

1 EU - Type Examination Certificate

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

3 Certificate Number: ExVeritas 19 ATEX 0511 X Issue: 0

4 Equipment: Stirrer Units

5 Manufacturer: Stamo Production AB

6 Address: Pressverksgatan 4, SE-721 30 Västerås, Sweden

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 60079-0: 2012
EN 60079-31:2014


EN 60079-1:2014
EN 80079-36:2016

EN 60079-7:2015
EN 80079-37:2016

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 eb h IIC T4 Gb
II 2 D Ex tb h IIIB T130C Db
II 1 G Ex h IIC T4 Ga
II 1 D Ex h IIIB T130C Da



DANAK
PROD Reg.No. 7044
Member of EA MLA



On behalf of ExVeritas
ExVeritas
OFFICIAL SIGNATORY
Sean Clarke
Managing Director

This certificate may only be reproduced in its entirety and without any change, schedule included.

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

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

ExVeritas ApS, Tækkemandsvej 1, 4300 Holbæk, Denmark.

ExVeritas® is a registered trademark, unauthorised use will lead to prosecution.

Schedule

13 Description of Equipment or Protective System

These are agitators, mounted into tanks containing 5 liters up to 100.000 m³. Motor and gear are placed outside the tanks in Zone 1/21 with propellers mounted to the shaft inside the tank, Zone 0/20. Dimensions, shaft lengths, shape and size of propellers may vary due to different needs and applications.

14 Descriptive Documents

14.1 Associated Report and Certificate History:

Report Number	Cert Issue Date	Issue	Comment
2174/A/1	14-06-2019	0	Initial issue of the Prime Certificate

14.2 Compliance Drawings:

Issue 0

Number	Date	Issue	Description
SM 56613	19.06.12	-	PROPELLER AGITATOR WITH MECHANICAL SEAL
SM 56614	19.06.12	-	PROPELLER AGITATOR SIDE MOUNTED WITH MECHANICAL SEAL
SM 56615	19.06.12	0	PROPELLER AGITATOR WITH LABYRINTH SEAL
	2019-04-05		Stamo Agitator designation

15 Conditions of Certification

15.1 Special Conditions for Safe Use

- End user must prevent any dust from forming layers on the outside of motor and gear.
- End user must ensure a temperature monitoring system, complying with EN 80079-37 protection method 'b' ignition protection type 'b1', preventing system from operation if seal temperature exceeds 98°C.

15.2 Conditions for Use (Routine Tests)

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.

Certificate: ExVeritas 19 ATEX 0511 X Issue 0

This certificate may only be reproduced in its entirety and without any change, schedule included.

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

ExVeritas ApS, Tækkemandsvej 1, 4300 Holbæk, Denmark.

ExVeritas® is a registered trademark, unauthorised use will lead to prosecution.