



(1) EC-TYPE EXAMINATION CERTIFICATE

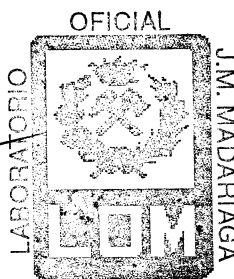
- (2) Equipment or protective system intended for use in potentially explosive atmospheres
Directive 94/9/EC
- (3) EC-Type Examination Certificate number **LOM 02ATEX2016 X**
- (4) Equipment or Protection System Cable glands
Types 15... and 25...
- (5) Applicant: APLEI, S.A.
- (6) Address: Polígono Industrial Calonge
Calle A, Parcela 11, Nave 11
41007 SEVILLA
SPAIN
- (7) This equipment or protective system and any acceptable variation thereto is specified in the schedule to this certificate and the documents there in referred to.
- (8) Laboratorio Oficial J.M. Madariaga (LOM), notified body number 0163 in accordance with Article 9 of the Directive 94/9/EC of the European Parliament of 23 March 1994, certifies that this equipment or protective system 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 confidential report nr **LOM 01.251 DP**
- (9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
— Standards **EN 50014:1997 + A1:1999 + A2:1999**
EN 50019:2000
EN 50281-1-1:1998
- (10) If the sign X is placed after the certificate number, it indicates that the equipment or protective system 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 and construction of this specified equipment or protective system in accordance with the Directive 94/9/EC. Further requirements of the Directive applies to the manufacture and supply of this equipment or protective system. These are not covered by this certificate.
- (12) The marking of the equipment or protective system shall include the following:

 II 2 GD EEx e II IP65

Madrid, 23 April 2002



Carlos Fernández Ramón
DIRECTOR OF THE LABORATORY



Angel Vega Remesal
Head of TEX area

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LABORATORIO OFICIAL J. M. MADARIAGA

(A1) SCHEDULE

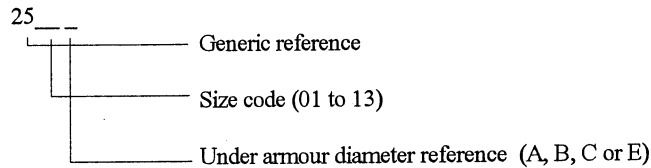
(A2) EC-Type Examination Certificate: **LOM 02ATEX2016 X**

(A3) Description of the certified equipment or system

Threaded cable terminations made of galvanised steel, brass, stainless steel or aluminium for use in increased safety enclosures or equipment to be used in environments with flammable dust.

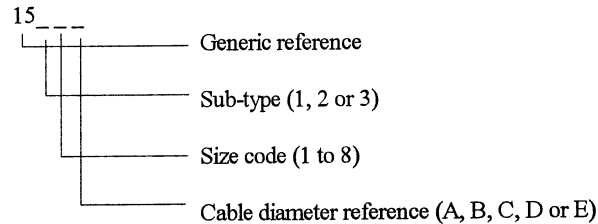
Types 25.. are suitable for use with armoured cables.

Type codification:



Types 15.. are suitable for use with non-armoured cables

Type codification:



These glands have threads types NPT, Pg. , conic GAS, cylindrical GAS or metric.

(A4) Test Report **LOM 01.251 DP**

(A5) Special conditions for safe use

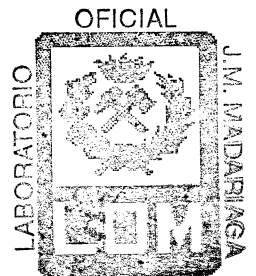
Glands with cylindrical thread must have a watertightness bed joint to guarantee the degree of protection of the enclosure on which they are to be installed.

(A6) Essential requirements of safety and health

The safety requirements against explosion are covered by the application of the standards of page 1/2 of this certificate.

(A7) Descriptive documents

	<u>Rev.</u>	<u>Date</u>
Description No ATEX150 (8 pp)	0	2001-06-20
Description No ATEX250 (12 pp)	1	2002-04-11



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(1) **EC-TYPE EXAMINATION CERTIFICATE SUPPLEMENT**

(2) Equipment or protective system intended for use in potentially explosive atmospheres
Directive 94/9/EC

(3) Supplement nr. 1 to EC-Type Examination Certificate number: **LOM 02ATEX2016 X**

(4) Equipment or Protection System Threaded cable glands
Types 15... and 25...

(5) Applicant: APLEI, S.A.

(6) Address: Polígono Industrial Calonge
Calle A, Parcela 11, Nave 11
41007 SEVILLA
SPAIN

(7) Test report: **LOM 06.439 RP**


(8) Variations included in this certificate

- To increase the ambient temperature operation by using alternative elastomeric gaskets:

Neoprene Ta: -35 °C / 100 °C
Silicone Ta: -50 °C / 140 °C

- Change in the marking by application of the standards EN 60079-0:2004, EN 60079-7:2003, prEN 61241-0:2005 and EN 61241-1:2004

(9) Marking changes

 II 2 G D Ex e II Ex tD A21
Ta: according elastomer used


(10) Descriptive documents

	Rev.	Date
Description ATEX260/1	1	2006-09-29

Madrid, 16th October 2006


LABORATORIO OFICIAL J.M. MADARIAGA

Carlos Fernández Ramón
DIRECTOR OF THE LABORATORY


Angel Vega Remesal
Head of ATEX area

This supplement must be an inseparable part together with the base certificate **LOM 02ATEX2016 X**

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(1) **EC-TYPE EXAMINATION CERTIFICATE SUPPLEMENT**

(2) Equipment or protective system intended for use in potentially explosive atmospheres
Directive 94/9/EC

(3) Supplement nr. **2** to EC-Type Examination Certificate **LOM 02ATEX2016 X**

(4) Equipment or Protection System Cable glands
Types 15.. y 25..

(5) Manufacturer APLEI, S.A.

(6) Address Polígono Industrial Calonge
Metalurgia, 79
41007 SEVILLA
SPAIN

(7) Test report nr.: **LOM 12.196 CP**

(8) Variations included in this certificate

- Update to the standards EN 60079-0:2009, EN 60079-7:2007 and EN 60079-31:2009

(9) Changes in marking



II 2GD

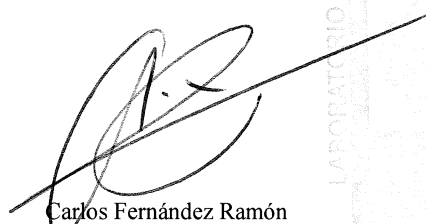
Ex e IIC Gb
Ex tb IIIC Db
IP65

(10) Changes in the special conditions for a safe use

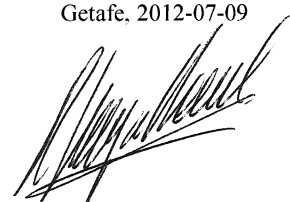
Conditions of the base certificate remain unchanged

(11) Descriptive documents

		<u>Rev.</u>	<u>Date</u>
- Technical dossier nr.:	ATEX260/2	2	2012-07-06


 Carlos Fernández Ramón
 DIRECTOR OF THE LABORATORY

OFICIAL
LABORATORIO OFICIAL J. M. MADARIAGA

Getafe, 2012-07-09

 Angel Vega Remesal
 Head of ATEX area

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