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Laboratorio di Pro
unuoni la cricles 10 & 11 pari A of EEC Directive 89/68.

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

TEST REPORT N Acceptance record no	Z) WEIT VIEW	date: 0	<b>3/04/2012</b> 27/02/12	ORIGINAL	
TESTS ON A	NCHOR DEVICES - P FALL FROM A HI	the same rate of the same and the same same same	AGAINST	EN 795	P9101 -

REF. (as declared by CHARACTERISTICS client) SAMPLING SITE DECLARED anchor devices that use flexible horizontal safety lines CLASS (POINT 4,3) FIXING BASE FIXED WITH 6 M12 BOLTS depth 25 mm on steel plate **GENERAL** DATA 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

INTERVEN		, measures	and tes	ts carried out	(*)	isei,			
inspections	markings found on sample unde		IONE						
	STATIC resistance test point 5,			2,4	,4 TEST PASSED				
	anchoring structure			steel					
	applied force	kN .	6	declared value	4	ок			
	(FORCE APPLIED IN THE DIRECTION IN WHICH SAID FORCE CAN BE APPLIED DURING OPERATION)								
	application time	min	3	minimum	3	ок			
	THE DEVICE	HOLDS		THE LOAD	static test outcome:				
	DYNAMIC resista	poin	it 5,3,4,3	TEST PASSED	/ E				
	anchoring structure		steel	F. 130 (1) 2 7 7 7 1	1.0				
	falling mass	kg	100	std value	100	ок			
tests	developed force	kN	12,02	minimum	12	ок			
	THE MASS HAS BEEN ARRE			Y THE DEVICE	dynamic resistance test outcome:	ок			
	DYNAMIC perform	poi	nt 5,3,4,2	TEST PASSED					
	anchoring structure		steel			7.4			
	falling mass	kg	100	std value	100	ок			
	developed force	kN	7,39	minimum	6	ОК			
	horizontal distance	mm	285	maximum	300	ок			
	developed force on the anchor	kN —	9,15	E. 4-11-1	10,18	ОК			
	line (*)	KIN	4,34		5	ОК			
	line sag at point matching with anchor point	mm	635	declared by manufacture	er: 775	ок			
	(*) both force measurement devices were applied after at least one angled passage.			dynamic performa	nce test outcome :	ОК			

ANALYSIS

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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Laboratorio di Prove

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 27/02/12 date **TESTS ON ANCHOR DEVICES - PROTECTION AGAINST EN 795** P9101 -**FALL FROM A HEIGHT** test start 26/03/2012 test end 26/03/2012 sample samples delivered SAFETY LINE H-20-MARKET NAME SAFETY LINE H-20 REF. (as declared by CHARACTERISTICS client) SAMPLING SITE DECLARED anchor devices that use flexible horizontal safety lines CLASS (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 GENERAL OVERHANG FROM BASE 200mm WITH FIXED SECTION DATA 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 applied force kN 6 declared value OK (FORCE APPLIED IN THE DIRECTION IN WHICH SAID FORCE CAN BE APPLIED DURING OPERATION) application time ОК min 3 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 12 ОК kN 14,4 minimum dvnamic resistance BEEN ARRESTED BY THE DEVICE THE MASS HAS OK tests **DYNAMIC** performance test point 5,3,4,2 TEST PASSED anchoring structure steel falling mass 100 kg developed force 8.12 OK horizontal distance mm 280 300 OK 11,35 OK developed force on the anchor line (\*) kN 2,8 OK 2,78 declared by manufacturer: line sag at point matching with mm 930 1110 OK anchor point (\*) both force measurement devices were applied after at least one angled dynamic performance test outcome : OK ANALYSIS STATIC TEST: PASSED DYNAMIC TEST: PASSED THE OVERALL OUTCOME OF THE TESTS CONFIRMS THE DECLARED CLASS (C) NC = not compliant NV = not evaluated

