

# ATEX DIRECTIVE 94/9/EC

Certificate No. XU1094/5631

## TEST CERTIFICATE



Product: Wide Area Siren



Model/Type Ref.: FP10 Wide Area Siren

Brief description of the product: Single ended disaster warning siren that is designed to give effective warnings over large areas. Driven by suitably certified EEx d or EEX de motor

Product type: Equipment

Client name and address: Klaxon Signals Ltd  
Wrigley St  
Oldham  
OL4 1HE

Manufacturing location (see page 2 for details): Klaxon Signals Ltd  
Wrigley St  
Oldham  
OL4 1HE

ATEX certification code   II 2 G EEx c IIC T1..T6

A sample of product has been tested and found to be in conformity with EN13463-1:2001 and EN13463-5:2003 as shown in the test report (reference no: XU1094/5630).

This certificate has been established under the requirements of Annex VIII the ATEX Directive 94/9/EC.

This certificate is the result of testing of a sample of the product submitted, in accordance with the provisions of the relevant specific standard(s), and assessment of supporting documentation. It does not imply an assessment of the whole production. The manufacturer of the equipment referred to in this certificate has the responsibility to ensure that the apparatus conforms to the specification laid down in the schedule to this certificate and has satisfied the routine verifications and tests referred to therein.

S K Barrowcliff, Director, Safety Division

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Distribution:  
Copies 1e  
Copies 2 & 3

Klaxon Signals;  
TRL Compliance Services Ltd.

Page 1 of 2

## FULL ADDRESS OF MANUFACTURING LOCATION

Klaxon Signals Ltd  
Wrigley St  
Oldham  
OL4 1HE

## GENERAL DESCRIPTION OF EQUIPMENT INCLUDED WITHIN THE SCOPE OF THIS CERTIFICATE

The FP10 single ended disaster warning siren is designed to give effective warnings over large areas using low frequency to maximise sound coverage with a traditional air raid siren sound. The FP10 siren is manufactured from cast aluminium and powered by a suitably ATEX certified and adequately rated 3 phase motor (flameproof).

The FP10 siren incorporates a 10 or 12 slot rotor enclosed by a 10 or 12 slot stator and is powered by a DMD-132 flameproof motor or similar frame size flameproof motor (5.5 kW) certified for apparatus group IIC.

## LIST OF APPROVED DRAWINGS

Document	Sheet	Rev	Date	Description
OL18-980334 *	1 of 1	0053	15/06/04	ASSEMBLY FILE ENQUIRY FP10 – Electronic BOM
18-185289	1 of 1	A	27/11/02	10 PORT ROTOR
18-185269	1 of 1	B	17/04/02	12 PORT ROTOR
18-185270	1 of 1	B	10/06/04	10 PORT STATOR
18-185268	1 of 1	B	10/06/04	12 PORT STATOR
18-185925/1	1 of 1	Not Available	Not Available	INSTRUCTIONS
SYFP010400 *	1-2 of 1	0040	20/01/04	OPERATIONS CARD FP10
Work Instruction #32	1 of 1	A	14/01/04	DARK ADMIRALTY GREY PAINT SPEC
18-185923	1 of 1	A	14/01/04	RATING PLATE FP6 & FP10 SIREN 400VAC

\* DENOTES A HARDCOPY PRINTOUT OF AN ELECTRONIC DOCUMENT/ HAS BEEN VERIFIED

## CONDITIONS FOR MANUFACTURING

1. Adequately rated and suitably certified flameproof motor of type DMD-132 or similar frame size flameproof motor shall be used and fitted in accordance with the manufacturers installation and operating specifications for the FP10 siren.
2. Manufacturer shall verify bonding between the Siren Stator and motor housing has less than 1 Ohm resistance using a 25A source.
3. Instructions for safe used and installation shall be shipped with each unit and shall also be made available in other EC community languages as and when required.
4. Manufacturer shall perform final inspection to verify that the flame paths on the flameproof motor or flameproof terminal box are not contaminated with foreign bodies or paint.

## SPECIAL CONDITIONS FOR SAFE USE

1. Equipment shall be installed per the requirements of EN50014 and EN60079-14
2. Equipment shall be routinely inspected per the requirements of EN60079-17
3. Equipment shall be located in a restricted access area to avoid personal injury
4. All moving parts of the equipment shall be protected against ingress of foreign bodies with diameter greater than 12mm – IP2X

## NOTES TO CE MARKING

Whilst CE Marking is referred to in the body of this certificate, TRL Compliance Services Ltd accepts no responsibility for the compliance of the equipment against all applicable Directives in all applications.