



CO-ORDINATION OF NOTIFIED BODIES
PPE Regulation 2016/425

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Version 01

RECOMMENDATION FOR USE

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Approval stage :

Approved on :

Origin: Vertical Group 11 'Protection against Falls from a Height'

- Vertical Group
 Horizontal Committee
 EU PPE Expert Group

09/10/2024
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Question related to PPE Regulation PPE Guidelines EN/prEN: EN 355:2002 Other:

Key words: Energy absorber, integral lanyard

Question:

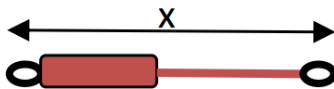
How energy absorbers ('EA') EN 355:2002 shorter than 2m long shall be tested and what should be included in the instructions and information?

Solution:

Note: in these situations, clause 7 a) of EN 355:2002 should not apply

Depending on the design and claiming of the manufacturer:

1- EA including a lanyard with a total length of 'x'm long ($x < 2m$) and the manufacturer does not allow it to be extended



Test

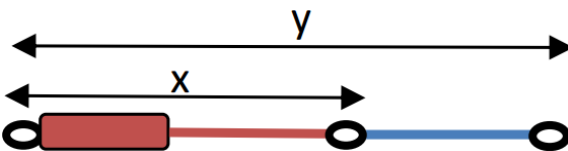
Only one dynamic test shall be carried out, with the integrated lanyard and without any extension, according to EN 355:2002.

Instructions and information shall include:

- An advice that the energy absorber integral with a lanyard shall not be extended
- The total length of a sub-system with an EA including a lanyard, terminations and connectors shall not exceed 'x' m (e.g. connector plus lanyard plus EA plus connector);

2- EA including a lanyard with a total length of 'x'm long ($x < 2m$) and the manufacturer allows extension up to 'y'm

Note: $2m \geq y > x$



Test

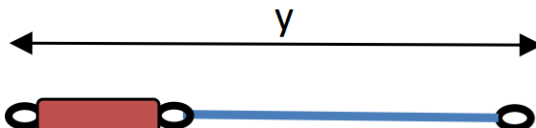
Two dynamic tests shall be carried out, according to applicable requirements of EN 355:2002:

1. With the 'x'm long (only with the EA and the integrated lanyard)
2. With an additional chain lanyard to reach the maximum allowed length

'y'm Instructions and information shall include:

- The maximum extension allowed to reach 'y'm (e.g. of 'y'm: connector plus EA plus connector plus extension plus connector)

3- EA as a component (without lanyard) and the manufacturer allows extension up to 'y'm ('y' < 2m)



Test

Only one dynamic test shall be carried out with an additional chain lanyard to reach the maximum allowed length 'y'm, according to EN 355:2002.

Instructions and information shall include:

- The maximum extension to 'x'm allowed to reach 'y'm (e.g. of 'y'm: connector plus EA plus connector plus extension plus connector)