SAMPLING SITE			

