



Product Service

EC-Type Examination Certificate

No. P5 13 07 78362 006

Holder of Certificate: Rotho Blaas SrlVia dell'Adige 2/1
39040 Cortaccia
ITALY**Product:**PPE against fall from a height
Anchor Devices in accordance with EN 795 C and
CEN/TS 16415**Model(s):**

PATROL

Parameters:Construction: stainless steel cable ($\varnothing$ 8mm; 7x7; minimum
breaking load: 39kN) anchor line system
with end terminations, intermediate
anchors, corners and mobile anchor point;

More Parameter: see Annex

This EC-Type Examination Certificate is issued according to Article 10 of Council Directive 89/686/EEC for personal protective equipment as classified in Article 8 (PPE of category 3). It confirms that the listed product fulfills the basic requirements as specified in Annex II of the Directive. This certificate refers only to the sample submitted to TÜV SÜD Product Service GmbH for testing and certification and on its technical documentation. See also notes overleaf.

Test report no.:

713024378-1

Valid until:

2018-07-16

Date, 2013-07-18
(Volker Kron)

TÜV SÜD Product Service GmbH is Notified Body according to Council Directive 89/686/EEC for personal protective equipment, notified by publication in the Official Journal of the EC No. C 203/44 dated July 07th, 1994 with identification No. 0123.

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Annex to

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Anchor Devices, type PATROL:

System components:

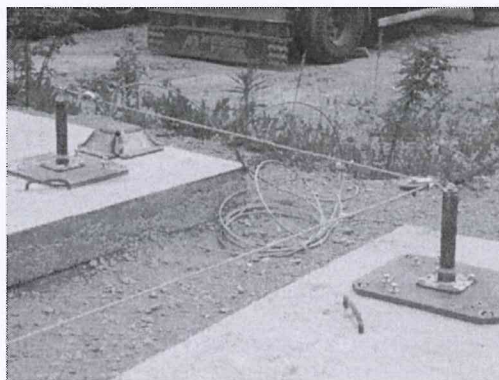
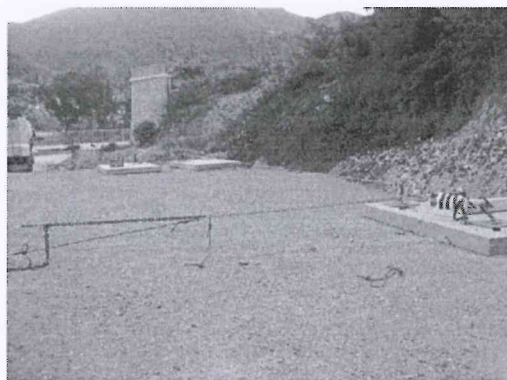
- TOWER (S 235 JR steel fire galvanized anchor as basic element for all components of the system; $\varnothing$ 48,3mm and 3,2mm thick; in different lengths: 300mm/400mm/500mm/600mm; double welded on a 150mm x 150mm steel plate, 8mm thick);
 - PATROLTERM (stainless steel 90° angled holder; l x w x h 66mm x 61mm x 40mm; 6mm thick; with one $\varnothing$ 14mm and one $\varnothing$ 16,5mm hole for fixation over self-safety screw to TOWER)
 - PATROLINT (stainless steel intermediate holder; l x w x h 385mm x 50mm x 50mm; 5mm thick; with one $\varnothing$ 16,5mm hole for fixation over self-safety screw to TOWER)
 - PATROLANG (used as corner; total dimensions l x w x h 175mm x 40mm x 56mm; existing of $\varnothing$ 90mm anodized aluminium (EN-AW 6082) circulation role (15mm thick) with stainless steel spacer and 2 angled (45°) stainless steel clamps (clamp 1: l x w x h 150mm x 40mm x 40mm, 4mm thick; clamp 2: l x w x h 150mm x 40mm x 27mm, 4mm thick); each clamp includes one $\varnothing$ 16,5mm hole for fixation over self-safety screw to TOWER;
 - CABLE (stainless steel cable $\varnothing$ 8mm);
 - SPEAR (pre-tensioning stainless steel element with energy absorber; total dimensions l x w x h 380mm x 50mm x 62,5mm; existing of an EN-AW 6082 anodized aluminium rope fixation profile (l x w x h 85mm x 50mm x 25mm; rope fixation over 4 x M6 stainless steel screws with a fixation torque of at least 15 Nm), a stainless steel energy absorbing element (l x w x h 201mm x 50mm x 33mm; 3mm thick, existing of 11 x 1mm bars as energy absorbing function); a welded stainless steel thread rod (M12; 250mm length) including a 4mm welded steel plate and welded M12 screw at the end to fix an additional stainless steel spring as pre-load indicator for 100kg pre-load of the system;
- All parts are defined in drawings and part lists;

