

## 1 EU - Type Examination Certificate

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

3 Certificate Number: ExVeritas 21 ATEX 0750 X Issue: 1

4 Equipment: Submersible pumps and mixers

5 Manufacturer: Landia A/S

6 Address: Industrivej 2  
6940 Lem St.  
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 2804 in accordance with Article 17 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 IEC 60079-0: 2018  
EN ISO 80079-37:2016


EN 60079-1: 2014

EN ISO 80079-36: 2016

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 h IIB T4 Gb



**DANAK**  
PROD Reg.No. 7044  
Member of EA MLA

On behalf of ExVeritas



**ExVeritas**  
OFFICIAL SIGNATORY

Peter Lauritzen  
Managing Director

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## Schedule

### 13 Description of Equipment or Protective System

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/1	16-02-2021	0	Initial issue of the Prime Certificate
2936/A/3	26-11-2021	1	Specific Conditions of Use corrected

#### 14.2 Compliance Drawings:

##### Issue 0

Number	Date	Issue	Description
I0392-I-100	21-01-2015		POP/ POP-I/ POPL-I/ AXP/ AXP-I
I0392-I-101	21-01-2015		POD/ POD-I/ PODB/ PODB-I/ AXD/ AXD-I
I0392-I-102	21-01-2015		DG/ DG-I/ DGER-I
3340078	24-03-2015		ATEX-skilt, CE
3340035	09-01-1995		Motorskilt, ms. 100-160, CE

### 15 Conditions of Certification

#### 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 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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