



UNITED KINGDOM CONFORMITY ASSESSMENT

1 **UK TYPE EXAMINATION CERTIFICATE**

2 Equipment or Protective System Intended for use in Potentially Explosive Atmospheres
UKSI 2016:1107 (as amended) – Schedule 3A, Part 1

3 Certificate Number: **CSAE 22UKEX1197** Issue: **0**
4 Product: **Model PLS Level Switch & Model PLS Safepoint Level Switch**
5 Manufacturer: **Delta Mobrey Limited**
6 Address: **Hudson House
Albany Park
Camberley
Surrey, GU16 7PL
United Kingdom**

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

8 CSA Group Testing UK Limited, Approved Body number 0518, in accordance with Regulation 42 of the Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres Regulations 2016, UKSI 2016:1107 (as amended), certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Schedule 1 of the Regulations. The examination and test results are recorded in the confidential reports listed in Section 14.2.

9 Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN IEC 60079-0:2018 EN 60079-31:2014 EN ISO 80079-36:2016 EN ISO 80079-37:2016

Except in respect of those requirements listed at Section 16 of the schedule to this certificate. The above standards may not appear on the UKAS Scope of Accreditation, but have been added through flexible scope of accreditation, which is available on request.

10 If the sign 'X' is placed after the certificate number, it indicates that the product is subject to Specific Conditions of Use identified in the schedule to this certificate.

11 This UK TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified product. Further requirements of the Regulations apply to the manufacturing process and supply of this product. These are not covered by this certificate.

12 The marking of this product shall be in accordance with Regulation 41 and include the following:

Standard Model:

For PLSK3*A/PLSH**3*A**



II 1/2 D
Ex ta/tb IIIC T100°C Da/Db
Ex h IIIC T100°C Da/Db
(Ta -40°C to +93°C)

Safepoint Model:

For PLSP3*A/PLST**3*A**



II 1/2 D
Ex ta/tb IIIC T85°C Da/Db
Ex h IIIC T85°C Da/Db
(Ta -40°C to +65°C)

Name: M Halliwell
Title: Director of Operations



Certificate No. CSAE 22UKEX1197
CSA Group Testing UK Ltd., Unit 6 Hawarden Industrial Park, Hawarden, CH5 3US, UK
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SCHEDULE

UK TYPE EXAMINATION CERTIFICATE

**CSAE 22UKEX1197
Issue 0**

13 DESCRIPTION OF PRODUCT

The Model PLS Level Switch & Model PLS failsafe Safepoint Level Switch are level monitoring devices for bulk powder applications. The equipment comprises an enclosure with an external rotating shaft and paddle assembly. The enclosure is mounted on a powder container with the rotating shaft protruding through into the enclosed space. When the material in the container rises to interrupt the rotation of the shaft this is detected by the electrical equipment inside the enclosure. Output signals are then provided for control purposes.

The standard model has mechanical level detection and the Safepoint model electronic level detection. Both units have the following rating options:

24 - 230 Vac 12 Vdc 24 V dc

14 DESCRIPTIVE DOCUMENTS

14.1 Drawings

Refer to Certificate Annexe.

14.2 Associated Reports and Certificate History

Issue	Date	Report number	Comment
0	27 February 2023	R80097235A	The release of the prime certificate.

15 SPECIFIC CONDITIONS OF USE (denoted by X after the certificate number)

None

16 ESSENTIAL HEALTH AND SAFETY REQUIREMENTS (REGULATIONS SCHEDULE 1)

In addition to the Essential Health and Safety Requirements covered by the standards listed in Section 9, all other requirements are demonstrated in the relevant reports.

17 PRODUCTION CONTROL

17.1 Holders of this certificate are required to comply with production control requirements defined in Schedule 3A, as applicable, and CSA Group Testing UK Regulations for Certificate Holders.

17.2 The products covered by this certificate incorporated pre-certified components; it is therefore the responsibility of the manufacturer to continually monitor the status of these devices, and they shall inform CSA of any modifications of these devices that may impinge upon the explosion safety design of their products.



Certificate Annexe

Certificate Number: CSAE 22UKEX1197
Product: Model PLS Level Switch & Model PLS Safepoint Level Switch
Manufacturer: Delta Mobrey Limited

Issue 0

Drawing	Sheets	Rev.	Date (Stamp)	Title
APR D1346	1 of 1	B	22 Feb 23	Nameplate, KAX, UKEX, Mobrey
APR D1347	1 of 1	C	22 Feb 23	Nameplate, Safepoint, UKEX, Mobrey



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