DALAVORO

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Laboratorio di Prove

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

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

29/03/2012 test end 29/03/2012 sample samples delivered SAFETY LINE H-60-MARKET NAME SAFETY LINE H-60 REF. (as declared by CHARACTERISTICS

client) SAMPLING SITE DECLARED

CLASS (POINT 4,3)

C

anchor devices that use flexible horizontal safety lines

GENERAL DATA

dates:

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	markings found on sample under	inspection N	ONE			
	STATIC resistance test		point 5,2,4		TEST PASSED	
	anchoring structure		steel			
	applied force	kN D IN THE DIRECTION	6 IN WHICH SAID F	declared value ORCE CAN BE APPLIED	4 DURING OPERATION)	ок
	application time	min	3	minimum	3	ok
	THE DEVICE	HOLDS	THE LOAD		static test outcome:	ОК
	DYNAMIC resistance test		point 5,3,4,3		TEST PASSED	
	anchoring structure		steel			
	falling mass	kg	100	std value	100	ОК
	developed force	kN	13,86	minimum	12	ок
tests	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	4 j.	steel			6 2 =
	falling mass	kg	100	std value	100	ок
	developed force	kN	7,45	minimum	6	OK
	horizontal distance	mm	300	maximum	300	ок
	developed force on the anchor line (*)	kN —	12,45		11,3	ок
			8,81		8,5	ОК
	line sag at point matching with anchor point	mm	815	declared by manufacture	er: 686	ок
	(*) both force measurement devices were applied after at least one a passage.			angled dynamic performance test outcome :		

ANALYSIS

STATIC TEST:

PASSED

NC = not compliant

DYNAMIC TEST:

PASSED

THE OVERALL OUTCOME OF THE TESTS

CONFIRMS THE DECLARED CLASS (C)

NV = not evaluated the experimenter Cardinetti ing. Angelo

the head of laboratory dott.ing. Loris Turella

9101
VERIFICA

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Laboratorio di Prove

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

TEST REPORT No. 292/EN VAR date: 03/04/2012
Acceptance record no. 79788 date: 27/02/12

TESTS ON ANCHOR DEVICES - PROTECTION AGAINST FALL FROM A HEIGHT

dates: test start 29/03/2012 test end 29/03/2012 sample

samples delivered SAFETY LINE H-60-MARKET NAME SAFETY LINE H-60 REF. (as declared by CHARACTERISTICS client) SAMPLING SITE DECLARED C anchor devices that use flexible horizontal safety lines CLASS (POINT 4,3) 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 GENERAL

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 STATIC resistance test TEST PASSED point 5,2,4 anchoring structure steel applied force ķΝ 6 declared value OK (FORCE APPLIED IN THE DIRECTION IN WHICH SAID FORCE CAN BE APPLIED DURING OPERATION) application time min 3 minimum OF THE DEVICE THE LOAD HOLDS static test outcome: OK **DYNAMIC** resistance test point 5,3,4,3 TEST PASSED anchoring structure steel falling mass 100 100 OF std value developed force 12 12 OF kN minimum dynamic resistance test outcome: THE MASS HAS BEEN ARRESTED BY THE DEVICE OK tests **DYNAMIC** performance test point 5,3,4,2 TEST PASSED anchoring structure steel falling mass 100 100 OK kg std value developed force kN 6,41 6 OK minimum horizontal distance 300 OK 295 mm maximum kN 13,28 OK 14,95 developed force on the anchor line (*) ок kN 5 5,86 declared by manufacturer: line sag at point matching with 1075 1020 OK anchor point (*) both force measurement devices were applied after at least one angled dynamic performance test outcome : OK

ANALYSIS

DATA

ALYSIS

PASSED

DYNAMIC TEST:

PASSED

THE OVERALL OUTCOME OF THE TESTS

NOTES NV = not evaluated NC = not compliant

STATIC TEST:

