

Centre d'Essais de Fontaine
17, Boulevard Paul Langevin
38600 FONTAINE - France
Tél. +33.(0)4.76.53.52.22
Fax +33.(0)4.76.53.32.40
lab38chute@apave.com

PATACHO S.L.
LG. PARDIÑAS
S/N 27300 GUITIRIZ. LUGO
Spain

EC TYPE EXAMINATION REPORT
PPE DIRECTIVE 89/686/EEC - Article 10
P.P.E. against falls from a height

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| Report n° | 08.6.0755 |
| Technical referential | EN 354:2010 |
| Type of PPE | Lanyard |
| Trade Mark | PATACHO |
| Model | CI-518 |
| References | 1. L 0,5 2. L 1,0 3. L 1,5 4. L 2,0 |

Fontaine, the 14th March 2011

Report in 2 copies; send to the address above, for the attention of Mr Martinez Santamariña

This report includes: 15 pages

PPE Technical Manager



Emine Cengiz

1. Introduction - Description of the service

This report concerns a lanyard, as defined in § 3.1 of European standard " Lanyards " EN 354 of July 2010.

Its purpose is to assess the conformity of the lanyard with the European Directive 89/686/EEC of 21 December 1989 "Personal Protective Equipment" transposed into French labour code, with a view to be placed on the European market exclusively.

The examination was conducted in accordance with purchase order placed by PATACHO S.L.
Company: PATACHO S.L. – LG Pardiñas – S/N 27300 GUITIRIZ LUGO - Spain

2. Use of the report

This report only concerns the equipment identified in clause 3 and described in clause 6.

Only an integral reproduction of this report is authorized.

The manufacturer, or his representative, commits himself not to use this report for equipment that is not strictly identical to the equipment covered by this report.

3. Identification of the equipment

3.1 Manufacturer – Manufacturing place – Place on the market

PATACHO S.L. – LG Pardiñas – S/N 27300 GUITIRIZ LUGO - Spain

3.2 Tested equipment

Following equipment has been tested:

Trade mark: PATACHO Model : CI-518

Reference: L 1,5

An EC type examination certificate is awarded for this equipment.

3.3 Equivalences

The following equipment are equivalent to the one tested but are the sizes are different:

Trade mark: PATACHO Model : CI-518

Reference: L 0,5

Trade mark: PATACHO Model : CI-518

Reference: L 1,0

Trade mark: PATACHO Model : CI-518

Reference: L 2,0

These equipment are in equivalence on the certificate awarded for PATACHO Modèle CI-518, Reference: L 1,5.

3.4 Other trade name

No other trade name

4. Conditions for use of the equipment

This lanyard is intended to be used, together with other components, as personal protective equipment against falls from a height.

5. Reference specification

The assessment of conformity with Directive 89/686/EEC of 21 December 1989 "Personal Protective Equipment" was conducted taking also into account the provisions of European standard EN 354 of July 2010 "Lanyards".

6.2 Type of lanyard

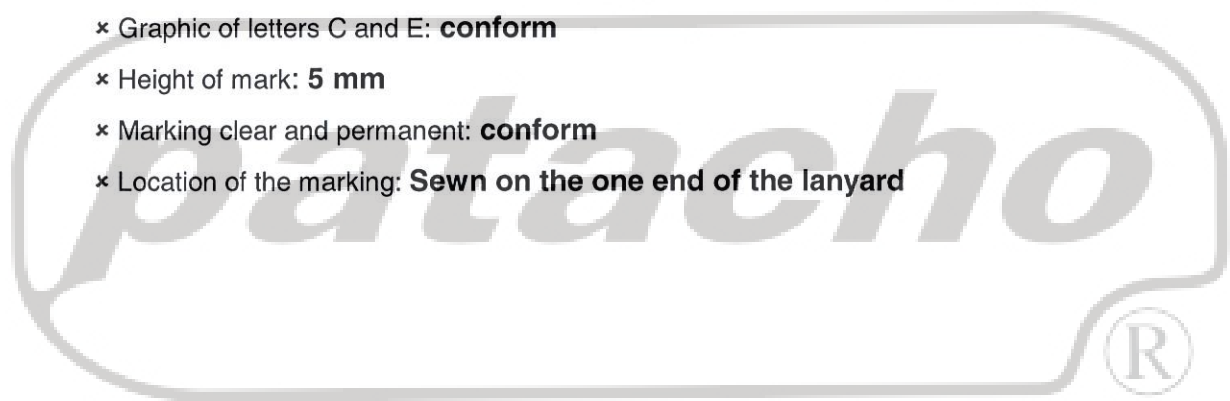
Fixe single lanyard in polyester webbing, width 30mm, length from 0.5m to 2m. On each termination a sewed buckle.

