

	CO-ORDINATION OF NOTIFIED BODIES Machinery Directive 2006/42/EC + Amendment RECOMMENDATION FOR USE	CNB/M/09.502 Revision 01 Language: E
Date of first stage: 20/06/2016	To be approved by:	Approved on:
Origin: VG9 Lifting persons device (LPD)	<input checked="" type="checkbox"/> Vertical Group <input checked="" type="checkbox"/> Horizontal Committee To be endorsed by: <input checked="" type="checkbox"/> Machinery Working Group....	01/06/2015 29/06/2016 Endorsed on: dd/mm/yyyy
Question related to: Directive 2006/42/EC Annex: II	Article: ESR (1): 1.3.2 Risk of break-up in operation 6.1.1 Mechanical Strength	EN/prEN: a) EN 1808 Clause: CEN TC concerned: a) CEN/TC 98 Lifting platforms Other: Other clause:
Key words: lifting platforms, lifts, gripping device/safety gear, tripping device / overspeed governor, safety device, lifting persons		
<p>Question:</p> <p>Safety devices in machinery for lifting persons can consist of components which may be affected by wear. For example a safety gear triggered by an overspeed governor. When wear of a component can lead to a complete loss of functioning of the safety device, extra measures are necessary. The manufacturers usually specify a safe life period for these components.</p> <p>The relevant standard for this type of machine (EN1808:2015) has no additional requirements for testing and evaluation of safety relevant components affected by wear. Also this standard demands no determination of a lifetime of safety relevant components in the case these components are affected by wear.</p> <p>Is it necessary to verify during a type examination the prescribed life time by the manufacture and what are the conditions?</p>		
<p>Solution:</p> <p>The claimed lifetime of all safety components that are affected by wear needs to be verified during a type examination.</p> <p>Basis for the verification is the $B_{0,01d}$ value of the tested components which needs to be higher than the prescribed overhaul/lifetime by the manufacturer.</p> <p>The $B_{0,01d}$ value is based on the B_{10d} value used by EN ISO 13849-1:2015.</p> <p>The $B_{0,01d}$ value can be determined by calculation and verified by testing.</p> <p>E</p>		