CONFIRMS THE DECLARED CLASS (C)

the experimenter ing. Angelo Cardinetti-

the head of laboratory dott.ing. Loris Turella

9101
SUPERIFICA
ATTREZZATIRE
PALAYORO

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Laboratorio di Prove

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

TEST REPORT No. **292/EN VAR** 03/04/2012 date: **ORIGINAL** Acceptance record no. 79788 27/02/12 **TESTS ON ANCHOR DEVICES - PROTECTION AGAINST EN 795** P9101 -**FALL FROM A HEIGHT** 29/03/2012 test end 29/03/2012 dates: sample samples delivered SAFETY LINE H-60-MARKET NAME SAFETY LINE H-60 REF. (as declared by CHARACTERISTICS client) SAMPLING SITE CLASS C anchor devices that use flexible horizontal safety lines DECLARED (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 GENERAL DATA 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 STATIC resistance test point 5,2,4 TEST PASSED anchoring structure steel applied force kN 6 declared value OK (FORCE APPLIED IN THE DIRECTION IN WHICH SAID FORCE CAN BE APPLIED DURING OPERATION) application time OK min 3 3 THE DEVICE THE LOAD OK HOLDS static test outcome: **DYNAMIC** resistance test point 5,3,4,3 TEST PASSED anchoring structure steel falling mass 100 std value 100 OK developed force 15,75 12 OF kN minimum dynamic resistance BEEN ARRESTED BY THE DEVICE tests THE MASS HAS OK **DYNAMIC** performance test point 5,3,4,2 TEST PASSED anchoring structure falling mass 100 OK ka developed force kN 7,14 6 OK horizontal distance 295 maximum 300 ОК mm developed force on the anchor kN 17,85 18,62 ОК line declared by manufacturer: line sag at point matching with mm 405 490 OK anchor point dynamic performance test outcome : OK

THE OVERALL OUTCOME OF THE TESTS

STATIC TEST:

PASSED

NC = not compliant

ANALYSIS

CONFIRMS THE DECLARED CLASS (C)

the experimenter ing. Angelo Cardinett

NV = not evaluated

the head of laboratory dott.ingl Loris Turella

DYNAMIC TEST:

PASSED

9101
VERIFICA

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Laboratorio di Prove

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

TEST REPORT No. 292/EN VAR date: 03/04/2012
Acceptance record no. 79788 date: 27/02/12

TESTS ON ANCHOR DEVICES - PROTECTION AGAINST FALL FROM A HEIGHT

EN 795 P9101 -

test start 29/03/2012 test end 29/03/2012 sample samples delivered SAFETY LINE H-60-MARKET NAME SAFETY LINE H-60 REF. (as declared by CHARACTERISTICS client) SAMPLING SITE CLASS C anchor devices that use flexible horizontal safety lines DECLARED (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 15 m SINGLE SPAN GENERAL DATA 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 STATIC resistance test TEST PASSED point 5,2,4 anchoring structure steel applied force 6 (FORCE APPLIED IN THE DIRECTION IN WHICH SAID FORCE CAN BE APPLIED DURING OPERATION) application time 3 minimum OK THE DEVICE HOLDS THE LOAD static test outcome: OK **DYNAMIC** resistance test TEST PASSED point 5,3,4,3 anchoring structure steel falling mass 100 std value 100 OK developed force kN 12 minimum 12 OH dynamic resistance tests THE MASS HAS BEEN ARRESTED BY THE DEVICE OK test outcome **DYNAMIC** performance test TEST PASSED point 5.3.4.2 anchoring structure 0 falling mass 100 kg std value 100 OF developed force 6,59 OH kN minimum 6 horizontal distance 300 mm 300 maximum ОК developed force on the anchor kN 19,59 19,18 OK declared by manufacture line sag at point matching with 1000 OF anchor point dynamic performance test outcome : OK

ANALYSIS

STATIC TEST:

PASSED

DYNAMIC TEST:

PASSED

THE OVERALL OUTCOME OF THE TESTS

NOTES NV = not evaluated NC = not compliant

CONFIRMS THE DECLARED CLASS (C)

the experimenter ing. Angelo Cardinetti.

the head of laboratory dott.ing. Loris Turella



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

Laboratorio di Prove

9101

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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 EN 795** P9101 -**FALL FROM A HEIGHT** test start 29/03/2012 test end 29/03/2012 sample samples delivered SAFETY LINE H-60--

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

