



(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 number: **ISSeP08ATEX004X**

(4) Equipment or protective system:
Siren – type ETS 30

(5) Applicant – Manufacturer :

A.E.S. s.a.s.

(6) Address: Via per S. Angelo 1
I - 20098 S. GIULIANO MILANESE

(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) ISSeP, notified body n° 492 in accordance with article 9 of the Council Directive 94/9/EC 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 no 06085

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
EN 60079-0 : 2006 (IEC 60079-0 : 2004) EN 60079-1 : 2007 (IEC 60079-1 : 2007)
EN 61241-0 : 2006 (IEC 61241-0 : 2004) EN 61241-1 : 2004 (IEC 61241-1 : 2004)

(10) If the symbol "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, examination and tests of the specified equipment or protective system in accordance to the Directive 94/9/EC. Further requirements of this Directive may apply to the manufacturing process 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 indications:

 I M2 Ex d I
II 2 G Ex d IIC T6
II 2 D Ex tD A21 IP 66 T85°C

Colfontaine, the 31.01.2008

INSTITUT SCIENTIFIQUE DE SERVICE PUBLIC
Zoning A. Schweitzer - B7340 Colfontaine (Wasmès)
Tél: ++ 32 65 610811 – Fax: ++ 32 65 610808


Marcel Lambert
Director

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(13)

SCHEDULE

(14)

EC TYPE EXAMINATION CERTIFICATE No ISSeP08ATEX004X

(15)

Description of the equipment:

Aluminium alloy or cast iron or stainless steel flameproof enclosure for siren.

Type ETS 30

Electrical characteristics

Voltage: from 12V to 240 V DC/AC

Intermittent periodic duty: S3 – 1'ON /10' OFF

Eventual prescriptions

Ambient temperature ranges: -50°C up to +50°C (temperature class T6)

Routine tests

The manufacturer shall make the routine verifications and tests to ensure that the electrical apparatus produced complies with the specification submitted to the testing station together with the prototype.

This apparatus is exempted from the overpressure routine test.

(16)

Report no 06085 of 28.01.2008 composed in total of 31 pages.

The technical note "Acoustic Signaller ETS 30 " (2 pages)

The maintenance and installation instructions of 7.10.2007 Rev.1 of 14.12.2007 (2 pages)

A data sheet related to the material of the external rotating part.

The drawings

ETS30 of 28.12.2005 Rev.3 of 14.12.2007

ETS30/1 of 21.12.2005

ETS30/2 of 21.12.2005

ETS30/3 of 28.12.2005

ETS30/4 of 29.12.2005

ETS30/5 of 21.12.2005

ETS30/7 of 29.12.2005

ETS30/8 of 4.10.2007

ETS30/8.a of 11.10.2007

ETS30/8.b of 11.10.2007

(17)

Special conditions for safe use: Symbol X

Any accumulation of dust shall be avoided on the enclosure

(18)

Essential Health and Safety Requirements: covered by the standards listed at point 9 of the certificate and by the descriptive documents of the manufacturer.

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VARIATION

EC TYPE EXAMINATION CERTIFICATE N° ISSeP08ATEX004X/1




(14) Apparatus: Acoustic Signaller type ETS 30 - *.

(15) Subject to the variation

- To permit the replacement of the standards:
 - EN 60079-0: 2006 by EN 60079-0: 2012
 - EN 61241-0: 2006 and EN 61241-1: 2004 by EN 60079-31: 2009
- Standard EN 60079-1: 2007 remains the same.

Electrical parameters: Unchanged.

Marking: Unchanged except the specific markings of protection and codes witch becomes:

-  I M2 Ex d I Mb
-  II 2 G Ex d IIC T6 Gb
-  II 2 D Ex t IIC T85°C Db

Routine tests: Unchanged with regards to the initial certificate.

(16) Report N° 12005 completed by 3 documents.

(17) Special condition for safe use: None

(18) Essential Health and Safety Requirements: covered by the standards listed at point 9 of the initial certificate and by the descriptive documents from the manufacturer

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Colfontaine, 22.02.2013.

Marcel LAMBERT,
Director.