



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

CNB/P/10.107  
Revision 01  
Language: E

**RECOMMENDATION FOR USE**

|  |                |  |               |
|--|----------------|--|---------------|
| Number of pages: 1   | Date: 16/03/07 | Approval by :  | Approved on : |
| Origin: SATRA  |                | <input checked="" type="checkbox"/> Vertical Group       | 16/03/07      |
|  |                | <input checked="" type="checkbox"/> Horizontal Committee | 13/09/11      |
|  |                | <input type="checkbox"/> Standing Committee              |               |
| Question related to: Leakproofness   | EN ISO 20345   | Other:   |               |
| Annex:   | Article:       | Clause:  |               |
| Key words:<br>Leakproofness EN ISO 20344 Clause 5.7  |                |  |               |
| Question:<br>The above test requires an internal pressure of 10 +/- 1 kPa. This is equivalent to the pressure from a 1 m head of water which is similar to the immersion depth of the test sample in the water tank. This means that the internal pressure is not sufficiently high to ensure that holes are always detected. Also if a boot with a hole in it is immersed before being inflated, it will start to fill with water such that when the pressure inside the boot is applied all that will initially be expelled (ie for the 30 second test time) will be the water inside the boot. This is very difficult to visually detect. |                |  |               |
| Solution:<br>Change the test procedure to inflate the boot using air at a pressure of 30 kPa.  |                |  |               |
| Sent to: <input checked="" type="checkbox"/> members of the VG <input type="checkbox"/> other(s) VG <input type="checkbox"/> HC (2) <input checked="" type="checkbox"/> TC (3) <input type="checkbox"/> SC (4) <input type="checkbox"/> other (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