



CO-ORDINATION OF NOTIFIED BODIES  
PPE-Directive 89/686/EEC + amendments

CNB/P/08.037  
Revision 01  
Language: E

RECOMMENDATION FOR USE

Number of pages: 1	Date: 06.03.2017	Approval by :	Approved on :
Origin : VG8		<input checked="" type="checkbox"/> Vertical Group	17.03.2017
		<input checked="" type="checkbox"/> Horizontal Committee	30.03.2017
		<input checked="" type="checkbox"/> Standing Committee	(date)
Question related to: Directive 89/686/EEC	Annex:	Article:	EN/prEN: EN ISO 12402:2006+2010 Amendments
			Other:
			Clause: See below
Key words: Gas cylinder security for inflatable PFD's			
Question: It is not currently clear how to assess security of gas cylinders for inflatable PFD's when testing in accordance with ISO 12402:2006+2010 Amendments. 1. What method is to be used in EN ISO 12402-9:2006+A1:2011 to evaluate gas cylinder security for inflatable PFDs? 2. What are the requirements for inflatable PFD's, with regards to gas cylinder security and retention, in accordance with EN ISO 12402:2006+2010 Amendments (parts 2-5)?			
Solution: 1. The Rotating Shock Bin test in clause 5.5.3 shall be used to evaluate that the gas cylinder remains secure and does not work loose so as to affect correct inflation of the PFD. The Rotating Shock Bin test shall be carried out following the Temperature Cycling test in clause 5.5.4 to ensure validation after prior exposure to the range of differing climatic conditions of expected use. 2. Requirements for all inflatable PFD's in accordance with EN ISO 12402:2006+2010 Amendments (Parts 2-5): 'There shall be no damage impairing the performance of the PFD when tested in accordance with EN ISO 12402-9:2006+A1:2011, Clause 5.5.3. In addition, for an inflatable device, any status indicators shall maintain a positive indication and the gas cylinder shall not become loosened or dislodged.' Additional information to be marked on the PFD: The instruction: "Check before each use according to manufacturer's instructions." Additional user information to be supplied by the manufacturer: The manufacturer must supply information on how to correctly carry out a pre-wear check before each use.  Throughout the entire test programme following all test procedures in ISO12402-9:2006+A1:2011, the security and retention of the gas cylinder(s) must be checked. There shall be no re-tightening or re-adjusting of gas cylinders during the test programme. If a gas cylinder becomes loose or dislodged following any test, resulting in the lifejacket not being able to achieve correct inflation and performance, the test is deemed to be failed.			
Sent to: <input checked="" type="checkbox"/> members of the VG <input type="checkbox"/> other(s) VG <input checked="" type="checkbox"/> HC (2) <input type="checkbox"/> TC (3) <input type="checkbox"/> SC (4) <input type="checkbox"/> other (5)			
(5)			

(1) Essential safety requirement  
(2) HC = horizontal committee

(3) N° of CEN/TC (Secretary & Chairman)  
(4) EEC Standing Committee 89/392

(5) To be specified