



CO-ORDINATION OF NOTIFIED BODIES
PPE Regulation 2016/425

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Version 2

RECOMMENDATION FOR USE

Number of pages: 2		Approval stage :	Approved on :
Origin : Vertical Group 11 'Protection against Falls from a Height'		<input checked="" type="checkbox"/> Vertical Group	21.04.2018
		<input checked="" type="checkbox"/> Horizontal Committee	21.04.2018
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Question related to	<input checked="" type="checkbox"/> PPE Regulation	<input checked="" type="checkbox"/> EN/prEN: EN 353-2 :2002	<input type="checkbox"/> Other:
Article:	Annex:	Clause:	
Key words: Fall protection system; special use			
Question: How to test and certify fall protection systems for use in corrosion protective work on latticed tower masts			
Solution: See attached			

Requirement:	<p>see EN 353-2:2002</p> <p>diverging from the standard in the following points:</p> <ul style="list-style-type: none"> - length of the lanyard > 1 m - arrest distance $H \leq 5,75$ m - the „locking test after conditioning" can be omitted
Additional requirements:	<ul style="list-style-type: none"> - The fall arrester must be provided with a self-locking device that prevents the fall arrester from sliding down the anchor line. - It must not be possible to release the locking device of the fall arrester when the user holds on to it in panic in case of a fall from a height. - static strength test of the anchor line with the fall arrester attached (15 kN, to be maintained for 3 min.) - The correct function of the fall arrest system has to be ensured even if the coating materials can soil the device. - The position of the lower attachment on the anchor line must not change during the loading or load alleviation of the flexible anchor line.
Tests to be carried out:	<ul style="list-style-type: none"> - dynamic performance test with the shortest possible length of the rope, according to EN 364:1992, clause 5.5.2. - for systems with two ropes, the load may be measured at either the fall arrester or at the lanyard - dynamic performance in the lower part of the anchor line; with the system attached at the maximum permissible height (drop test with a 100 kg falling mass carried out at a height of approx. 8 m above ground level - measure the arrest distance H after the test, no determination of the arrest force) - dynamic performance test according to EN 364:1992, clause 5.5.4 - static strength of the flexible anchor line (for textile materials 22 kN, for metallic materials 15 kN, to be maintained for 3 min. in either case), attachment at the end terminations for ropes with permanently installed end terminations or via discs for ropes without permanently installed end terminations (knots) - static strength test of the lanyard, according to EN 364:1992, clause 5.2.2 (for textile materials 22 kN, for metallic materials 15 kN). - static strength test carried out on the anchor line with the guided type fall arrester attached (15 kN, to be maintained for 3 min.), if necessary, the rope is knotted in order to block the fall arrester - corrosion resistance according to EN 364:1992, clause 5.13 - if the flexible anchor line consists of two ropes, static strength test of the lower attachment (15 kN, to be maintained for 3 min.)
Tests to be carried out:	<ul style="list-style-type: none"> - dynamic performance test with the shortest possible length of the rope, according to EN 364:1992, clause 5.5.2. - for systems with two ropes, the load may be measured at either the fall arrester or at the lanyard - dynamic performance in the lower part of the anchor line; with the system attached at the maximum permissible height (drop test with a 100 kg falling mass carried out at a height of approx. 8 m above ground level measure the arrest distance H after the test, no determination of the arrest force) - dynamic performance test according to EN 364:1992, clause 5.5.4 - static strength of the flexible anchor line (for textile materials 22 kN, for metallic materials 15 kN, to be maintained for 3 min. in either case), attachment at the end terminations for ropes with permanently installed and terminations or via discs for ropes without permanently installed end terminations (knots) - static strength test of the lanyard, according to EN 364:1992, clause 5.2.2 (for textile materials 22 kN, for metallic materials 15 kN) - static strength test carried out on the anchor line with the guided type fall arrester attached (15 kN, to be maintained for 3 min.), if necessary, the rope is knotted in order to block the fall arrester - corrosion resistance according to EN 364:1992, clause 5.13 - if the flexible anchor line consists of two ropes, static strength test of the lower attachment (15 kN, to be maintained for 3 min.)
Additional information to be included in the instructions for use:	<ul style="list-style-type: none"> - information that the fall arrest system may only be used in corrosion protection work on latticed tower masts. - warning: a collision with elements of the structure cannot be excluded