



QPS Evaluation Services Inc



(1) EU-Type Examination Certificate

(2) **Directive 2014/34/EU of the European Parliament and of the Council of 26 February 2014**

(3) EU-Type Examination Certificate Number: **QPS 21ATEX5002X** Issue Number: 1

(4) Product: **Analyzer model Industrial GC866 Ex d**

(5) Manufacturer: **AIRMOTEC A.G.**

(6) Address: 15 Rue d'Artiguelongue, 33240 VAL DE VIRVEE, France

(7) This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
 (8) QPS Evaluation Services Inc. 81 Kelfield St., Units 7-9, Toronto, ON M9W 5A3, Canada, Notified Body Number 2900, 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 equipment 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 ATX3113-1.
 Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

(9)

Standard	Edition	Standard	Edition
EN IEC 60079-0	2018	IEC TS 60079-46	2017
EN 60079-14	2014		

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 2014/34/EU article 13 apply to the manufacturing process and supply of this product. These are separately certified and not covered by this certificate.

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



II 2 G Ex IIB+H2 T4 Gb

Date of certification: 10 August 2023

Rob Kohuch
 Certification Manager
 QPS Evaluation Services Inc.



EU-Type Examination Certificate without signature shall not be valid. The certificates may be circulated only without alteration. Extracts or alterations are subject to approval by QPS Evaluation Service Inc. The SCC Accreditation Symbol is an official symbol of the accreditation body and notifying authority, used under license.



(13) **SCHEDULE**

(14) **to EU-Type Examination Certificate QPS 21ATEX5002X**

Issue No. 1

(15) **Description and Electrical data**

The analyser model **Industrial GC866 Ex d** is designed to measure very low concentrations of sulphur components in gaseous samples. The assembly consists of:

- One flameproof enclosure (certified under CEC 15 ATEX 071) including the industrial PC and the intrinsically safe associated apparatuses.
- One stainless steel enclosure ensuring mechanical protection including the analyser components (oven, solenoid valves, electro-chemical detector) and the junction box (Ex e, model GRJ07 certified DEMKO 15 ATEX 1475U).

Ambient temperature range: -10°C to +55°C.

Electrical data:

Power supply: 110/230 Vac; 2.2/1.1 A or 24VDC; 10A

See Annex of this Certificate for details and options.

(16) **Report Number:**

ATX3113-1

(17) **Specific conditions of use:**

See Annex of this Certificate for detailed special conditions

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

Met by compliance with the requirements mentioned in item 9.

(19) **Remarks and additional information:**

(20) **Certificate history**

Issue 0 - 2022-02-25; Initial certificate.

Issue 1 - 2023-08-10; Addition of H2 gas group.