PROTOTYPE - tests on prototype

9101

VERIFICA
ATTREZSATURE
DA LAVORO

PAG. 1 DI PAG. 5

Laboratorio di Prove

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

TEST REPORT No. 293/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 -

dates: test start 21/03/2012 test end 21/03/2012 sample samples delivered SAFETY LINE H-50-MARKET NAME SAFETY LINE H-50 REF. (as declared by CHARACTERISTICS client) SAMPLING SITE DECLARED CLASS anchor devices that use flexible horizontal safety lines (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 500mm WITH FIXED SECTION LOAD APPLICABLE WITH TENSIONER AND SPRING

NOTE: REPLACEMENT OF SPRING and of every damaged element AT EACH TEST NOTE: REPLACE SPRING and every damaged element AFTER EVERY RESCUE INTERVENTION

					ts 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	4	0			
	(FORCE APPLIED IN THE DIRECTION IN WHICH SAID FORCE CAN BE APPLIED DURING OPERATION)									
	ар	plication time	min	3	minimum	3	. 0			
	THE DEVICE		HOLDS	THE LOAD		static test outcome:	OF			
tests	D,	nce test	point 5,3,4,3		TEST PASSED					
	anchoring structure				steel		5 4			
	* 1	falling mass	kg	100	std value	100	0			
	de	veloped force	kN	14,16	minimum	12	0			
	THE MASS HAS		BEEN ARRESTED BY THE DEVIC		THE DEVICE	dynamic resistance test outcome:	OF			
	DYNAMIC performance test			point 5,3,4,2		TEST PASS	SED			
	anchori	ng structure	steel		steel	X	- A			
		falling mass	kg	100	std value	100	OI			
	de	veloped force	kN	8,97	minimum	6	OI.			
	horizo	ontal distance	mm	290	maximum	300	OI			
	developed force on the anchor	kN	10,8		13,09	OI				
	line (*)		2,47		2,07	OI				
	line sag at point matching with anchor point			declared by manufacturer:						
		and the second s	mm	855		745	OF			
	(*) both force measurement devices were applied after passage.			ast one angled dynamic performance test outcome :			OH			

ANALYSIS

STATIC TEST:

PASSED

DYNAMIC TEST:

PASSED

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

NOTES NV = not evaluated NC = not compliant

the experimenter
Cardinetti ing. Angelo--

the head of laboratory dott.ing. Loris Turella

9101 VERIFICA

PAG. 2 DI PAG. 5

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

TEST REPORT No. **293/EN VAR** 03/04/2012 date: **ORIGINAL** Acceptance record no. 79788 date: 27/02/12 **TESTS ON ANCHOR DEVICES - PROTECTION AGAINST EN 795** P9101 -**FALL FROM A HEIGHT** dates: test start 21/03/2012 test end 21/03/2012 sample samples delivered SAFETY LINE H-50-MARKET NAME SAFETY LINE H-50 REF. (as declared by CHARACTERISTICS client) SAMPLING SITE

anchor devices that use flexible horizontal safety lines

(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 15 m MULTI SPAN

OVERHANG FROM BASE 500mm WITH FIXED SECTION

LOAD APPLICABLE WITH TENSIONER AND SPRING

C

PROTOTYPE - tests on prototype

DECLARED CLASS

NOTE: REPLACEMENT OF SPRING AT EACH TEST

NOTE: REPLACE SPRING AFTER EVERY RESCUE INTERVENTION

	inspection	s, measur	es and te	sts carried out					
inspections	markings found on sample under	inspection	NONE						
	STATIC resi	stance test	point 5,2,4		TEST PASSED				
	anchoring structure			steel		19			
	applied force	kN	6	declared value	4	0			
	(FORCE APPLIED IN THE DIRECTION IN WHICH SAID FORCE CAN BE APPLIED DURING OPERATION)								
	application time	min	3	minimum	3	0			
	THE DEVICE	HOLDS THE LOAD		HE LOAD	static test outcome:	Oł			
	DYNAMIC resista	point 5,3,4,3		TEST PASSED					
	anchoring structure			steel					
	falling mass	kg	100	std value	100	OI			
	developed force	kN	12	minimum	12	OI			
tests	THE MASS HAS	RRESTED BY THE DEVICE		dynamic resistance test outcome:	OF				
	DYNAMIC perform	nance test	point 5,3,4,2		TEST PASSEL				
	anchoring structure	steel		steel					
	falling mass	kg	100	std value	100	OI			
	developed force	kN	8,3	minimum	6	OI			
	horizontal distance	, mm	285	maximum	300	O			
	developed force on the anchor	. kN	13		13,97	OI			
	line (*)	kN	2,4		2,04	OI			
	line sag at point matching with anchor point	mm	1285	declared by manufacturer:	1118	OI			
	(*) both force measurement devices were applied after at least one angled passage.								

