



(1) EC-TYPE EXAMINATION CERTIFICATE

(2) Equipment or protective system intended for use in potentially explosive atmospheres
Directive 94/9/EC

(3) EC-Type Examination Certificate nr. **LOM 08ATEX2052 X**

(4) Equipment or protection system Fan
Type TD-800/200 EX

(5) Applicant Soler y Palau, S.A.

(6) Address Ctra. Puigcerdá s/n
17500 RIPOLL (GERONA)
SPAIN

(7) This equipment or protective system and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

(8) Laboratorio Oficial J.M. Madariaga (LOM), notified body number 0163 in accordance with Article 9 of the Directive 94/9/EC of the European Parliament of 23 March 1994, 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 confidential report nr. **LOM 08.050 QP**

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

- Standards **EN 60079-0:2006** **EN 60079-7:2007** **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 EC-Type Examination Certificate relates only to the design and construction of this specified equipment or protective system in accordance with the Directive 94/9/EC. Further requirements of the Directive apply to the manufacture and supply of this equipment or protective system. These are not covered by this certificate.

(12) The marking of the equipment or protective system shall include the following:

II 2 G Ex e II T3

Madrid, 24th September 2008



Carlos Fernández Ramón
DIRECTOR OF THE LABORATORY

Angel Vega Remesal
Head of the ATEX

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RCPCER 07.3/2



LABORATORIO OFICIAL J. M. MADARIAGA

(A1) SCHEDULE

(A2) EC-Type Examination Certificate: LOM 08ATEX2052 X

(A3) Description of equipment or protective system

Helico-centrifugal fan with axial-flow powered by a monophasic electrical motor. The body of the fan and the impeller are made on antistatic thermoplastic material. The drive motor is immersed in the air flow and its connection box is place outside of the fan body. The motor capacitor has got a type of protection "Ex q" having a certificate PTB 01 ATEX 1084 X.

Characteristics: Rated voltage: 230 V / 50 Hz Current: 0,5 A
Absorbed power: 120 W Rotation speed: 2450 r.p.m
I_A/I_N: 2 t_g: 60 s

(A4) Test report nr LOM 08.050 QP

(A5) Special conditions for safe use

- When the fan is installed without inlet and outlet ducts it must be fitted with guards that meet the requirements specified in the ISO 12499 and EN 294
- It must be followed the maintenance instructions of the motor capacitor.

(A6) Individual tests

Dielectric strength tests according the paragraph 7.1 of EN 60079-7:2007.

(A7) Essential Health and Safety Requirements

Explosion safe requirements are covered by application of the standards indicated in page 1/2 of this certificate.

(A8) Descriptive Documents

	Rev.	Date
- Technical description nr. ATEX 08-001	-	2008-06-10



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