



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: IECEx NEM 09.0012U issue No.: 0 Certificate history:

Status: **Current**

Date of Issue: **2009-10-27** Page 1 of 4

Applicant: **Technor asa**
Postboks 658
Dusavikveien 39
4003 Stavanger
Norway
Norway

Electrical Apparatus: **Cable bushings and blindplugs.**
Optional accessory:

Type of Protection: **Flameproof enclosures "d"**

Marking: Ex d II

Approved for issue on behalf of the IECEx Certification Body: Rolf Hoel
Position: Certification Manager, Ex-products

Signature:
(for printed version)

Date:

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the Official IECEx Website.

Certificate issued by:

NEMKO
Gautastelleen 30
Oslo N-0314
Norway



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Manufacturer: **Technor asa**
Postboks 658
Dusavikveien 39
4003 Stavanger
Norway
Norway

Additional Manufacturing location (s):

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.

STANDARDS:

The electrical apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

- IEC 60079-0 : 2004** Electrical apparatus for explosive gas atmospheres - Part 0: General requirements
Edition: 4.0
- IEC 60079-1 : 2007-04** Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition: 6

This Certificate does not indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in

Test Report:
NO/NEM/EXT/09.0006/00

Quality Assessment Report:



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

TNDLD, standard cable bushing
TNDLDF, for fibre cable
TNDLDE, for coax cable
TNDLDC, cable bushing with flying lead
TNDLDB, blind plug

CONDITIONS OF CERTIFICATION: NO



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EQUIPMENT(continued):

Technical data for cable bushings:

Rated insulation voltage: max. 1000V

Rated conductor cross-section: Max. 240mm²

Quantity of cables and dimensions can vary in one cable bushing.

Distance between copper wire min. 3mm.

Type and size of threads: Max M42x1,5

Min and max permissible temperature on the bushing surface:

TNDLD : -40°C and 110°C

TNDLDF : -20°C and 76°C

TNDLDE : -40°C and 110°C

TNDLDC : -40°C and 110°C

TNDLDB : -40°C and 120°C