PASSED

NC = not compliant

ANALYSIS STATIC TEST:

PASSED

THE OVERALL OUTCOME OF THE TESTS

CONFIRMS THE CLASS DECLARED (C)

NV = not evaluated
the experimenter
ing. Angelo Cardinetti--

the head of laboratory dott.ing. Loris Turella

DYNAMIC TEST:

Organismo d'ispezione di tipo "A" Impianti elettrici

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9101 VERIFICA ATTREZZATURE DA LAVORO

PAG. 3 DI PAG. 5

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

TEST REPORT No. **293/EN VAR** 03/04/2012 date: **ORIGINAL** Acceptance record no. 79788 date 27/02/12 TESTS ON ANCHOR DEVICES - PROTECTION AGAINST **EN 795** P9101 -**FALL FROM A HEIGHT** dates: test start 21/03/2012 test end 21/03/2012 sample samples delivered SAFETY LINE H-50-MARKET NAME SAFETY LINE H-50 REF. (as declared by CHARACTERISTICS client) SAMPLING SITE DECLARED C CLASS anchor devices that use flexible horizontal safety lines (POINT 4,3) 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 GENERAL DATA OVERHANG FROM BASE 500mm 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 kN 6 declared value OF (FORCE APPLIED IN THE DIRECTION IN WHICH SAID FORCE CAN BE APPLIED DURING OPERATION) application time OK THE DEVICE HOLDS THE LOAD OK static test outcome: **DYNAMIC** resistance test TEST PASSED point 5,3,4,3 anchoring structure steel falling mass 100 OF developed force 13,37 12 OF dynamic resistance THE MASS HAS BEEN ARRESTED BY THE DEVICE OK tests test outcome: **DYNAMIC** performance test TEST PASSED point 5,3,4,2 anchoring structure steel

100

9,34

285

17,82

545

kN

kN

mm

ANALYSIS

STATIC TEST:

anchor point

falling mass

developed force

horizontal distance

developed force on the anchor

line

line sag at point matching with

PASSED

DYNAMIC TEST:

100

6

300

18,62

600

PASSED

OK

OK

OK

. ок

ОК

OK

THE OVERALL OUTCOME OF THE TESTS

NOTES NV = not evaluated NC = not compliant

CONFIRMS THE CLASS DECLARED (C)

dynamic performance test outcome :

std value

minimum

maximum

declared by manufacturer:

the experimenter

ing. Angelo Cardinetti--

the head of laboratory dott.ing. Loris Turella

PROTOTYPE - tests on prototype

9101

PAG. 4 DI PAG. 5

Laboratorio di Prove

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

TEST REPORT No. **293/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** dates: test end 21/03/2012 test start 21/03/2012 sample samples delivered SAFETY LINE H-50-MARKET NAME SAFETY LINE H-50 REF. (as declared by CHARACTERISTICS client) SAMPLING SITE DECLARED CLASS anchor devices that use flexible horizontal safety lines (POINT 4,3) 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 **GENERAL** DATA OVERHANG FROM BASE 500mm WITH FIXED SECTION LOAD APPLICABLE WITH TENSIONER AND SPRING

> NOTE: REPLACEMENT OF SPRING AT EACH TEST NOTE: REPLACE SPRING AFTER EVERY RESCUE INTERVENTION

· ·	inspection	s, measure	es and tes	sts carried ou	it				
inspections	markings found on sample unde	r inspection	ONE			There is the			
	STATIC resi	stance test	point 5,2,4		TEST PASSED				
	anchoring structure		3 7 7 7 7	steel					
	applied force	kN	6	declared value	4	0			
	(FORCE APPLIED IN THE DIRECTION IN WHICH SAID FORCE CAN BE APPLIED DURING OPERATION)								
	application time	min	3	minimum	3	C			
	THE DEVICE	HOLDS	TI	E LOAD	static test outcome:	O			
	DYNAMIC resista	point 5,3,4,3		TEST PASSED					
	anchoring structure		steel		- v				
	falling mass	kg	100	std value	100	0			
	developed force	kN	14,16	minimum	12	0			
tests	THE MASS HAS	2.5	RRESTED BY	THE DEVICE	dynamic resistance test outcome:	0			
, a	DYNAMIC perforn	point 5,3,4,2		TEST PASSED					
931 -	anchoring structure	1 2 2 3	0.00	steel					
W 197	falling mass	kg	100	std value	100	0			
ia fie la fie a	developed force	kN	6,84	minimum	6	0			
	horizontal distance	mm	300	maximum	300	0			
	developed force on the anchor line	kN	19,65	= 20 = 3	18,19				
	line sag at point matching with anchor point	mm	1130	declared by manufacture	950	C			
			dynamic performance test outcome :						

ANALYSIS

STATIC TEST:

PASSED

DYNAMIC TEST:

PASSED

THE OVERALL OUTCOME OF THE TESTS NV = not evaluated

CONFIRMS THE CLASS DECLARED (C)

the experimenter ing. Angelo CardinettiNC = not compliant

the head of laboratory dott.ing. Loris Turella



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9101 VERIFICA ATTRESSATIFE DA LAVORO

PAG. 5 DI PAG. 5

Authorized by Ministera della Sviluppa Economica on 15 Jan. 2008 pursuant to articles 10 & 11 part A of EEC Directive 89/686/EEC "PPE-Personal

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

CORTACCIA (BZ) TEST REPORT No. **293/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 21/03/2012 dates: test end 21/03/2012 sample samples delivered SAFETY LINE H-50-MARKET NAME SAFETY LINE H-50 REF. (as declared by CHARACTERISTICS client) SAMPLING SITE **DEVICE DIAGRAM** PALO H50 PARTENZA PALO H50 INTERMEDIO PALO H50 CURVA CAMPATA UNICA CAMPATA UNICA DA 5 A 15m-CAMPATA MULTIPLA -CAMPATA DA 5 A 15m -CAMPATA DA 5 A 15m--CAMPATA DA 5 A 15m -FINO A 100m-INSTALLAZIONE CON CURVA