



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.: issue No.:

Status:

Date of Issue: **2013-06-10** Page 1 of 3

Applicant: **COOPER CAPRI S.A.S**
36-40 rue des Fontenils
F - 41600 Nouan Le Fuzelier
France

Electrical Apparatus: **Cable glands type NEWCAP**
Optional accessory:

Type of Protection: **e, nR and tb**

Marking: Ex eb IIC
Ex nRc IIC
Ex tb IIIC IP66

*Approved for issue on behalf of the IECEx
Certification Body:*

Thierry HOUEIX

Position:

Ex Certification Officer

*Signature:
(for printed version)*

Date:

2013-06-10

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](http://www.iecex.com).

Certificate issued by:

INERIS
**Institut National de l'Environnement Industriel
et des Risques**
BP n2
Parc Technologique ALATA
F-60550 Verneuil-En-Halatte
France



IECEx Certificate of Conformity

Certificate No.: IECEx INE 13.0003X

Date of Issue: 2013-06-10

Issue No.: 0

Page 2 of 3

Manufacturer: **COOPER CAPRI S.A.S**
36-40 rue des Fontenils
F - 41600 Nouan Le Fuzelier
France

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 : 2011 Edition: 6.0	Explosive atmospheres - Part 0: General requirements
IEC 60079-15 : 2010 Edition: 4	Explosive atmospheres - Part 15: Equipment protection by type of protection "n"
IEC 60079-31 : 2008 Edition: 1	Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure 't'
IEC 60079-7 : 2006-07 Edition: 4	Explosive atmospheres - Part 7: Equipment protection by increased safety "e"

*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:

[FR/INE/ExTR13.0002/00](#)

Quality Assessment Report:

[FR/LCI/QAR07.0002/05](#)



IECEx Certificate of Conformity

Certificate No.: IECEx INE 13.0003X

Date of Issue: 2013-06-10

Issue No.: 0

Page 3 of 3

Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

NEWCAP cable glands, with simple neoprene sealing ring, for non armoured cable or braided cable, made in stainless steel, brass, bronze or aluminium alloy, provides a protection degree IP66 and IP68 according to IEC 60529.

The threaded joint can be cylindrical, Metric in accordance with the ISO 965/1 and 965/3, Pg in accordance with DIN 40430 or Conical NPT according to ANSI/ASME B1.20.1.

The verification of the protection degree IPX8 corresponds to an immersion under 30 meters of water during 7 days.

They are protected by increased safety and dust protection. Furthermore, they also may be fitted on 'Ex i', 'Ex m', 'Ex n', 'Ex o', 'Ex p' and 'Ex q' equipment.

CONDITIONS OF CERTIFICATION: YES as shown below:

The user shall provide additional clamping of the cable nearby to the enclosure on which the cable gland is installed.



IECEX Certificate of Conformity

Certificate No.: IECEx INE 13.0003X

Date of Issue: **2013-06-10**

Issue No.: **0**

Page 1 of 2

Annex: IECEx INE 13.0003X_Annex.pdf

PARAMETERS RELATING TO THE SAFETY

These cable glands are intended with the following sizes and threaded joints:

- -n° 4/3 to n° 11 for cable external diameter from 3 to 53 mm.
- Cylindrical thread from M12 to M75 inclusive, according to ISO 965-1 and 965-3.
- Conical thread from NPT 1/4" to NPT 2 1/2" inclusive, according to ANSI/ASME B1.20.1.
- Cylindrical thread from Pg7 to Pg48 inclusive, according to DIN 40430.

These cable glands are intended for the service temperature from -20°C to 80°C.

MARKING

Marking has to be readable and indelible; it has to include the following indications:

- CCH-CAPRI
- NEWCAP...(1)
- IECEx INE 13.0003X
- Ex eb IIC
- Ex tb IIIC IP66
- Ex nRc IIC
- (Type and size of thread)

(1) Type is completed by letters and numbers corresponding to the manufacturer variations.

On the sealing ring: size number to indicate the minimum and maximum cable diameters.

The sealing ring is identified allowing the user to determine if the ring is appropriate for the cable gland.



IECEX Certificate of Conformity

Certificate No.: IECEx INE 13.0003X

Date of Issue: **2013-06-10**

Issue No.: **0**

Page 2 of 2

Annex: IECEx INE 13.0003X_Annex.pdf

On the small cable glands the marking can be reduced at:

- CCH-CAPRI
- NEWCAP.....**(1)**
- IECEx INE 13.0003X

(1) Type is completed by letters and numbers corresponding to the manufacturer variations.

On the sealing ring: size number to indicate the minimum and maximum cable diameters.

The sealing ring is identified allowing the user to determine if the ring is appropriate for the cable gland.

ROUTINE EXAMINATIONS AND TESTS

None.