



1 **EC TYPE-EXAMINATION CERTIFICATE**

2 Equipment intended for use in Potentially Explosive Atmospheres Directive 94/9/EC

3 Certificate Number: Sira 03ATEX1152

4 Equipment: FP2C Motor Siren

5 Applicant: Klaxon Signals Limited

6 Address: Wrigley Street
Oldham
OL4 1HW
UK

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

8 Sira Certification Service, notified body number 0518 in accordance with Article 9 of Directive 94/9/EC of 23 March 1994, certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential report number R51A9012A.

9 Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the schedule to this certificate, has been assured by compliance with the following documents:

EN 50014:1997 (incl. A1-A2)

EN 50018:2000

10 If the sign 'X' is placed after the certificate number, it indicates that the equipment 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 the specified equipment. If applicable, further requirements of this Directive apply to the manufacture and supply of this equipment.

12 The marking of the equipment shall include the following:



II 2 G

EEx d IIB T6

Project Number 51A9012
Date 3 June 2003
C. Index 01

M D Shearman
Certification Manager

This certificate and its schedules may only be reproduced in its entirety and without change

Sira Certification Service

Rake Lane, Eccleston, Chester, CH4 9JN, England
Tel: +44 (0) 1244 670900 Fax: +44 (0) 1244 681330
Email: exhazard@siratc.co.uk



SCHEDULE

EC TYPE-EXAMINATION CERTIFICATE

Sira 03ATEX1152

13 DESCRIPTION OF EQUIPMENT

The FP2C Motor Siren uses either a 110 Vac motor or a 230 Vac motor that has the following on load ratings:

110 Vac, 50 Hz, 410 W, 3.7 A, 5400 RPM

230 Vac, 50 Hz, 530 W, 2.3 A, 5400 RPM

The motor contains a thermal cut-out rated at 125°C and is housed in a right-angled, cylindrical, metallic enclosure that has two, cast, integral feet for mounting.

14 DESCRIPTIVE DOCUMENTS

14.1	Drawing No.	Sheet	Rev.	Date	Title
	18-320130 *	1 of 3	A	03 Dec 02	General Arrangement of FP2C Motor/Siren
	18-320130	2 of 3	A	03 Dec 02	General Arrangement Flamepath Details
	18-320130	3 of 3	A	03 Dec 02	General Arrangement Enclosure Hole Details
	18-185685	1 of 1	A	20 Mar 03	Label Drawing 110 Volt
	18-183903	1 of 1	A	20 Mar 03	Label Drawing 230 Volt
	18-183904	1 of 1	A	03 Dec 02	Warning Label
	18-320131 *	1 of 1	A	03 Dec 02	Motor FP2C Siren

* These drawings were amended by Sira on 24 March 2003

14.2 Report No. R51A9012A

15 SPECIAL CONDITIONS FOR SAFE USE (denoted by X after the certificate number)

None

16 ESSENTIAL HEALTH AND SAFETY REQUIREMENTS OF ANNEX II (EHSRs)

The relevant EHSRs that are not addressed by the standards listed in this certificate have been identified and individually assessed in Report No. R51A9012A.

17 CONDITIONS OF CERTIFICATION

17.1 The use of this certificate is subject to the Regulations Applicable to Holders of Sira Certificates.

17.2 Holders of EC type-examination certificates are required to comply with the production control requirements defined in Article 8 of directive 94/9/EC.

Date 3 June 2003

This certificate and its schedules may only be reproduced in its entirety and without change

Sira Certification Service

Rake Lane, Eccleston, Chester, CH4 9JN, England

Tel: +44 (0) 1244 670900 Fax: +44 (0) 1244 681330

Email: exhazard@siratc.co.uk

Sira Certification Service is a service of Sira Test & Certification Ltd