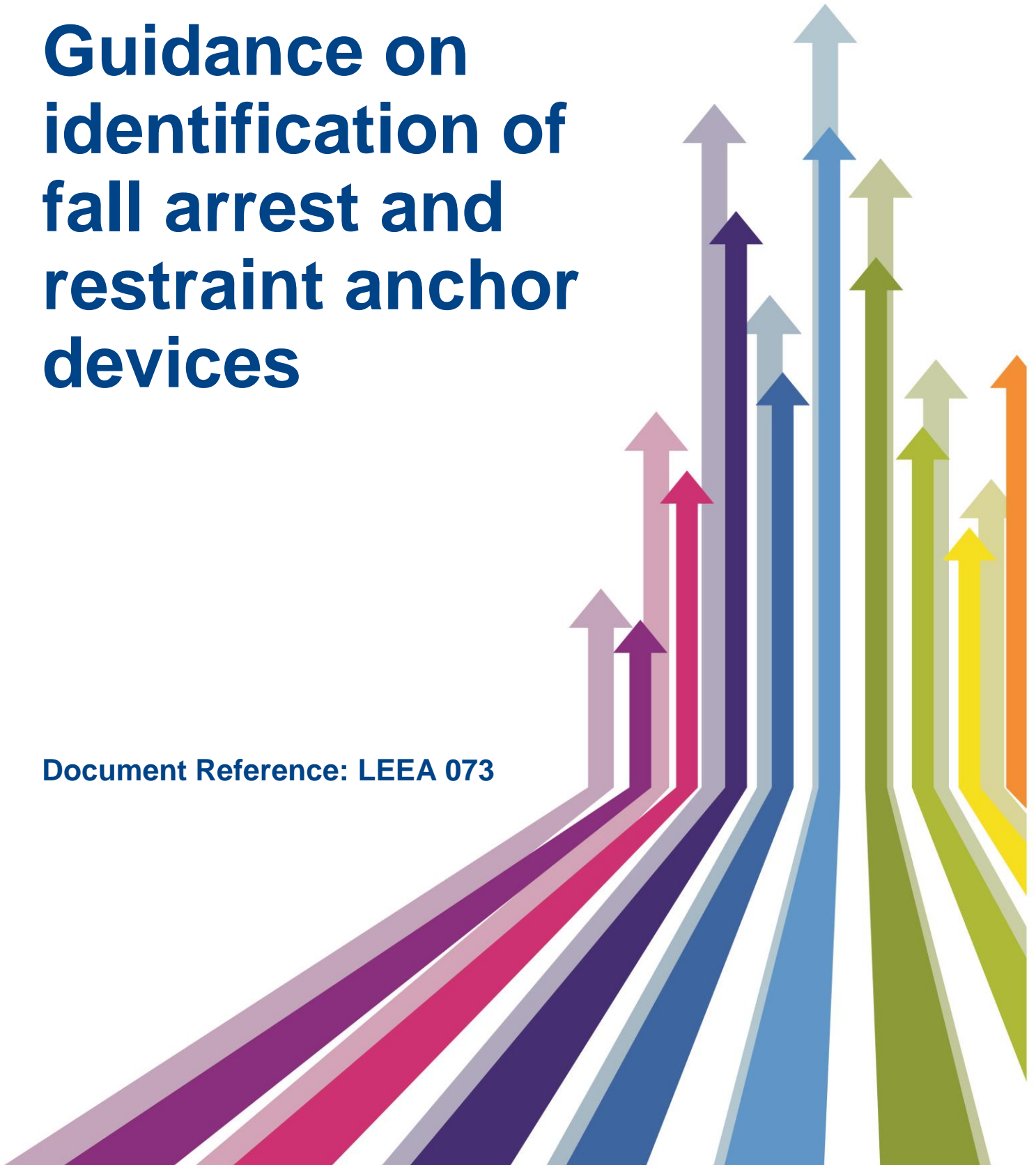


Guidance on identification of fall arrest and restraint anchor devices

Document Reference: LEEA 073





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1.0 Introduction

Anchor devices to be used for Personnel tie off, in a fall arrest or restraint application only, to a structure must meet specific requirements before use. These requirements are different from EN1492 and EN 13414, although the anchor devices look very similar, and in some cases, are physically identical other than labelling and user instructions. It is therefore essential that users are aware of the differences and use equipment only for applications for which it was intended.

