


[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 ACE25ATEX039X Rev00
- [4] Product Ammonia storage Unit s.n SNL0004862
- [5] Manufacturer General impianti S.r.l.
- [6] Address via collefreddo 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 n°: 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 n°. 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:

 1/3G Ex h IIA T1 Ga/Gc

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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: ACE25ATEX039X Rev00

[15] Description of equipment

Ammonia storage Unit:

The unit is composed by a steel tank with accessories, placed within the Turbine Hall at level 0.00 m, filled directly by the unloading skids. They allow the storage of the commercial solutions, to be transferred to the Preparation area:

- Ammonia preparation unit
- Mixed solution preparation unit

The unit is composed mainly by:

- Storage tank
- Overflow tank
- Level instrumentation
- Volumetric flowmeter
- Manual Valves

Equipment	Manufacturer	Product code	Markings of Certification	Marking
Totalized flowmeter	Faure Herman	TZN (Transmitter E112)	LCIE 05ATEX 6035X	II 2G c IIC T6..T1 Gb
Level gauge	Krohne	BM26A-1000	KIWA 17ATEX0043 X	II 1/2 G Ex h IICB 76...T1 Ga/Gb
Totalized flowmeter	Faure Herman	E112-P-AH-CX-HAA-IB-OT-PB-PX-XD-ZB-1FH	DEKRA 14ATEX0006X	II 2G Ex d IIC T6 Gb
Level switch	Vega	VEGASWING 61 (SWING61.DAGBVXMRX)	KEMA 01 ATEX 2026 X	II 1/2G Ex db IIC T6..T2 Ga/Gb
Level transmitter	Vega	VEGAFLEX 81 (FX81.AELHBJHXDOLM)	TUV 12 ATEX 098529 X	II 1/2G Ex db IIC T6..T1 Ga/Gb II 2G Ex db IIC T6..T1 Gb

Ambient temperature Tamb:-20°C;+40°C

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[13] **SCHEDULE**

[14] Declaration of conformity No: ACE25ATEX039X 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
ACE25ATEX039X	00	First issue	31/10/2025

Date: 31/10/2025



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