



**CO-ORDINATION OF NOTIFIED BODIES**  
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Version 2

**RECOMMENDATION FOR USE**

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Question related to  PPE Regulation  PPE Guidelines

EN/prEN: EN 353-1:2014+A1:2017

Other:

Article:

Annex:

Clause:

Key words:

Guided type fall arrester including rigid anchor line; angles of rigid anchor line

Question:

How to assess devices when the manufacturer claims the use of its guided type fall arrester including rigid anchor line with higher angles than the standard values (+15° in forward and sideward direction) given in EN 353-1:2014+A1:2017?

Solution:

- Case 1: the manufacturer claims a use in the range of EN 353-1:2014+A1:2017: all tests according to EN 353-1:2014+A1:2017
- Case 2: the manufacturer claims a use beyond the range of EN 353-1:2014+A1:2017 (forward, sideward and combined if claimed): all tests according to EN 353-1:2014+A1:2017 plus additional tests at maximum angles beyond EN 353-1:2014+A1:2017, including a risk analysis and practical test (according to article .5.1.3)  
During dynamic performance tests on wire ropes load at bottom anchor shall be measured. The value shall be in the installation instructions  
Maximum allowed angle: 74° (note: beyond 74° from vertical EN 795:2012 type C or D applies) Installation instructions shall include maximum angle(s) permitted
- Case 3: the manufacturer claims a use between 16 and 74° so out of the range of EN 353-1:2014+A1:2017: relevant tests from EN 353-1:2014+A1:2017 with minimum and maximum claimed values (forward/sideward and combined if claimed), including a risk analysis and practical test (according to article .5.1.3).  
Maximum allowed angle: 74° (note: beyond 74° from vertical EN 795:2012 type C or D applies)  
Installation instructions shall include maximum angle(s) permitted and the device shall not be marked EN 353-1:2014+A1:2017
- Case 4: If the manufacturer claims a use with various angles (e.g. user moving horizontal from one vertical line to another one): as long as the user does not change his attachment to the anchor line: all tests according to EN 353-1:2014+A1:2017 at horizontal. If not (e.g. presence of corners, maximum horizontal length vs vertical length,...) EN 795:2012 shall apply as test procedure.
- Backward angle shall be tested in the same way (tests, risk analysis, practical tests) Examples :

