

Translation

(1) **EC-Type-Examination Certificate**

- (2) Equipment and protective systems intended for use in potentially explosive atmospheres, **Directive 94/9/EC**



- (3) **Certificate Number** TÜV 15 ATEX 149689 X
- (4) for the equipment: Pump type PCXA
- (5) of the manufacturer: Sterling SIHI (France) S.A.S.
- (6) Address: 1/3 Avenue Georges Politzer  
78190 Trappes  
France

Order number: 8000440063

Date of issue: 2015-06-24

- (7) The design of this equipment or protective system and any acceptable variation thereto are specified in the schedule to this EC-Type-Examination Certificate and the documents therein referred to.
- (8) The TÜV NORD CERT GmbH, notified body No. 0044 in accordance with Article 9 of the Council Directive of the EC of March 23, 1994 (94/9/EC), certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II to the Directive. The examination and test results are recorded in the confidential report No. 15 203 149689.
- (9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:  
**EN 60079-0:2012 + A11:2013 EN 60079-1:2014**
- (10) If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.
- (11) This EC-type-examination certificate relates only to the design, examination and tests of the specified equipment in accordance to the Directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of this equipment. These are not covered by this certificate.
- (12) The marking of the equipment or protective system must include the following:

 **II 2 G Ex db IIB T3 Gb**

TÜV NORD CERT GmbH, Langemarckstraße 20, 45141 Essen, notified by the central office of the countries for safety engineering (ZLS), Ident. Nr. 0044, legal successor of the TÜV NORD CERT GmbH & Co. KG Ident. Nr. 0032

The head of the notified body

  
Schwedt

Hanover office, Am TÜV 1, 30519 Hannover, Fon +49 (0)511 986 1455, Fax +49 (0)511 986 1590

This certificate may only be reproduced without any change, schedule included.  
Excerpts or changes shall be allowed by the TÜV NORD CERT GmbH

(13) **SCHEDULE**

(14) **EC-Type-Examination Certificate No. TÜV 15 ATEX 149689 X**

(15) Description of equipment

The pump type PCXA is a self-priming two-stage side channel pump. The canned motor and the hydraulic unit are integrated in a housing and are connected without a shaft seal and coupling via a shaft.

The pump type PCXA is provided for delivery of liquefied petroleum gas (LPG) or other liquefied gases from tanks and is installed outside the tank. The flow rate is controlled demand-driven by the integrated electronics.

Technical data:

Permitted range of ambient temperature	-30 °C to +50 °C
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Voltage	400 V at 50 Hz 480 V at 60 Hz
Maximum current	11 A
Rated power	5.5 kW
Maximum flow rate	4.5 m <sup>3</sup> /h
Differential pressure	12 bar
Installation position	horizontal

(16) Test documents are listed in the test report No. 15 203 149689

(17) Special conditions for safe use

1. Repairs of the flameproof joints may only be carried out by the manufacturer.
2. The permitted range of the ambient temperature is -30 °C to +50 °C.
3. The hexagon screws M8 x 25 for the electronic casing must have at least the property class 8.8.

(18) Essential Health and Safety Requirements

no additional ones