CERTIFICATE

(1) **EU-Type Examination**

(2) **Equipment or protective systems intended for use in potentially explosive atmospheres - Directive 2014/34/EU**

(3) EU-Type Examination Certificate Number: **DEKRA 13ATEX0173** Issue Number: **5**

(4) Product: **Light Fixture for Helidecks, Type ILED Circle-H**

(5) Manufacturer: **R. Stahl Tranberg AS**

(6) Address: **Strandsvingen 6, 4032 Stavanger, Norway**

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

(8) DEKRA Certification B.V., Notified Body number 0344 in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, 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 Annex II to the Directive.

The examination and test results are recorded in confidential test report number NL/DEK/ExTR13.0061/04.

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

EN 60079-0 : 2012 + A11 : 2013 **EN 60079-7 : 2007** **EN 60079-18 : 2009**

except in respect of those requirements listed at item 18 of the Schedule.

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

(11) This EU-Type Examination Certificate relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

(12) The marking of the product shall include the following:

II 2 G Ex e mb IIB T4 Gb

Date of certification: 22 June 2020

DEKRA Certification B.V.

R. Schuller
Certification Manager

© Integral publication of this certificate and adjoining reports is allowed. This Certificate may only be reproduced in its entirety and without any change.

DEKRA Certification B.V. Meander 1051, 6825 MJ Arnhem P.O. Box 5185, 6802 ED Arnhem The Netherlands
T +31 88 96 83000 F +31 88 96 83100 www.dekra-product-safety.com Registered Arnhem 09085396

(13) **SCHEDULE**

(14) **to EU-Type Examination Certificate DEKRA 13ATEX0173** Issue No. **5**

(15) **Description**

Light Fixture for Helidecks, Type ILED Circle-H, is provided with 4 LEDs, each mounted on an aluminium PCB, covered by a transparent polycarbonate cover and two sockets for the electrical connections.

The Light Fixture shall be connected with dedicated cable assemblies, consisting of two plugs a power cable and communication cable in various lengths. This enables series connection.

Ambient temperature range: -30 °C to +55 °C.

The enclosure with the dedicated cable assemblies provides a degree of protection of at least IP67 per EN 60079-0 and EN 60529.

Electrical data

Power: 24 Vdc ±10%, max. 10 A
Maximum consumption per Light Fixture 377 mA, 8 W
Communication: RS485
Maximum prospective short circuit current: 300 A

Installation instructions

The instructions provided with the product shall be followed in detail to assure safe operation.

(16) **Report Number**

No. NL/DEK/ExTR13.0061/04.

(17) **Specific conditions of use**

None.

(18) **Essential Health and Safety Requirements**

Covered by the standards listed at item (9).

(19) **Test documentation**

As listed in Report No. NL/DEK/ExTR13.0061/04.

(20) **Certificate history**

Issue 1	-	216575200	Initial certificate
Issue 2	-	219222200	Construction changes as detailed in the test report
Issue 3	-	221540000	Minor change in design of outer connector seal
Issue 4	-	222498100	Change of manufacturer
Issue 5	-	224613600-1	Change of manufacturer