

1 EU - Type Examination Certificate

2 Equipment intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU

3 Certificate Number: ExVeritas 16ATEX0209 Issue: 1

4 Equipment: Vibration Guard

5 Manufacturer: PCH Engineering

6 Address: Ved Klædebo 4, 2970 Hørsholm, Denmark

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

8 ExVeritas, Notified Body number 2585 in accordance with Article 9 of the Council Directive 2014/34/EU of 26 February 2014, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to design and construction of equipment and protective systems for use in potentially explosive atmospheres given in Annex II to the Directive

9 Compliance with the applicable Essential Health and Safety Requirements has been assured by compliance with the following Standards and section 16 of this certificate:

EN 60079-0: 2012+A11:2013 EN 60079-1:2014 EN 60079-31:2014

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 EU-Type Examination Certificate relates only to the design, construction, examination and tests of the specified equipment or protective system in accordance to the Directive 2014/34/EU. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.

12 The marking of the equipment shall include the following:

 II 2 G Ex db IIC T6 Gb -20°C ≤ Ta ≤ +65°C

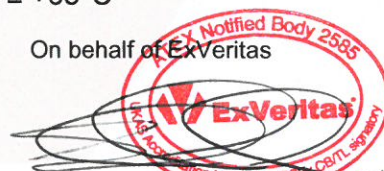
 II 2 D Ex tb IIIC T75°C Db -20°C ≤ Ta ≤ +65°C

 I M2 Ex db I Mb -20°C ≤ Ta ≤ +65°C



No. 8613

On behalf of ExVeritas



Sean Clarke CEng MSc MIET
Certification Manager

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The certificate is only valid when it carries an original signature.

For help or assistance relating to this certificate, contact info@exveritas.com.

ExVeritas, Units 16-18, Abenbury Way, Wrexham Industrial Estate, Wrexham, United Kingdom LL13 9UZ.

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Schedule

13 Description of Equipment or Protective System

The PCH1275 and 1277 Vibration Guard comprises a stainless steel enclosure containing an electronic unit for measuring vibrations. The unit is delivered with a permanently connected cable attached to it, and a certified M20 cable gland is used for the entry, which is not intended to be removed. An M40 blanking plug is used to provide access to the user settable DIP switches and push buttons.

Technical Data:

24VDC Max 1.33W

14 Descriptive Documents

14.1 Associated Report and Certificate History:

Report Number	Cert Issue Date	Issue	Comment
R1025/A/1	12-01-2017	1	Initial issue of the DRAFT Certificate

14.2 Compliance Drawings:

Issue 1

Number	Date	Issue	Description
CHP 1239	2016-05-20	01	Earthtag for PCH 1275/1277 i messing
CHP 1232	2007-08-30	01	Earthtag for PCH 1275/1277 i stål 1.4404
CHW 1364	2016-05-22	04	ATEX del af hus for PCH 1275/1277
CHW 1367	2016-12-08	05	Samlingstegning af PCH 1775/1277
CHW 1370	2016-12-08	05	Samlingstegning af PCH 1275/1277 CHH 1158
CHR 3342	2016-12-08	08	Type nr. label for PCH 1275, Gas, Dust
CHR 3343	2016-12-08	08	Type nr. label for PCH 1277, Gas, Dust
CHR 3361	2016-12-08	09	Type nr. Label for PCH 1275, Mines
CHR 3363	2016-12-08	07	Type nr. Label for PCH 1277, Mines
CHF 5307	2016-12-15	03	Energy calculation
CHF 2068	2016-12-06	01.01	ATEX IECEx User Manual Section A PCH 1275 - 1277

15 Conditions of Certification

15.1 Special Conditions for Safe Use
None.

15.2 Conditions for Use
None.

16 Essential Health and Safety Requirements

Essential Health and Safety Requirements are addressed by the standards listed in section 9 and where required the report listed in section 14.1

The manufacturer shall inform the Notified Body of any modifications to the design of the product described by this schedule.

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