



(1) **Statement of Conformity**

- (2) Equipment and protective systems intended for use in potentially explosive atmospheres, **Directive 94/9/EC**

(3) **Statement of Conformity Number:** TÜV 14 ATEX 139958

(4) for the equipment: Centrifugal suction fans execution
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(5) of the manufacturer: **Maico Italia S.p.A.**

(6) Address: Via Maestri del Lavoro, 12
25017 Lonato del Garda (BS)
Italy

Order number: 8000433319

Date of issue: 2014-05-14

- (7) This equipment or protective system and any acceptable variation thereto are specified in the schedule to this statement of conformity and the documents therein referred to.
- (8) The TÜV NORD CERT GmbH certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems 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. 14 214 139958.
- (9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
- EN 13463-1:2009** **EN 13463-5:2011** **EN 14986:2007**
- (10) If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.
- (11) This statement of conformity relates only to the design, examination and tests of the specified equipment in accordance to the Directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of this equipment. These are not covered by this certificate.
- (12) The marking of the equipment or protective system must include the following:

 **II 2/2 G c IIB+H₂ TX**
II 2/2 D c TX

TÜV NORD CERT GmbH, Langemarckstraße 20, 45141 Essen, notified by the central office of the countries for safety engineering (ZLS), Ident. Nr. 0044, legal successor of the TÜV NORD CERT GmbH & Co. KG Ident. Nr. 0032

The head of the notified body



Meyer

Hanover office, Am TÜV 1, 30519 Hannover, Fon +49 (0)511 986 1455, Fax +49 (0)511 986 1590

(13) **SCHEDULE**

(14) **Statement of Conformity No. TÜV 14 ATEX 139958**

(15) Description of equipment

The centrifugal suction fans execution 4 is directly coupled to a separately certified electric motor shape B5 (outside the scope of the present certificate). The impeller is keyed on the driving shaft, there are no bearing on the fan. The electric motor is flange mounted on one side of the body.

The fans are produced by the manufacturer Maico Italia with two commercial brands: Dynair and Elicent. See below for the type code. For the detailed characteristics refer to the technical book.

Dynair	Elicent
PQL	-
PRL	-
PSL	PF
PVL	HT
PZL	-
PNL	-
PTL	-
PUL	-
PXL	-
PYL	-
PLL	-
PBL	-
PCL	-
PDL	-

Technical data

Permissible range of ambient resp. process pressure	0.8 to 1.1 bar absolute
Ambient temperature	-20 °C to +40 °C
Maximum peripheral blade speed	70 m/s

Temperature of the process fluid inside the fan	Temperature class of the equipment
-20 °C to +40 °C	T4; T 135°C
-20 °C to +55 °C	T3; T 200°C
-20 °C to +135 °C	T2; T 300°C

(16) Test documents are listed in the test report No. 14 214 139958.

(17) Special conditions for safe use

none

(18) Essential Health and Safety Requirements

no additional ones