

CERTIFICATE

№ 0537

Issued by Product Certification Body "Dedal- Attestation and Certification" Ltd.

Smoke and heat control systems. Powered smoke and heat control ventilators (Fans).

Three Phase Squirrel Cage Induction Motors, intended to be used as part of Powered Smoke and Heat Control Ventilators (fans)

(For description of the products see Annex I to Certificate No.0537; for details of High Temperature test, acc. to Annex D of EN 12101-3:2015 see Annex II to Certificate No.0537 that are inseparable parts of this certificate)

placed on the market under the name or trade mark of

Jovain Electrical Machines Industries Co. (JEMCO)

Unit 1, No. 2, Bonyad dead end, Jahan Ave., Taleqani St., Tehran, Iran

and produced in the manufacturing plant of

Jovain Electrical Machines Industries Co. (JEMCO)

45th km of Esfarayen-Sabzevar road, Sabzevar, Khorasan Razavi, Iran

This certificate attests that the construction product complies with standard

EN 12101-3:2015 (Annex D)

according to certification scheme type 6 and that the products fulfil all the prescribed requirements set out above.

This certificate was first issued on 15.11.2021 and will remain valid until 15.11.2022 as long as the test methods and/or factory production control requirements defined in standard EN 12101-3:2015 (Annex D) and used to assess the conformity of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly. The validity of the issued certificate is supported through annual surveillance audits. The validity of this certificate can be verified in the register on www.dedal-bg.net



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ANNEX I TO CERTIFICATE № 0537/15.11.2021 (Page 1/1)

Subject: A range of electric motors devoted to fit smoke extraction ventilators

Manufacturer: Jovain Electrical Machines Industries (JEMCO)

Address: 45th km of Esfarayen-Sabzevar road, Sabzevar, Khorasan Razavi, Iran

Scope: A range of Low Voltage Three Phase Squirrel Cage Induction Motors with the following features:

- Type: SD and SU
- Positions: from horizontal to vertical
- Frame size: from 132 up to 400
- Degree of protection: IP 66
- Electrical ratings: 220 up to 690 V, 50 Hz, from 5.5 kW up to 400 kW
- Rotational speeds: <3000 rpm
- Insulation class/temperature rise class/specifications: H/F/EN 60034-1
- Frame material: cast iron
- End covers material: cast iron
- Cooling fan material: steel

Bearing features:

- Bearing type / arrangement / class of fit / lubricant DE:
Anti friction bearing / floating bearing / C3 / ASONIC GHY 72
- Bearing type / arrangement / class of fit / lubricant NDE:
Anti friction bearing / fixed bearing / C3 / ASONIC GHY 72

The electric motors were tested in association with a generator, axial and radial loads according to the annex D of the European standard EN 12101-3:2015

Operating ability:

OPERATING TEMPRATURE: TWO HUNDRED and FIFTY CELSIUS (250°C)

OPERATING TIME: ONE HUNDRED and TWENTY MINUTES (120 min.)

APPLICATION CLASS: DUAL PURPOSE



Attestation & Certification

Manager:

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