

# EC type-examination certificate



|                                            |                                                                                                                                                                                                 |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Certificate no.:</b>                    | AFV 394/1                                                                                                                                                                                       |
| <b>Notified body:</b>                      | TÜV Süddeutschland Bau und Betrieb GmbH<br>Zertifizierungsstelle<br>für Aufzüge und Sicherheitsbauteile<br>Westendstraße 199, D-80686 München                                                   |
| <b>Applicant/<br/>Certificate holder:</b>  | Montanari Giulio & C. s.r.l.<br>Via Bulgaria, 39<br>I-41100 Modena                                                                                                                              |
| <b>Date of submission:</b>                 | 1999-02-10                                                                                                                                                                                      |
| <b>Manufacturer:</b>                       | Montanari Giulio & C. s.r.l.<br>Via Bulgaria, 39<br>I-41100 Modena                                                                                                                              |
| <b>Product, type:</b>                      | Progressive safety gear, type PP-16                                                                                                                                                             |
| <b>Test Laboratory:</b>                    | TÜV Süddeutschland Bau und Betrieb GmbH<br>Abteilung Aufzüge und Sicherheitsbauteile<br>Westendstraße 199, D-80686 München                                                                      |
| <b>Date and<br/>Number of test report:</b> | 1999-04-29<br>394/1                                                                                                                                                                             |
| <b>EC-directive:</b>                       | 95 / 16 / EC                                                                                                                                                                                    |
| <b>Statement:</b>                          | The safety component conforms to the directive's<br>safety requirements for the respective scope of appli-<br>cation stated on page 1 of the annex to this EC type-<br>examination certificate. |
| <b>Certificate date:</b>                   | 1999-11-11 (german version 1999-04-29)                                                                                                                                                          |

Zertifizierungsstelle für Aufzüge und Sicherheitsbauteile  
EC-Identification number: 0635

A handwritten signature in black ink, appearing to read 'P. Tkalec', written over a horizontal line.  
Peter Tkalec

ZERTIFIKAT

CERTIFICATE

認証証書

‘ΕΡΤΙΦΙΚΑΤΗ

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## Annex to the EC type-examination certificate No. AFV 394/1

### 1. Scope of Application

- 1.1 Permissible total mass of car and rated load or counterweight in using one pair of safety gears, depends on manufacture of the guide rail running surface

| Manufactured by | Total mass (kg) |        |
|-----------------|-----------------|--------|
|                 | min.            | max.   |
| drawn           | 580             | - 1480 |
| machined        | 680             | - 1650 |

- 1.2 Maximum tripping speed of overspeed governor and range of the maximum rated speed

|                              |             |
|------------------------------|-------------|
| Maximum tripping speed (m/s) | 3,22        |
| Maximum rated speed (m/s)    | 2,50 - 2,80 |

- 1.3 Guide rails to be used

- 1.3.1 Running surface manufactured by dry or oiled\*  
\*Mineral oils without additives (e.g. lubricating oils C according to DIN 51517 part 1)
- 1.3.2 Blade width 8 - 16 mm
- 1.3.3 Minimum running surface width 32 mm

### 2. Remarks

- 2.1 Pursuant to the standard EN 81, annex F, paragraph 3, section 3.4.a) 2) the total mass determined for adjustment purposes may be 7,5 % higher or lower.
- 2.2 In order to provide identification and information about the basic design and its functioning and to show which parts have been tested pertaining to the tested and approved type, drawing N<sup>o</sup>. P 49004249 dated June 1992 (with modification dated 17 December 1996) is to be enclosed with the EC type-examination certificate and the annex thereto. The environmental conditions and connection requirements of the safety gear are presented or described in separate documents (e. g. installation instructions). (The EEC type-examination certificate number EFV 394/1 on the drawing is no longer applicable and is to be regarded as AFV 394/1 within the definition of this EC type-examination certificate).
- 2.3 The EC type-examination certificate may only be used in connection with the pertinent annex.