the experimenter ing. Angelo Cardinetti--

the head of laboratory dott.ing. Loris Turella Laboratorio di Prove

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

	cord no. 79788	294/EN V	VAR	date:	<b>03/04/2012</b> 27/02/12	ORIGIN	IAL
TESTS (	ON ANCHOR D		S - PROT A HEIGH		AGAINST	EN 795	P9101 -
dates:	test start 26/0	3/2012	test end	26/03/2012	sample		
samples	delivered SAFET	Y LINE H-20		1 7 6			
REF. (as	MARKET NAMI	E S	AFETY LINI	E H-20		= 8,	16
declared by	CHARACTERIST	ΓICS				—,	1500
client)	SAMPLING SI	ГЕ				2	
	DECLARED						
	CLASS (POINT 4,3)	C an	chor devices ti	nat use flexib	le horizontal safety	lines	
	FIXING BASE FIXED W	TH 6 M12 B	OLTS depth 25	mm on steel	plate	2	THE
GENERAL	LIGHT FROM 5 TO 15	m - TEST C	ARRIED OUT A	T 5 m SINGLE	SPAN		STATE OF
DATA	OVERHANG FROM BAS			CTION	- 10		1 1
	LOAD APPLICABLE WITH	TENSIONER A	AND SPRING				sales 1
	PROTOTYPE - tests on	prototype					
	NOTE: REPLAC	EMENT	OF SPRIN	IG AT EA	CH TEST		
	NOTE: REPLAC	E SPRIM	NG AFTER	EVERY	RESCUE INTI	ERVENTION	
				s and tes	sts carried ou	ıt	
nspections	markings found on sa			IONE			William Control
			tance test	point 5,2	steel	TEST PASS	SED
	anchoring stru	d force	kN	6	declared value	1	
					FORCE CAN BE APPLIED	DURING OPERATION)	
	application	on time	min	3	minimum	3	211,-54
	THE	DEVICE	HOLDS	TI	HE LOAD	static test outcome:	
	DYNAMI	C resistar	ce test	noint	5,3,4,3	TEST PASS	SED
	anchoring stru		ioo tost	point	steel		
		g mass	kg	100	std value	100	
	develope		kN	14,71	minimum	12	
tests	THE MASS	IAS	BEEN AF	RRESTED BY	THE DEVICE	dynamic resistance test outcome:	
	DYNAMIC	C perform	ance test	poin	t 5,3,4,2	TEST PAS	SED
	anchoring stru	The state of the s			steel	in analysis	
	-	g mass	kg	100	std value	100	100
	develope	d force	kN	7,26	minimum	6	in kg
	horizontal d	istance	mm	280	maximum	300	12 2 2 1
	developed force on th	e anchor	kN	16,3		17,73	
	line sag at point matcl	hing with hor point	mm	485	declared by manufacture	er: 496	
					dynamic performa	nce test outcome :	
							PASS

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the head of laboratory dott.ing. Loris Turella

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

	EPORT No. ecord no. 7978	294/EN 8	VAR	date:	<b>03/04/2012</b> 27/02/12	ORIC	SINAL	
TESTS (		OR DEVICE			N AGAINST	EN 795	P9101 -	
dates:	test star	t 26/03/2012	test end 2	26/03/2012	sample			
samples	delivered	SAFETY LINE H-20-			7 5 1 8			
REF. (as	MARKI	ET NAME S	SAFETY LINE	H-20	* 25			
declared by client)	CHARACTERISTICS							
Client)	SAMPL	ING SITE						
e	DECLARED CLASS (POINT 4,3)	C a	nchor devices th	at use flexil	ole horizontal safety	lines		
	FIXING BASE F	FIXED WITH 6 M12 I	BOLTS depth 25	mm on stee	l plate	100		
GENERAL	LIGHT FROM 5	TO 15 m - TEST 0	ARRIED OUT AT	15 m SING	LE SPAN			
DATA	OVERHANG FF	ROM BASE 200mm	WITH FIXED SEC	CTION			1 1 1	
	LOAD APPLICAB	LE WITH TENSIONER	AND SPRING		5 0 2 3		A I	
	PROTOTYPE -	tests on prototype					4 1	
	NOTE: RE	PLACEMENT	OF SPRIN	G AT EA	ACH TEST			
					RESCUE INT	FRVENTION		
	11012.112				sts carried ou			
inspections	markings for	and on sample under		ONE	- Variable Annual Control			
		STATIC resi	stance test	point 5,	2,4	TEST	PASSED	
	anchori	ng structure			steel			
		applied force	kN	6	declared value	4	C	
					FORCE CAN BE APPLIED			
	ар	plication time	min	3	minimum	3	C	
		THE DEVICE	HOLDS	1	HE LOAD	static test outcome:	O	
	D'	YNAMIC resista	nce test	poin	t 5,3,4,3	TEST	PASSED	
	anchori	ng structure			steel			
		falling mass	kg	100	std value	100	0	
	de	veloped force	kN	12	minimum	12	0	
tests	THE MASS	HAS	BEEN AR	RESTED BY	THE DEVICE	dynamic resistance test outcome:	OI	
	DY	NAMIC perforn	nance test	poii	nt 5,3,4,2	TEST	PASSED	
	anchori	ng structure		-147	0	inde ne		
		falling mass	kg	100	std value	100	O	
		veloped force	kN	7,75	minimum	6	0	
		ontal distance	mm	295	maximum	300	- 0	
		ce on the anchor ine	kN	15,63		19,4	C	
	line sag at poi	nt matching with anchor point	mm	1190	declared by manufacture	1005	O	
					dynamic performa	nce test outcome :	OI	
ANALYSIS OUTCOMES		STATIC TEST:	PASSED			DYNAMIC TEST:	PASSE	
THE OV	FRALL OUT	OME OF THE T	FSTS	CON	FIRMS THE DI	ECLARED CL	121224	

NC = not compliant NV = not evaluated

the experimenter ing. Angelo Cardinetti-

the head of laboratory dott.ing. Loris Turella



9101 VERIFICA ATTREZZATURE

PAG. 5 DI PAG. 5

Laboratorio di Prove

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

TEST REPORT No. Acceptance record no. 79788	294/EN VAR	date: 03/	<b>04/2012</b> 27/02/12	ORI	GINAL
TESTS ON ANCHO	R DEVICES - PRO LL FROM A HEIGI		GAINST	EN 795	P9101 -
dates: test start	26/03/2012 test end	26/03/2012	sample		
samples delivered s	AFETY LINE H-20		, i v <sub>e</sub> 2 l i i i		
DEE (as MARKET)	NAME SAFETY LIN	IE H-20			o.