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Fixations:	component TOWER including the double welded steel plate can be fixed to the underground: - steel (S235JR or better) over 4 pc. M12 A2 stainless steel screws 1.4301 AISI 304; - concrete (C20/25 S3 X0 0-16 or better) over 4 pc. concrete anchor AB1 12x103mm or longer (FE210440); - wood (GL 24H or better; at least 160x160mm) over 8 fully-threaded screws VGS 9x160 mm with 4 washers;										
Cable material:	ø8 mm stainless steel cable type 7 x 7; 1570 N/mm ²										
Mobile anchor point:	Connector Oval Steel KL screw (EN 362:2004, class B; EC type approval certificate no. P5 00 03 23385 079) or similar connector according to EN 362:2004/class B;										
Longest single span:	15m										
Shortest single span:	2m										
Marking:	manufacturer; type; EN 795/C:2012; CEN/TS 16415:2013; "read instruction"-pictogram; CE-marking; max. 4 persons; serial no.; manufacturing year;										
Weight:	<table><tr><td>TOWER:</td><td>3,3 kg</td></tr><tr><td>SPEAR:</td><td>850 g</td></tr><tr><td>PATROLTERM:</td><td>200 g</td></tr><tr><td>PATROLINT:</td><td>700 g</td></tr><tr><td>PATROLANG:</td><td>550 g</td></tr></table>	TOWER:	3,3 kg	SPEAR:	850 g	PATROLTERM:	200 g	PATROLINT:	700 g	PATROLANG:	550 g
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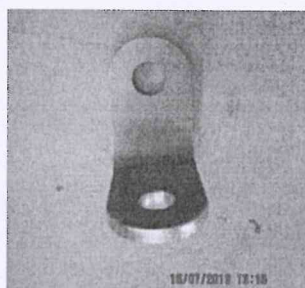
EN 795/C-System PATROL



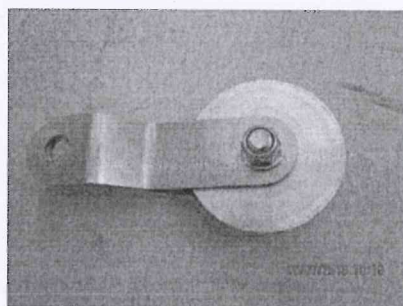
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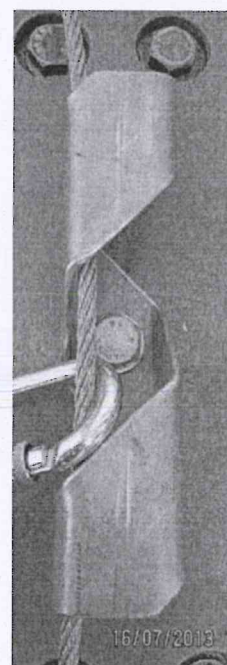
PATROLTERM



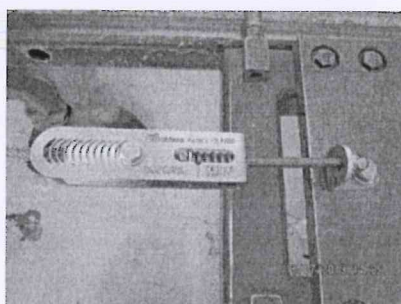
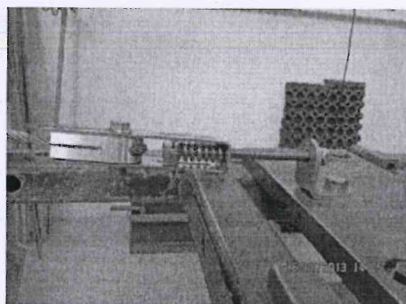
PATROLANG



PATROLINT



SPEAR



TOWER



Department: DEMUCMES / vm
Date: 2013-07-18