6.3 Description of components

Detailed description of the equipment trademark "PATACHO", model "CI-518 " and references "L 0,5", "L 1,0", "L 1,5" and "L 2,0" in the manufacturing technical file received on 18th June 2009, up dated on 12th March 2011 and edited by PATACHO.

6.4 Location of the CE marking

- × EC mark: **CE 0082**
- × Notified body in charge of manufactured PPE control (article 11): **CETE APAVE SUDEUROPE - France**
- × Graphic of letters C and E: **conform**
- × Height of mark: **5 mm**
- × Marking clear and permanent: **conform**
- × Location of the marking: **Sewn on the one end of the lanyard**



8. Examination report

| Article of the standard EN 354 | Content | Conformity | | | Comments |
|-----------------------------------|---|------------|----|-----|----------|
| | | Yes | No | N-A | |
| Art. 4.1 | Design and ergonomic | | | | |
| | <ul style="list-style-type: none"> Lanyards shall be made from smoothly finished materials and shall not have sharp edges or burrs that may cause injury to the user, or that may cut, abrade or otherwise cause damage to the lanyards itself. | ✓ | | | |
| | <ul style="list-style-type: none"> When checked in accordance with 5.3.3, lanyards with a length adjustment device shall be adjustable. | | | ✓ | |
| | <ul style="list-style-type: none"> Length adjustment devices shall not allow unintentional opening and shall not allow unintentional change in length. | | | ✓ | |
| | <ul style="list-style-type: none"> Lanyards with a length adjustment device shall be fitted with an end stop which shall prevent unintentional detachment of the length adjustment device from the lanyard. | | | ✓ | |
| | <ul style="list-style-type: none"> Connectors incorporated in lanyards shall conform to EN 362. | | | ✓ | |
| | <ul style="list-style-type: none"> The lanyard length, when measured in accordance with 5.3.4, shall be within $\pm 5\%$ of the length given on the marking of the lanyard. | ✓ | | | |
| Art. 4.2 | Materials | | | | |
| | <ul style="list-style-type: none"> Materials which may come into contact with the skin of a user shall not be known to, or suspected to, adversely affect user hygiene or health, e.g. cause irritating or sensitization affects, during normal use of the lanyard. | ✓ | | | |
| | <ul style="list-style-type: none"> Fibre ropes, webbing and sewing threads for lanyards shall be made from virgin filament or multifilament synthetic fibres suitable for their intended use. The breaking tenacity of the synthetic fibres shall be known to be at least 0.6 N/tex. | ✓ | | | |
| | <ul style="list-style-type: none"> Wire rope for lanyards shall be made from steel. The ferrules of terminations shall be made from ductile metallic material. Wire ropes that are not made from stainless steel shall be galvanized in accordance with ISO 2232. | | | ✓ | |
| | <ul style="list-style-type: none"> Chains shall conform to the requirements for chains for at least 6mm chains given ISO 1835. Egg-shaped or similar end links and all connecting links shall be compatible with the chain in all respects. | | | ✓ | |

| Article of the standard EN 354 | Content | Conformity | | | Comments |
|-----------------------------------|---|------------|----|-----|----------|
| | | Yes | No | N-A | |
| Art 4.7 | <p>Corrosion resistance</p> <p>* Lanyards with metallic elements shall be tested in accordance with 5.9. All metallic elements of the lanyard shall not show evidence of corrosion of the base metal and lanyards shall still function in accordance with 4.1.3. The presence of tarnishing and white scaling is acceptable. NOTE 1: Care should be taken by the manufacturer not to combine different metals in such a way that there could be adverse galvanic reaction. NOTE 2: Conformity to this requirement does not imply suitability for use in a marine environment.</p> | | | ✓ | |
| Art 6 | <p>* Marking on the lanyard shall conform to 4.8 of EN 365:2004 and in the any text shall be in the languages of the country of destination.</p> | | | | |
| | <p>Article 4.8 Marking of EN 365:2004</p> <p>Each item of PPE or other equipment shall be clearly, indelibly and permanently marked by the manufacturer in the official language of the country of destination, by any suitable method not having a harmful effect on the materials so marked, and shall include at least:</p> <p>a/ a means of identification, e.g. manufacturer's name, supplier's name, or trademark; <i>Note : When PPE is marked with the supplier's name this should be with the approval of the Notified body.</i></p> <p>b/ the manufacturer's production batch or serial number or other means of traceability;</p> <p>c/ the model and type/identification;</p> <p>d/ the number and year of the European Standard to which the equipment conforms;</p> <p>e/ a pictogram or other method to indicate the necessity for users to read the instruction for use;</p> <p>f/ any additional marking required in the relevant European Standard</p> <p>The characters in the markings shall be legible and unambiguous.</p> | ✓ | | | |
| Directive | <p>* Marking on the lanyard shall conform to EN 365 and, in addition, shall include at least the following:</p> <p>a The maximum lanyard length, in accordance with 4.1.6</p> <p>b The month and year of manufacture</p> | ✓ | | | |
| | <p>* EC Marking (CE + Notified body)</p> <p>* The marking shall be clearly, durably and permanently marked by any mean without effect on material</p> | ✓ | | | |

