

	CO-ORDINATION OF NOTIFIED BODIES Machinery Directive 2006/42/EC + Amendment RECOMMENDATION FOR USE	CNB/M/09.310 Revision 05 Language: E
Date of first stage: 28/04/1999	To be approved by:	Approved on:
Origin: VG9 Lifting persons device (LPD)	<input checked="" type="checkbox"/> Vertical Group <input checked="" type="checkbox"/> Horizontal Committee	13/04/2010 24/05/2000
Question related to: Directive 2006/42/EC Article: Annex: I ESR (1): 4.1.2.4, 6.1.2	EN/prEN: Clause: CEN TC concerned:	Other: Other clause:
Key words: Man rider winches, one rope suspension		
Question: Is it acceptable to use one-rope suspension in person lifting device?		
<p>Solution:</p> <p>At silo access equipment and man rider winches doubled suspension elements create hazards which are not acceptable, e. g. twisting, entanglement, etc. Therefore on these equipment one-rope suspension is acceptable provided</p> <ol style="list-style-type: none"> 1. steel wire ropes with at least 10mm diameter are used in order to have a certain resistance against mechanical damage, 2. the factor of utilisation is at least 10, 3. the design of the rope drive is in accordance with prEN 280:1998, Annex C, with the load collective "heavy", 4. there are protective means preventing derailing of the rope from the drum or any pulley, 5. the winding up on the drum is governed by a spooling device, 6. there is a slack-rope device 7. the rope is suitably protected against corrosion and other environmental influences and 8. the instructions for use are clearly stating <ul style="list-style-type: none"> • the need of periodical inspections of the device • the need of inspection of the rope before starting work where the winch was not used for a longer period of time taking into account the provisions laid down in the EU-Directive 2009/104/EC and environmental conditions and • criteria for the replacement of the rope. <p>These provisions do not cover all aspects of these kind of LPD. Other aspects have to be subject of a risk assessment in accordance with the Machinery Directive.</p> <p>Adaptation procedure: FORMAL ADAPTATION IN CONFORMITY WITH DIRECTIVE 2006/42/EC</p>		

(1) Essential safety requirement

Note: According to point 6.6 of the Guide of the implementation of directives based on the New Approach and the Global Approach, the notified bodies apply as general guidance this recommendation for use.