Anchor devices to be used for personnel tie-off in fall arrest or restraint applications must be approved to EN795. EN 795 (and the PPE Directive) requires third party approval by an approved Notified Body before an EC Certificate is issued, which must be done before the CE mark can be applied to the product.

Anchor devices used for fall arrest or restraint are generally manufactured from wire rope or webbing materials and figure 1, below, shows an example of each.



Figure 1 – Examples of wire rope (left) and textile (right) anchor devices

2.0 Standards

In addition to EN 795, the following standards are important references for the manufacturer, supplier and user of anchor devices.

- BS EN 360 PPE against falls from a height. Retractable fall arresters
- BS EN 361 PPE against falls from height. Full body harnesses
- BS EN 362 PPE against falls from a height. Connectors
- BS EN 363 Personal fall protection equipment
- BS EN 364 PPE against falls from height. Test methods
- BS EN 365 PPE against falls from a height. Instructions for use, maintenance, periodic examination, repair, marking and packaging.

3.0 Performance requirements

EN795 is a part harmonised standard which is used to demonstrate compliance with the PPE Directive 89/686/EEC. Anchor devices are to be tested to EN795 Type B, which requires a static load of 12kN applied for 3 minutes, and a dynamic of 100kg falling through 2.5m. These are both tests to be performed by the manufacturer only as part of the approval process, to be reviewed by a Notified Body.

4.0 Marking

The minimum marking requirements for EN795 anchor devices must be in accordance with EN 365, which requires the following to be indelibly marked on the equipment. Where it is not practical to directly mark the equipment, the information can be added to tags or labels attached to the equipment.

- Manufacturers name or trademark
- Production batch or serial number
- Model and Type/Identification
- Number and Year of document which it conforms
- Pictogram of other method to read the instructions
- Statement making it clear that the device is only for single person use only

In addition, the label must also include:

- the CE mark
- the 4-digit ID number of the Notified Body controlling the companies Quality Processes.

Refer to figure 2 for example.

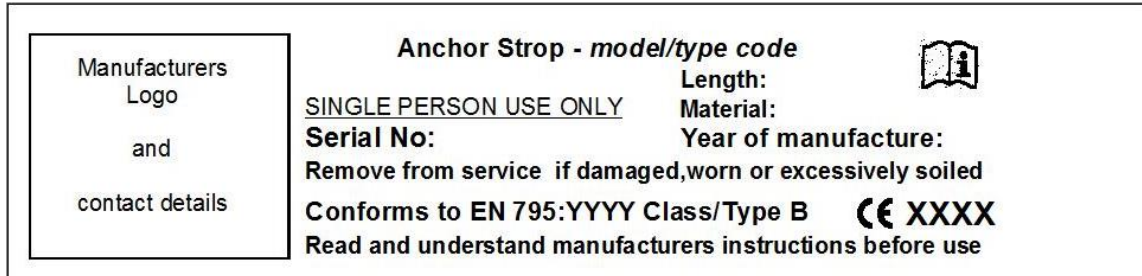


Figure 2 – Example of a wire rope and textile anchor device label

5.0 Documentation

The following documents shall, as a minimum, be supplied with anchor devices.

5.1 Instructions

The instructions for use must be supplied with the product, and are reviewed by the Notified Body before approval. Where applicable the instructions shall be in accordance with clauses 4.2 – 4.5 of EN 365 and in addition shall include the applicable information from clause 7 of EN 795.

5.2 EC Declaration of Conformance.

This declaration of conformity must be submitted to the competent authorities and contain the following minimum particulars:

MODEL EC DECLARATION OF CONFORMITY

The manufacturer or his authorized representative established in the Community ⁽¹⁾:

.....

declares that the new PPE described hereafter ⁽¹⁾

.....

is in conformity with the provisions of Council Directive 89/686/EEC and, where such is the case, with the national standard transposing harmonized standard No (for the PPE referred to in Article 8 (3))

is identical to the PPE which is the subject of EC certificate of conformity No issued by ⁽²⁾ ^(*)

.....

is subject to the procedure set out in Article 11 point A or point B ^(*) of Directive 89/686/EEC under the supervision of the notified body ⁽³⁾

.....

Done at, on

⁽¹⁾ Business name and full address; authorized representatives must also give the business name and address of the manufacturer.
⁽²⁾ Description of the PPE (make, type, serial number, etc.).
⁽³⁾ Name and address of the approved body.
^(*) Delete whichever is inapplicable.
⁽⁵⁾ Name and position of the person empowered to sign on behalf of the manufacturer or his authorized representative.