



(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**

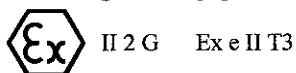
(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

-	Standards	EN 60079-0:2006	EN 60079-7:2007	EN 14986:2007
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(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:



Madrid, 24th September 2008

OFICIAL
LABORATORIO OFICIAL J.M. MADARIAGA

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 monophase 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 placed 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_E : 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

	<u>Rev.</u>	<u>Date</u>
- Technical description nr. ATEX 08-001	-	2008-06-10



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(1) **EC-TYPE EXAMINATION CERTIFICATE SUPPLEMENT**

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

(3) Supplement nr. 1 to EC-Type Examination Certificate number **LOM 08ATEX2052 X**

(4) Equipment or Protection System Fan
Type T*-800/200 EX

(5) Applicant Soler & Palau Sistemas de Ventilación, S.L.U.

(6) Dirección C/ Llevant, 4
Pol. Ind. Llevant
08150 – Parets del Vallès (Barcelona)
SPAIN

(7) Test report nr.: **LOM 09.050 CP**

(8) Variations included in this certificate

- To include a variant called TH-800/200 EX having the same characteristic that model TD-800/200 EX except that it includes air inlet and outlet fits foreseen to be placed in ceilings

(9) Changes in marking

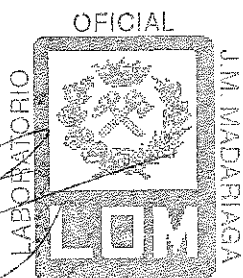
Those that affect the type designation

(10) Variations in the special conditions for a safe use

None


(10) Descriptive documents

	<u>Rev.</u>	<u>Date</u>
- Technical description nr.: ATEX 09-001	-	2009-01-23




Carlos Fernández Ramón
DIRECTOR OF THE LABORATORY

Madrid, 1st April, 2009


Angel Vega Remesal
Head of ATEX area

This supplement must be an inseparable part together with the base certificate **LOM 08ATEX2052 X**

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(1) **EC-TYPE EXAMINATION CERTIFICATE SUPPLEMENT**

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

(3) Supplement nr. **2** to EC-Type Examination Certificate number **LOM 08ATEX2052 X**

(4) Equipment or Protection System Fan
Type T*-800/200 ATEX EEXEIIIT3 (230V50HZ)

(5) Manufacturer Soler & Palau Sistemas de Ventilación, S.L.U.

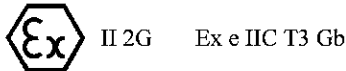
(6) Address C/ Llevant, 4
Pol. Ind. Llevant
08150 – Parets del Vallès (Barcelona)
SPAIN

(7) Test report nr: **LOM 11.410 WP**

(8) Variations included in this certificate

- Change of the type name:
TD-800/200 ATEX EEXEIIIT3 (230V50HZ) en lugar de TD-800/200 EEXEIIIT3
TH-800/200 ATEX EEXEIIIT3 (230V50HZ) en lugar de TH-800/200 EEXEIIIT3
- Assessment update to the standards EN 60079-0:2009 and EN 60079-7:2007

(9) Changes in marking



and those that correspond to the new type denomination

(10) Changes in individual tests

None

(11) Changes in the special conditions for a safe use

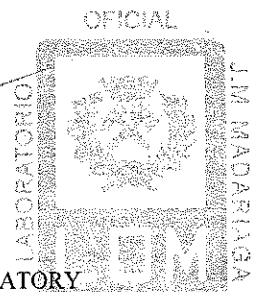
Conditions of the base certificate remains unchanged

(12) Descriptive documents

	Rev.	Date
- Description nº: ATEX 08-001	1	2011-09-05
ATEX 09-001	1	2011-09-05

Madrid, 2011-10-18

Carlos Fernández Ramón
DIRECTOR OF THE LABORATORY



Angel Vega Remesal
Head of ATEX area

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1 **SUPLEMENTO DE CERTIFICADO DE EXAMEN UE DE TIPO**

2 Equipos y sistemas de protección destinados a ser utilizados en atmósferas potencialmente explosivas.
Directiva 2014/34/UE

3 Suplemento del Certificado de Examen UE de Tipo **LOM 08ATEX2052X/3** edición 0

4 Producto Ventilador
Tipo T*-800/200 ATEX EEXEIT3 (230V50HZ)

5 Fabricante Soler & Palau Sistemas de Ventilación, S.L.U.

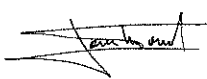
6 Dirección Carretera Puigcerdá s/n
17500 – Ripoll (Gerona)
ESPAÑA

7 Este Suplemento de Certificado amplía el Certificado de Examen CE de Tipo nº LOM 08ATEX2052X para aplicar a los productos diseñados y contruidos de acuerdo con las especificaciones indicadas en el anexo del mencionado certificado, pero que incorporan variaciones como se especifican en el anexo del presente certificado y en los documentos que se referencian.

8 El Laboratorio Oficial J.M. Madariaga (LOM), Organismo Notificado bajo la referencia nº 0163, conforme al Artículo 17 de la Directiva 2014/34/UE del Parlamento Europeo y del Consejo del 26 de febrero de 2014, certifica que este producto es conforme a los Requisitos Esenciales de Seguridad y Salud relativos al diseño y construcción de productos destinados a ser utilizados en atmósferas potencialmente explosivas indicados en el Anexo II de la Directiva.

9 En conformidad con el artículo 41 de la Directiva 2014/34/UE los Certificados de Examen CE de Tipo que hacen referencia a la Directiva 94/9/CE y que existían con anterioridad a la fecha de aplicación de la Directiva 2014/34/UE (20 de abril de 2016) pueden ser referenciados como si se hubiesen emitido en base a la Directiva 2014/34/UE. Los Suplementos de Certificado a tales Certificados de Examen CE de Tipo, y nuevas ediciones de Certificados, pueden seguir llevando el número de certificado original expedido con anterioridad al 20 de abril de 2016.

Getafe,
Firmado electrónicamente por:


GARCIA TORRENT
FRANCISCO JAVIER -
05356542A
2019.03.05 20:45:45
+01'00'

Comité de Certificación

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LABORATORIO OFICIAL J. M. MADARIAGA

13 ANEXO

14 Suplemento del Certificado de Examen UE de Tipo **LOM 08ATEX2052X/3**

15 Descripción de las variaciones en el producto

- Utilización alternativa de condensadores de motor de la marca SÜKO tipos
24 *** ** con certificado SEV 10 ATEX 0154 X
27-**-***-** con certificado SEV 17 ATEX 0165 X
- Actualización a las normas EN 60079-0:2012 y EN 60079-7:2015
- Cambio en el marcado



II 2G Ex eb IIB T3 Gb

16 Protocolo de ensayos nº 18.725F

17 Condiciones específicas de uso

Se añade la condición siguiente:

Los condensadores deben estar protegidos de la luz según se indican en las instrucciones del fabricante

18 Requisitos esenciales de seguridad y salud

Sin cambios

19 Documentos y planos

Número	Hojas	Edición	Fecha	Descripción
ATEX 18-002	8	-	2018-01-29	Memoria técnica
-	-	-	2018	Manual de instrucciones