	CO-ORDINATION OF NOTIFIED BODIES **Machinery Directive 2006/42/EC + Amendment** **RECOMMENDATION FOR USE**	CNB/M/09.408 Revision 02 Language: E

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Origin: VG9 Lifting persons devices	☑ Vertical Group ..... ☑ Horizontal Committee ..... To be endorsed by: ☑ Machinery Working Group....	13/04/2010 15/06/2010 Endorsed on:

Question related to: Directive 2006/42/EC	Article:	EN/prEN:	Other:
Annex: I	ESR (1): 6.4	Clause:	Other clause:
		CEN TC concerned:	

Key words: Interchangeable equipment, quick coupling

Question:

Under what conditions are quick couplings between the machinery for the lifting or moving of persons and the carrier acceptable?

Solution:

Normally the carrier of machinery for the lifting or moving of persons (in the following referenced as “machinery”) is fixed to the machinery. Nevertheless some machinery (e.g. telehandlers, mobile cranes or loader cranes) may be equipped with a quick coupling to facilitate the exchange of the carrier.

The connection between the machinery and the carrier must finally be of the positive engagement type (i.e. that the connection takes forces in both directions and the carrier shall not become loose when hitting on an obstacle) by one of the following means:

- using a fixed connection (e.g. with screws and nuts or pins) and a measure against loosening (e.g. lock washers or locking pins),
- a quick coupling where
  - the locking system shall keep the attachment bracket in the locked position by a positive engagement system and retain it locked under all intended/normal operating conditions;
  - it shall be possible to verify the locked position of the attachment bracket from the operator’s station, or from the location where the locking control is operated;
  - it shall not be possible to release the bracket by malfunction or loss of engagement forces.
  - If for the positive engagement of a quick coupling an additional action is required by the operator, this action shall be monitored and interlocked with the drive.

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