


ExNB	Co-ordination of Notified Bodies Equipment for use in potentially explosive atmospheres on Council Directive 94/9/EC (ATEX)	Clarification Sheet N° ExNB/01/105/CS
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Originator	WG 98/5	Status:	Initial proposal	Date:	2001-05-15
			Responses/Final Draft	Date:	2001-05-15
			Revised	Date:	2011-12-07

EC-type examination of gas detectors incorporating an measuring function for explosion protection

Authorised by Chairman: (Step*5.2.4)	Dr. Thedens	Date:	2011-12-19
Date of application:	2011-12-19	Signature:	

Question:

Today requirements concerning electromagnetic compatibility are covered by the EMC-directive 2004/108/EC. Have the clause 5.4.21 of EN 60079-29-1, clause 5.4.20 of EN 50104 and clause 5.4.17 of EN 60079-29-4 nevertheless to be applied concerning EC-type examination under the scope of directive 94/9/EC? If not, what documentation is necessary to confirm compliance with annex II, clause 1.4.1.?

Answer:

EN 50270 has been accepted as harmonized standard for gas measuring instruments (intended use in potentially explosive atmospheres included) under the scope of directive 2004/108/EC and the second edition was published in 2006. The application of this standard is required by clause 5.4.21 of EN 60079-29-1, clause 5.4.20 of EN 50104 and clause 5.4.17 of EN 60079-29-4. Test reports according to EN 50270 and the declaration of conformity with the EMC-directive of a manufacturer should be accepted by bodies notified under directive 94/9/EC.

Subject:	Directive, 94/9/EC Article No.	
	Directive, ESR No.	94/9/EC, annex II, 1.5 and 1.4.1
	Directive, Module Annex No.	94/9/EC, annex III
	Standard, No.	EN 60079-29-1 clause 5.4.21, EN 50104, clause 5.4.20 EN 60079-29-4, clause 5.4.17