



1 **EC TYPE-EXAMINATION CERTIFICATE**

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

3 Certificate Number: **Sira 14ATEX1335X** Issue: **0**

4 Equipment: **Junction Box, Model: IJ 63080**

5 Applicant: **FCG Flameproof Control Gears Pvt. Ltd**

6 Address: Plot No. 40-43, Premier Industrial Estate
Kachigam
Daman (U.T) - 396210
India

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 the confidential reports listed in Section 14.2.

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 60079-0:2012 EN 60079-1:2007 EN 60079-7:2007 EN 60079-31:2014

The above list of documents may detail standards that do not appear on the UKAS Scope of Accreditation, but have been added through Sira's flexible scope of accreditation, which is available on request.

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 2GD
Ex d IIC T6 Gb
Ex tb IIIC 85°C Db
Ta = -50°C to +60°C

or



II 2GD
Ex e IIC T5 Gb
Ex tb IIIC 85°C Db
Ta = -50°C to +60°C

Project Number 70021290

C Ellaby
Deputy Certification Manager

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SCHEDULE

EC TYPE-EXAMINATION CERTIFICATE

**Sira 14ATEX1335X
Issue 0**

13 DESCRIPTION OF EQUIPMENT

The Model IJ 63080 Junction Box is a cylindrical, single compartment enclosure comprising a base and cover with an internal volume of 300 cm³. It is manufactured from stainless steel, cast iron or cast aluminium alloy with an epoxy paint finish, and is available with up to four, 1/2" NPT or M20 conduit openings. A 6-way, Phoenix Contact terminal block type G 5/6-EX, rated 300 V/30 A (certificate no. PTB 06ATEX1034U) is installed inside the enclosure. The enclosure cover is sealed with an O-ring gasket which, when installed in accordance with EN 60529, will provide an Ingress Protection (IP) rating of IP66.

14 DESCRIPTIVE DOCUMENTS

14.1 Drawings

Refer to Certificate Annexe.

14.2 Associated Sira Reports and Certificate History

Issue	Date	Report number	Comment
0	23 February 2015	R70021290A	The release of the prime certificate.

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

- 15.1 It is the user's responsibility to ensure that the earth continuity of the equipment is maintained via the mounting arrangement.
- 15.2 Due to epoxy resin applied to the enclosure for corrosion protection, there is a potential to store an ignition capable charge and therefore care must be taken during maintenance and cleaning to prevent this creating a dangerous situation. Refer to the installation instructions and marking for further information, which indicate to clean only with a damp cloth.

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 the reports listed in Section 14.2.

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.

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