



EU Type Examination Certificate CML 16ATEX1351X Issue 0


- 1 Equipment intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU
- 2 Equipment **ECDE-* Breather/Drain Plugs**
- 3 Manufacturer **Cortem Group SpA**
- 4 Address Cortem SpA – Villesse
Via Aquileia 10
34070 Villesse (Go)
Italy
- 5 The equipment is specified in the description of this certificate and the documents to which it refers.
- 6 Certification Management Limited, Unit 1 Newport Business Park, New Port Road, Ellesmere Port CH65 4LZ, UK, Notified Body Number 2503, in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment intended for use in potentially explosive atmospheres given in Annex II to the Directive.
- 7 The examination and test results are recorded in the confidential reports listed in Section 12.
- 8 If an 'X' suffix appears after the certificate number, it indicates that the equipment is subject to conditions of safe use (affecting correct installation or safe use). These are specified in Section 14.
- 9 This EU Type Examination certificate relates only to the design and construction of the specified equipment or component. Further requirements of Directive 2014/34/EU Article 13 apply to the manufacture of the equipment or component and are separately certified.
- 10 Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the confidential report, has been demonstrated through compliance with the following documents:

EN 60079-0:2012

EN 60079-7:2015

EN 60079-31:2014

- 10 The equipment shall be marked with the following:

 II 2 GD

Ex eb IIC Gb

Ex tb IIIC Db

Ta = -60°C to +150°C



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11 Description

The ECDE-* Breather/Drain Plugs are manufactured from either brass or stainless steel and comprise a threaded body with a hexagonal head at one end. The threaded portion has two diametrically opposed slots along its length and contains a sintered filter, manufactured from either brass or stainless steel retained by a stainless steel circlip.

The ECDE-* Breather/Drain Plugs are intended to permit exchange between the atmosphere inside an associated enclosure and the surrounding atmosphere or to permit any liquid condensate within an associated enclosure to flow out.

12 Certificate history and evaluation reports

Issue	Date	Associated report	Notes
0	23 Dec 2016	R1304A/00	Issue of prime certificate

Note: Drawings that describe the equipment or component are listed in the Annex.

13 Conditions of manufacture

The following conditions are required of the manufacturing process for compliance with the certification.

13.1 Where the product incorporates certified parts or safety critical components the manufacturer shall ensure that any changes to those parts or components do not affect the compliance of the certified product that is the subject of this certificate.

14 Special Conditions for Safe Use (Conditions of Certification)

The following conditions relate to safe installation and/or use of the equipment.

14.1 The ECDE-* Breather/Drain Plugs shall be used with the supplied sealing rings and the installer shall ensure that the surface of the enclosure against which the sealing rings seals is in good condition.

14.2 When the ECDE-* Breather/Drain Plugs are intended for use as a drain, they must be installed at the bottom of the enclosure.

14.3 The ECDE-* Breather/Drain Plugs shall not be used with any form of entry device.

14.4 The service temperature at the point of mounting shall not exceed the range -60°C to +150°C.

Certificate Annex



Certificate Number CML 16ATEX1351X
Equipment ECDE-* Breather/Drain Plugs
Manufacturer Cortem Group SpA

The following documents describe the equipment or component defined in this certificate:

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Drawing No	Sheets	Rev.	Approved date	Title
A3-6546	1 of 1	0	23 Dec 2016	Breather and drain valve ECDE-...