

[1] **EU - TYPE EXAMINATION CERTIFICATE**

[2] **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres**
Directive 2014/34/EU Annex III, Module B

- [3] EU – Type Examination Certificate Number ACE25ATEX034X Rev00
- [4] Product Explosion proof three phase induction motor (990kW) - Type YEd1563-4A0
- [5] Manufacturer Jovain Electrical machines Industries Co. (JEMCO)
- [6] Address 45th km, Sabzevar-Esfarayan road, Sabzevar, Khorasan Razavi, Iran
- [7] This equipment or protective system and any acceptable variation there to 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 confidential Report nº. EX_EXD019_25_25-1289
- [9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
EN IEC 60079-0:2018 : Explosive atmospheres — Part 0: Equipment — General requirements
EN 60079-1:2014: Explosive atmospheres — Part 1: Equipment protection by flameproof enclosures ‘d’
- [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 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 equipment or protective system shall include the following:



II 2G Ex db IIB T4 Gb

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Date: 17/09/2025

**Advanced Consulting and Engineering****Iberia SL**

Notified Body No NB3024

Matteo Marconi, CEO

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[13]

SCHEDULE

[14]

EU-Type Examination Certificate No: ACE25ATEX034X Rev00

[15] Description of equipment

The Explosion proof three phase squirrel cage induction motor type YEd1563-4A0 (Frame size 560) is manufactured by squirrel cage rotor and stator windings. The Electric motor is manufactured with two separate compartments: flameproof Enclosure of electric motor assembled with cooling system IC 511 and Connection boxes include supply, sensors and heater circuit connections. The Electric motor temperature class T4 is provided with insulation system in class 155°C (F) and designed with temperature limit of the insulation class 130°C (B) at ambient temperature $T_a = +60^{\circ}\text{C}$. The Electric motor provided with thermal detectors (PTC, PT100) to protect the inside windings and also PT100 for protection of the bearings, and the anti-condensation heater as safety device.

The machine has protection class IP55.

Technical data:

Power (KW): 990 KW

Rated Voltage: 6000 $\pm$ 5% V.A.C

Frequency: 50 $\pm$ 2% Hz

Rated Speed: $\leq$ 3000 R.P.M

Insulation Class: F (with limit Δt B)

Frame Size: 560

Ambient temperature range: -20°C to $+60^{\circ}\text{C}$

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[13]

SCHEDULE

[14]

EU – Type Examination Certificate No: ACE25ATEX034X Rev00

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Test documents are listed in the test report nº

24/exd/8476/C, Ver 00

[17]

Special conditions for safe use

- 1- The cable glands used for cable entries, blanking elements for unused holes and other fittings for field wiring connections shall be protected with a type of protection "Ex db IIB" application, it is therefore the responsibility of the manufacturer to continually monitor the status of the certification associated with these devices.
- 2- Use the apparatus only in accordance with the operating conditions described in the manufacturer's operation instruction.
- 3- The non-threaded and threaded joints are protected against corrosion using of ordinary industrial grease

[18]

Essential Health and Safety Requirements
Are fulfilled by the harmonized standard

[19]

Documents and technical datasheets:

Title	Object	Revision	Date
Technical file & instruction	KLE 301	00	2025-01-01
Test report	24/Ex d/8476/C	00	2025-02-30
Outline drawing	1.240.301	00	2025-10-20
Product assembly (part list)	1.240.301.1	00	2025-10-20
Frame size 560	1.240.301.2	00	2025-10-20

The above-mentioned documents are strictly confidential and they are of only use of authorities.

A copy of the documents is saved by A.C.&E. Iberia S.L.

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Certificate History

Certificate Number	Rev.	Comments	Date
ACE25ATEX034X Rev00	00	First emission	17/09/2025

Date: 17/09/2025



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