



(1) EC-TYPE-EXAMINATION CERTIFICATE (Translation)

(2) Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres - **Directive 94/9/EC**

(3) EC-type-examination Certificate Number:

PTB 03 ATEX 3080



(4) Equipment: Three phase motors of type series MD.-.1...

(5) Manufacturer: SÜD-ELECTRIC AG

(6) Address: Westring 1-7
85614 Kirchseeon, Germany

(7) This equipment and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.

(8) The Physikalisch-Technische Bundesanstalt, notified body No. 0102 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres, given in Annex II to the Directive.

The examination and test results are recorded in the confidential report PTB Ex 03-31013.

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 50014:1997 + A1 + A2

EN 50019:2000

(10) If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this certificate.

(11) This EC-type-examination Certificate relates only to the design, examination and tests of the specified equipment in accordance to the Directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of this equipment. These are not covered by this certificate.

(12) The marking of the equipment shall include the following:

II 2 G EEx e II T1, T2, T3 or T4

Zertifizierungsstelle Explosionsschutz
By order:

Braunschweig, August 19, 2003

Dr.-Ing. F. Lienesch
Oberregierungsrat



SCHEDULE

(13)

(14) **EC-TYPE-EXAMINATION CERTIFICATE PTB 03 ATEX 3080**

(15) Description of equipment

Three-phase motors of the type series MD.-.1... of the type of protection Increased Safety "e", whose mechanical construction has been specified in the test report according to clause 16 below and whose electrical design has been specified in an associated data sheet, each according the manufacturer's application.

(16) Test report PTB Ex 03-31013

(17) Special conditions for safe use

not applicable

(18) Essential health and safety requirements

met by standards

Zertifizierungsstelle Explosionsschutz

By order:



Dr.-Ing. F. Lienesch
Oberregierungsrat



Braunschweig, August 19, 2003

1. SUPPLEMENT

according to Directive 94/9/EC Annex III.6

to EC-TYPE-EXAMINATION CERTIFICATE PTB 03 ATEX 3080

(Translation)

Equipment: Three phase motors of type series MD.-.1...

Marking:  II 2 G Ex e II T1, T2, T3 or T4

Manufacturer: SÜD-ELECTRIC AG

Address: Westring 1-7, 85614 Kirchseeon, Germany

Description of supplements and modifications

The motors, whose mechanical construction has been described in test report PTB Ex 03-31013, were tested and certified in accommodation to EN 50014 and EN 50019. They are again validated to be in accordance with EN 60079-0 and EN 60079-7.

The explosion protection marking is modified in accommodation to EN 60079-0:2004.

Applied standards

EN 60079-0:2004

EN 60079-7:2003

Test report: PTB Ex 07-36207

Zertifizierungsstelle Explosionsschutz

Braunschweig, April 16, 2007

By order:



Dr.-Ing. F. Lienesch
Oberregierungsrat

