

ExNB	Co-ordination of Notified Bodies Equipment for use in potentially explosive atmospheres on Council Directive 94/9/EC (ATEX)	Page 1 of 1
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European ATEX Notified Bodies Group

Clarification/Decision Sheet N° ExNB/00/056/CS	Editon 1.0
<i>Original in English</i>	

Status:	Step*5.2.1	Question	Originator	HOTL 48.08¹	Date:	
	Step*5.2.3	Initial proposal	Proposer:		Date:	
	Step*5.2.4	Responses/Final Draft			Date:	

**Step refers to ExNB Rules*

Subject: EN 50018:1977 Clause 3 and EN 50018:1994 Clause 14, Frequency Converters and EEx d Motors

Authorised by Chairman: M. Shearman		Date:	
Date of application:		Signature:	

Question: What shall be verified if an EEx d motor is energised through a frequency converter?

Answer: The following shall be verified:

- temperature rise of the motor in combination with the converter.
- thermal protection is provided in or on the motor windings.
Note: thermal protection in or on the motor winding is not necessary if the converter is specified and included in the certificate.
- In all cases the protection efficiency means shall be tested.

¹ Current wording relates to 76/117/EEC, may be superseded

This ExNB Interpretation/Clarification Sheet has the sole purpose of clarifying the application of the EN Standards and/or of the requirements of Directive 94/9/EC and related documents. It does not in any way change the content of the standards and/or of the requirements. It remains valid until an official answer is received from the European Commission of the relevant standardization bodies.