



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: IECEx UL 15.0146X Issue No: 0 Certificate history:
Issue No. 0 (2016-03-30)

Status: **Current** Page 1 of 4

Date of Issue: **2016-03-30**

Applicant: **Raychem RPG Pvt. Ltd.**
Ceat Mahal Annexe 463
Dr. Annie Besant Road
Worli, Mumbai 400030
India

Electrical Apparatus: **Increased Safety Ex-E-GRJ Series Junction Boxes**
Optional accessory:

Type of Protection: **Increased Safety "e", Enclosure "tb"**

Marking:

Ex e IIC Gb T6
Ex e IIC Gb T5
Ex e IIC Gb T4
Ex tb IIIC Db IP 66 T100°C

-50°C to +40°C for T6
-50°C to +55°C for T5
-50°C to +70°C for T4
-50°C to +55°C for T100°C

*Approved for issue on behalf of the IECEx
Certification Body:*

Lucy Frieders

Position:

Staff Engineer

*Signature:
(for printed version)*

Date:



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2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the [Official IECEx Website](#).

Certificate issued by:

UL LLC
333 Pfingsten Road
Northbrook IL 60062-2096
United States of America





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Manufacturer: **Raychem RPG Pvt. Ltd.**
Ceat Mahal Annexe 463
Dr. Annie Besant Road
Worli, Mumbai 400030
India

Additional Manufacturing
location(s):

Raychem RPG Pvt. Ltd.
1/62, M.G. Road, Near Bharat Petroleum Pump, Off Western Express Highway, Post Sativali, Bassein, Taluka Vasai, Dist. Thane 401208,
Maharashtra
India

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.

STANDARDS:

The electrical apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

IEC 60079-0 : 2011 Edition:6.0	Explosive atmospheres - Part 0: General requirements
IEC 60079-31 : 2013 Edition:2	Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
IEC 60079-7 : 2006-07 Edition:4	Explosive atmospheres - Part 7: Equipment protection by increased safety "e"

*This Certificate **does not** indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.*

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in

Test Report:

[US/UL/ExTR15.0171/00](#)

Quality Assessment Report:

[US/UL/QAR13.0005/02](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

Raychem Ex-E-GRJ Series Junction Boxes utilize Ex component empty enclosures populated with Ex component terminal blocks. The enclosures consist of covers and bodies without gland plates.

See Annex for additional details.

CONDITIONS OF CERTIFICATION: YES as shown below:

All cable entry devices and blanking elements shall be suitably certified for the conditions of use and correctly installed per manufacturer's instruction

All unused conduit/cable openings must be fitted with a certified close up plug equivalent of the apparatus and must be marked with an IP66 rating.

Annex:

[Annex to IECEx UL 15.0146X Issue 0.pdf](#)

Nomenclature:

Ex-	E-	GRJ	400	250	120
I	II	III	IV	V	VI

I – Type of enclosure application

IECEx Terminal enclosure Ex e Increased safety

II – Enclosure IECEx Certificate Level

Enclosure Assembled with Terminal Installed

III – Enclosure Material and Type

GRJ – Glass Reinforced polyester junction box terminal enclosures

VI – Enclosure Length

XXX – Any two or three digit number that indicates the outside box length (in mm)

V– Enclosure Width

XXX – Any two or three digit number that indicates the outside box width (in mm)

VI– Enclosure Depth

XXX – two or three digit number that indicates outside box depth (in mm)