

Date: June the 7<sup>th</sup>, 2006

Report number: **06/31700414 English translation**  
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## 1.- RECEIVED MATERIAL

One unit of PINZA PILAR METALICO with reference I+D032720 from Alsina fall prevention system with the following references.

Reception's material date: June the 7<sup>th</sup>, 2006

## 2.- REQUESTED SUBJECT

Dynamic and static tests according to UNE-EN 795.

## 3.- TEST METHOD

### 3.1.- Sampling method

The sample has been selected and provided by the petitioner.

### 3.2.- Test description

The tests have been done according to what is indicated in standard UNE-EN 795 "Protection against falls from heights. Anchor devices. Requirements and testing".

- Static tests from section 5.2.3. They consist on a 10KN force effort, applied in the same direction that will be applied during the device service. Such force shall be applied for 3 minutes period.
- Dynamic test from section 5.3.2. The test is done by means of a connector, fixing one end of the mooring element to the anchor device that is being tested. Afterwards, by means of a second connector, the other mooring end is connected to a 100 kg mass. The mass is hold by a quick release device at a 300 mm maximum horizontal distance from the anchorage point, so that, once it is dropped, it can freely fall for 2,500 mm. +/- 50mm before the mooring element starts restraining its fall.

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### 3.3.- Used equipments

The tests are made at the petitioner's facilities in an structure designed for the tests.

For the static tests, a dynamometer, which brand is MOTORMAN, MK model, serial number 00067606 and a capacity for 5000 Kg, has been used, which calibration certificate number is C-2176.0011 dated on February the 4<sup>th</sup>,2005.

For the dynamic tests, a steelpice is used as a test-mass and being previously verified with the dynamometer mentioned above.

### 4.- TEST CONDITIONS

The samples have been done outdoors at the petitioner's warehouse.

### 5.- RESULTS

Test dates	Started	June the 7 <sup>th</sup> , 2006
	Finished:	June the 15 <sup>th</sup> , 2006

Once the tests are made according to what is described in the "Test Method" section, the following results have been obtained:

Static Test: Applying a 10 KN. force and maintaining it for 3 minutes, the anchor resists the applied force, working in a satisfactory way.

Dynamic test: The moor element works satisfactory, stopping the test-mass fall.

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The results refers exclusively to the sample, product or material received in the Laboratory, as said in the section that corresponds to received sample's description, and tested in the conditions told in this report.