

	<p>CO-ORDINATION OF NOTIFIED BODIES PPE-Directive 89/686/EEC + amendments</p> <p>RECOMMENDATION FOR USE</p>	<p>CNB/P/ 00.148 Revision: 00 Language: E</p>	
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Origin : DEKRA EXAM		<input type="checkbox"/> Ad hoc Group..... <input checked="" type="checkbox"/> Horizontal Committee <input type="checkbox"/> Standing Committee	23/09/2016
Question related to : PPE with control systems Annex : II Article : 10		EN/prEN : ----- Clause :	Other : -----
Key words : control systems			
Question : Which information shall be assessed during the EC-type examination according to article 10 if a control system is necessary to ensure a required protection of PPE?			
<p>Recommended solution :</p> <p>The manufacturer's technical file shall include detailed documentation based on his risk assessment covering e.g. the following:</p> <ul style="list-style-type: none"> - the specification of the safety function(s). These are functions of a control system which ensure a required protection (e.g. airflow, O₂ concentration, sound attenuation, light attenuation); - the assessment and definition of the safety relevant parameters of the safety function (e.g. value of minimum airflow, value of min./max. O₂ concentration) ; - the definition of the required performance level of the safety function. The definition shall cover the determination, verification and validation of the performance level (e.g. using the methods of EN ISO 13849-1 / IEC 62061, EN ISO 12100); - the consideration of a possible loss or deviation of the necessary energy supply; <p>The manufacturer shall declare that he controls the adequacy and effectiveness of the control system. The notified body shall assess the technical documentation to verify the content accurately reflects the above requirements.</p> <p><i>Note: Electronic and mechatronic components, so called control systems, may be used to ensure the required protection against risks of PPE like e.g. electro-optical filters for welding, electronic hearing protection devices (HPD), powered filtering devices, self-contained breathing apparatus (SCBA) or self-contained re-breathing diving apparatus.</i></p>			
Sent to: <input 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) EU Commission			

(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