



CO-ORDINATION OF NOTIFIED BODIES
PPE Regulation 2016/425

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RECOMMENDATION FOR USE

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Question related to	<input checked="" type="checkbox"/> PPE Regulation	<input type="checkbox"/> EN/prEN: <input type="checkbox"/> Other:
Article:	Annex: V	Clause:
Key words: control systems		
Question: Which information shall be assessed during the EU type-examination if a control system is necessary to ensure a required protection of PPE?		
Solution: The manufacturer's technical documentation shall include detailed documentation based on his risk assessment covering e.g. the following: <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; 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.		
<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>		