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| <p>Notes (1) For equipment for emergency use which have been pre-packed or sealed by a competent person.</p> <p>l/ the features of the equipment that require the pre-use check, the method of checking, and the criteria against which the user can decide whether or not the equipment is defective;</p> <p>m/ a warning stating that it is essential for safety that equipment is withdrawn from use immediately should:</p> <p>1/ any doubt arise about its condition for safe use or;</p> <p>2/ it have been used to arrest a fall</p> <p>and not used again until confirmed in writing by a competent person that it is acceptable to do so;</p> <p>n/ the requirements of the anchor device or structural member chosen to serve as the anchor point(s), in particular the minimum required strength, the suitability and the position;</p> <p>o/ where relevant, instructions on how to connect to the anchor</p> | <p>✓</p> <p>✓</p> <p>✓</p> <p>✓</p> <p>✓</p> |
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| Article of the standard EN 354 | Content | Conformity | | | Comments |
|-----------------------------------|---|---------------------------------|----|-----|----------|
| | | Yes | No | N-A | |
| Art 4.4 | Instructions for periodic examinations (see 4.7) - continuation d/ where deemed necessary by the manufacturer, e.g. due to the complexity or innovation of the equipment, or where safety critical knowledge is needed in the dismantling, reassembly, or assessment of the equipment (e.g. a retractable type fall arrester), an instruction specifying that periodic examinations shall only be conducted by the manufacturer or by a person or organisation authorised by the manufacturer; e/ a requirement to check the legibility of the product markings | ✓ | | | |
| Art 4.5 | Instructions for repair Where the manufacturer permits repair, repair instructions shall be supplied in the official languages of the country in which the item is in service. These instructions shall include a statement to the effect that any repair shall only be conducted by a competent person for repair, who has been authorised by the manufacturer, and that the repair procedure shall be strictly in accordance with the manufacturer's instructions. | ✓ | | | |
| Art 4.6 | Records Advice shall be given that a record is kept for each component, subsystem and system. The record should contain headings for and spaces to allow entry of the following details: a/ the product (e.g. full body harness), model and type/identification and its trade name; b/ the name and contact details, of the manufacturer or supplier; c/ a means of identification, which could be the batch or serial number; d/ where applicable, the year of manufacture or life expiry date, refer 4.2.2 (y); e/ the date of purchase; f/ any other information as necessary e.g. maintenances and frequency of use; g/ the date first put into use; h/ the history of periodic examinations and repairs, to include: 1/ dates and details of each periodic examination and repair, and the name and signature of the competent person who carried out the periodic examination or repair; 2/ next due date for periodic examination. | ✓ ✓ ✓ ✓ ✓ ✓ ✓ | | | |
| Art 4.7 | Periodic examination Manufacturer shall provide all the necessary information and equipment e.g. instructions, checklists, spare parts lists and special tools etc, to enable periodic examinations to be carried out by a competent person. <i>Note : Manufacturers may provide training for persons to become competent or for updating competency in the periodic examination of PPE or other equipment, or make arrangements for authorised organisations or persons to be made available.</i> | | | | |

9. Conclusion

The lanyard "PATACHO" model "CI-518" and references "L 0,5", "L 1,0", "L 1,5" and "L 2,0" comply the basic requirements of European Directive 89/686 of 21 December 1989, "Personal Protective Equipment" relative to the design of the product examined and transposed into French law by the relevant articles of French labour code.

The assessment of conformity takes into account the compliance of lanyard with the provisions of European standard EN 354 of July 2010 and with the conformity of manufacturer's technical file.

Consequently, an EC type examination certificate is issued for this equipment:

Number of EC Type examination certificate: 0082/1164/160/03/11/0118

