CERTIFICATE

(1) EU-Type Examination

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

(3) EU-Type Examination Certificate Number: **DEKRA 20ATEX0011U** Issue Number: **3**

(4) Product: **RAYCHEM Low Profile Power Connection, Splice and End Seal Kits, types C-150-E, S-150 and E-150**

(5) Manufacturer: **Chemelex Belgium NV**

(6) Address: **Research Park Haasrode – Zone 2, Romeinse Straat 14, 3001 Leuven, Belgium**

(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 mentioned in item (16).

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

EN IEC 60079-0 : 2018 + A11 **EN 60079-7 : 2015 + A1, A11** **EN 60079-31 : 2014**

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

(10) The sign "U" is placed after the certificate number. It indicates that this certificate must not be mistaken for a certificate intended for an equipment or protective system. This partial certification may be used as a basis for certification of an equipment or protective system.

(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 eb IIC Gb
II 2 D Ex tb IIIC Db

Date of certification: 27 March 2026

DEKRA Certification B.V.

R. Schuller
Certification Manager

Throughout this document, a point is used as the decimal separator.

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(13) # SCHEDULE

(14) **to EU-Type Examination Certificate DEKRA 20ATEX0011U** Issue No. **3**

(15) **Description**

The Low Profile Power Connection, Splice and End Seal Kits, types C-150-E, S-150 and E-150 are intended for use with RAYCHEM parallel Trace Heaters. The kits are certified as separate termination components for trace heaters in types of protection Ex eb or Ex tb, suitable for use underneath or outside of the thermal insulation of the heated workpiece.

For nomenclature, details of scope, electrical data and thermal data see to test report mentioned in item (16).

Installation instructions

The manufacturers instructions shall be followed in detail to assure safe operation.

(16) **Report Number**

NL/DEK/ExTR20.0006/03.

(17) **Schedule of Limitations**

The maximum surface temperature depends on the configuration of the Trace Heating system, determined in accordance with EN 60079-30-1.

The temperature at the power cable branching point, when connected in the Power Connection Kit type C-150-E, shall be considered in applications which expose the Power Connection Kit to temperatures higher than 70 °C for selecting a power cable with the appropriate temperature rating.

For details of temperature limitations see “thermal data” in Annex 1 to test report mentioned in item (16).

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

Covered by the standards listed at item (9).

(19) **Test documentation**

As listed in test report number mentioned in item (16).