

- [1] **CONFORMITY BASED ON UNIT VERIFICATION**
- [2] **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres**  
**Directive 2014/34/EU Annex IX, Module G**
- [3] Declaration of conformity Number ACE25ATEX040X Rev00
- [4] Product Ammonia injection unit s.n SNL0004869
- [5] Manufacturer General impianti S.r.l.
- [6] Address via colfreddo 8/9, Maiolati Spontini  
(AN) ITALY
- [7] This equipment or protective system and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.
- [8] Advanced Consulting and Engineering Iberia SL (A.C.&E. Iberia S.L.), Notified body Accreditation nº: NB3024 in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and 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 the confidential Report nº. EX\_EXH002\_25\_25-187
- [9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:  
ISO 80079-36:2016 Explosive atmospheres Part 36:  
Non-electrical equipment for explosive atmospheres — Basic method and requirements.
- [10] If the sign “X” is placed after the certificate number, it indicates that the product is subject to the Special Conditions for Use specified in the point 17 of This certificate.
- [11] This Declaration of conformity 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 equipment or protective system shall include the following:



II 3G Ex h IIA T1 Gc Tamb:+5°C;+50°C

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Date: 31/10/2025



**Advanced Consulting and Engineering  
Iberia SL**

Notified Body No NB3024

Matteo Marconi, CEO

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[13] **SCHEDULE**

[14] Declaration of conformity No: ACE25ATEX040X Rev00

[15] Description of equipment

Ammonia injection unit

Steel frames compose the unit. The unit is filled directly by the storage unit. They allow the Ammonia solution preparation and injection in the several points of the water/steam closed cycle.

The Injection unit is composed mainly by:

- Dosing pump
- Pressure instrumentation
- Flowmeter
- Dampner
- Manual Valves

Equipment	Manufacturer	Product code	Markings of Certification	Marking
Dosing pump	Bran+Luebbe / SPXFLOW (pump integrator) (CEMP - motor) (Rotork - pump gear)	NOVADOS H1 (motor - E3AC35 80MB 2) (pump gear - CMR-100)	N.A.	II 3G Ex h IIB T3 Gc
Pump gear	Rotork	CMR -100	FM17ATEX0011X	II 2 G Ex db h IIB T4 Gb
Pressure switch	Georgin	FP62PX	LCIE 02 ATEX 6161 X/01	II 2G Ex de IIC T6
Dampner	Fox	BTHX	N.A.	II 2G Ex h IIB T5 Gb
Pressure gauge	Baumer	MEX5-A31.B33/0693_2113_0078_07	LCIE 18 AR 015	II 2G
Mass Flowmeter	Krohne	H250H/RR/M40/ESK-EX	PTB 12 ATEX 1025	II 2G Ex db IIC T6..T1 Gb
Relief Valve	Trillium	S9	INERIS-EQEN 033863/18	II 2GD

Ambient temperature Tamb:+5°C;+50°C

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[13] **SCHEDULE**

[14] Declaration of conformity No: ACE25ATEX040X Rev00

[16] Test documents are listed in the test report nº  
EX\_EXH002\_25\_25-187

[17] Special conditions for safe use  
None

[18] Essential Health and Safety Requirements  
are met by harmonized standards

[19] Documents and technical datasheets:

Title	Object	Revision	Date
03ALM15005-A_ATEX	Technical file	00	06/05/2025

The documents above-mentioned are strictly confidential and they are of only use of authorities.  
A copy of the documents are saved by A.C.&E. Iberia S.L.

[20] Declaration of conformity History

Number of certificate	Rev.	Comments	Date
ACE25ATEX040X	00	First issue	31/10/2025

Date: 31/10/2025



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