
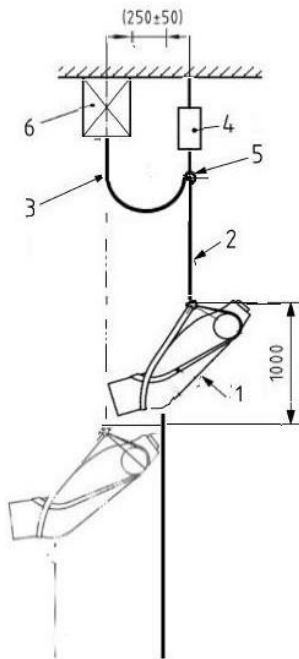
	CO-ORDINATION OF NOTIFIED BODIES PPE Regulation 2016/425 RECOMMENDATION FOR USE	PPE-R/11.140 Version 3 Update in red
Number of pages: 2 Origin : Vertical Group 11 'Protection against Falls from a Height'		Approval stage : Approved on : <input checked="" type="checkbox"/> Vertical Group n/a 09/10/2024 <input checked="" type="checkbox"/> Horizontal 15/09/2025 Committee <input type="checkbox"/> EU PPE Expert Group
Question related to <input checked="" type="checkbox"/> PPE Regulation <input checked="" type="checkbox"/> EN/prEN: EN 12841-B:2024/ EN 567:2013/ EN 361:2002/ EN 358:2018/ EN 813:2024/ EN 12277:2015+A1 :2018 Other:		
Article: Annex: Clause:		
Key words: Rope clamp/Rope adjustment device used in harnesses		
Question: How to assess harnesses including a rope clamp/rope adjustment device or a specific attachment point (e.g. small size stitched loop) designed only for rope clamp/rope adjustment device? 		
Solution: Harnesses including a rope clamp/rope adjustment device shall fulfil following requirements beyond the PPE Regulation: 1- Rope clamp/Rope adjustment device shall conform to EN 12841:2024 type B (rope access use) and/or EN 567:2013 (mountaineering use) 2- Harness including a rope clamp/rope adjustment device or an attachment point specifically designed for rope clamp/rope adjustment device shall fulfil: EN 361:2002 and/or EN 358:2018 and/or EN 813:2024 and/or EN 12277:2015/A1:2018 3- Harness attachment point specifically designed only for rope clamp/rope adjustment device shall fulfil following tests depending on the scope of use: 3.1 EN 12841:2024 type B use claimed for rope access (for EN 361:2002, EN 358:2018, EN 813:2024 harness) a) Minimum Working Strength: according to article 4.4.3 (F=4kN/3min or 1.4 times of maximum rated load) b) Dynamic Strength and Residual Strength Test (general condition): instead of article 4.4.4 use following test procedure: > Use EN 364:1992 torso dummy (with maximum user weight)		

- > Test setup: Anchor point – test lanyard (1m EN 892:2012+A3:2023 single rope \geq 11mm with an impact force of $(9 \pm 1,5)$ kN – EN 362:2004 connector – anchor line (5m of rope type claimed by the manufacturer based on EN 12841:2024 requirement) with maximum diameter
- > Place the rope adjustment device of the harness 1m below the top point of anchor line and suspend the dummy for 60 sec.
- > Connect the quick release mechanism to EN 362:2004 connector between test lanyard and anchor line and raise the system 1m to generate a 1m long free fall
- > Release the system
- > Measure locking distance H_{LD} (max. 2m) of rope adjustment device (based on EN 12841/B:2024)
- > With the rope adjustment device still in position after the test increase the total mass on the rope adjustment device without shock to 3kN. Check whether the rope adjustment device holds the mass for 3 min.
- > Repeat the test with anchor line with minimum diameter as claimed by manufacturer



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| 1 | torso dummy (incl. rope adjustment device) |
| 2 | anchor line |
| 3 | test lanyard (1m EN892:2012 + A3:2023 single rope) |
| 4 | quick release mechanism |
| 5 | connector between test lanyard and anchor line |
| 6 | anchor point |

3.2 EN 567:2013 use claimed for mountaineering (for EN 12277:2015/A1:2018 harness)
 a) Static Strength Test: according to EN 567:2013 article 4.2.1 ($F=4\text{kN}$ – no cycles)