

1 **UNITED KINGDOM CONFORMITY ASSESSMENT**
2 **UK TYPE EXAMINATION CERTIFICATE**

3 **Product Intended for use in Potentially Explosive Atmospheres**
4 **UKSI 2016:1107 (as amended by UKSI 2019:696) – Schedule 3A, Part 1**

5 Type Examination Certificate Number: **ExVeritas 21UKEX1036 X** Issue: **1**

6 Product: Submersible pumps and mixers

7 Manufacturer: Landia A/S

8 Address: Industrivej 2
6940 Lem St.
Denmark

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

10 ExVeritas Limited Approved Body number 2585, 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 by UKSI 2019:696), 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.

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

EN IEC 60079-0: 2018
EN ISO 80079-37: 2016

EN 60079-1: 2014

EN ISO 80079-36: 2016

Except in respect of those requirements listed at section 16 of the schedule to this certificate.

12 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.

13 This 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.

14 The marking of the equipment shall include the following:

 II 2 G Ex db h IIB T4 Gb T_{amb} -20°C to +40°C



No. 8613

On behalf of ExVeritas



S Clarke CEng MSc FIET
Managing Director

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

13 Description of Product

This is a series of submersible, electrical mixers, pumps and re-circulation pumps:

- Mixer with gear
- Mixer without gear
- Recirculation pump
- Pump without gear

All units are driven by the same series of electrical Ex d motors, available as IE1, IE2 and IE3.

Type key:

Mixer with gear: POP / POP-I / POPL-I

Mixer without gear: POD / POD-I / PODB-I

Re-circulation pump_ AXP / AXP-I / AXD / AXD-I

Pump without gear: DG / DG-I / DGER-I

Technical data:

Power: Max 37 kW at 50 Hz and max. 44,4 kW at 60 Hz

Power supply: 230 – 690 V

Frequency: 50 – 60 Hz

14 Descriptive Documents

14.1 Associated Report and Certificate History:

Report Number	Cert Issue Date	Issue	Comment
2936/A/2	15-10-2021	0	Initial issue of the Prime Certificate
2936/A/3	26-11-2021	1	Specific Conditions of Use corrected

14.2 Compliance Drawings:

Title:	Drawing No.:	Rev. Level:	Date:
POP/ POP-I/ POPL-I/ AXP/ AXP-I	I0392-I-100	-	21-01-2015
POD/ POD-I/ PODB/ PODB-I/ AXD/ AXD-I	I0392-I-101	-	21-01-2015
DG/ DG-I/ DGER-I	I0392-I-102	-	21-01-2015
Typeskilt ATEX, CE / UKCA 2021	3340082	-	28-09-2021
Motorskilt, ms. 100-160, CE	3340035	-	09-01-1995

Certificate: **ExVeritas 21UKEX1036X**

Issue 1

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Schedule

15 Specific Conditions of Use

15.1 Special Conditions for Safe Use

- For motors provided with readily installed cable, it must be ensured that free end of cable is connected in safe area or in a suitable certified Ex d or Ex e junction box.

15.2 Routine tests

- None

16 Essential Health and Safety Requirements (Regulations Schedule 1)

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 ExVeritas of any modifications to the design of the product described by this schedule.