



AN ISO 9001:2008 COMPANY



GALVANIZED CONDUITS, STEEL CONDUITS & FITTINGS

Providing the Perfect Safety for Electrical Conductors.

Leading
the Indian Conduit
Industry
with Innovation,
Safety & Quality



ABOUT B. E. C. CONDUITS PVT. LTD.

Known as the pioneer of conduit pipes and pipe fittings, B.E.C. Conduits Pvt. Ltd (an associated concern of B.E.C. Industries) is India's oldest and largest manufacturer and exporter of Galvanized Steel Conduit Pipes, MS Painted Conduit Pipes and pipe fittings. The firm is also engaged in the manufacturing of Cable Trays, Raceways and related fittings. The parent company was incorporated in 1954 by late Mr. Balmukund Mehra. Over the years, B. E. C. Conduits Pvt. Ltd. has continued to uphold its tradition of setting the highest parameters for innovation, safety and quality across its range of products. With third and fourth generation members at its helm, the company has grown from milestone to milestone to become an ISO 9001: 2008 organization. The firm has also received the CE* safety mark approval for all its products as a testament towards its commitment to long-lasting excellence. Utmost priority on product quality and technical compliance with both Indian and international standards are maintained with state of the art infrastructure and dedicated personnel who are experts in their respective fields.

Widely acknowledged as the most reliable Indian brand for providing the safest conduit pipes and fittings, B. E. C. Conduits Pvt. Ltd. manufactures conduit pipes as per BIS 9537 standard, which is an equivalent of British Standard 4568. The company follows rigorous protocols* to ensure quality check at all levels starting from testing of raw materials to the testing of finished goods.

B. E. C. Conduits Pvt. Ltd. Providing the Perfect Safety for Electric Conductors.

CERTIFICATIONS

भारतीय मानक ब्यूरो
BUREAU OF INDIAN STANDARDS

Address: SCO 21, Sector 12
Faridabad
121007

Phone: 0129-290170, 290179
Fax: 0129-290180
E-mail: bis@bis.org.in
Web: http://www.bis.org.in

Permittee Branch Office

ATTACHMENT TO LICENCE NO. CML- 939608

CML NO.	NAME OF THE LICENSEE WITH ADDRESS	PRODUCT	BL NO.
97989	B.E.C. Conduits Pvt. Ltd. Begampur Khatoia, Gurgaon Haryana	Conduits for electrical installations (rigid-steel products)	IS 9357 - Part 1: 1981

ENDORSEMENT NO. 7 Dated 30/07/2015

Renewed for a further period of one year from First August Two Thousand and Fifteen to Thirty First July Two Thousand and Sixteen.

Other terms and conditions of License remain the same.

(Sudh Bharati)
Scientist B

ELITE
CERTIFICATIONS PVT. LTD.

Certificate of Registration

This is to certify that

B.E.C. CONDUITS PVT. LTD.

Has been assessed by ELITE Certifications Pvt. Ltd. and has been found to operate an ISO 9001:2008 quality management system conforming to:

Standard: ISO 9001:2008

Address: BEGAMPUR KHATOIA, NURSINGPUR, GURGAON-122001, HARYANA (INDIA)

Scope: MANUFACTURING AND SUPPLY OF STEEL & GALVANIZED CONDUIT PIPES & FITTINGS.

Certificate Number: NGR/9912E/1921
Date of Issue: 11.09.2012
Date of Expiry: 10.09.2015

ELITE CERTIFICATIONS PVT. LTD.
ISO 9001:2008 Registrar

REGAL QUALITY REGISTRARS INC.

CERTIFICATE

We confirm that the technical documentation for the below mentioned products according to the Council Directive 86/105/EEC Construction Product Directive (CPD)

Products:
Steel Conduit Pipes & Accessories, Cable Trays, Raceways & Fittings, Galvanized Conduit Pipes & Accessories, Earthing Strips & Accessories

Manufactured by company:
B.E.C. Conduits Pvt. Ltd.
142, Begampur, Khatoia, Gurgaon, Haryana - 122 001 India

Applicable Standard:
IS - 9357 Part - I - I 1981

is complying to the applicable essential requirements of Directive 86/105/EEC Construction Product Directive (CPD)

The Regal Quality Registrars Inc. has conducted with successful results the review of the manufacturer's technical documentation of the certified according to above mentioned Directive

This certificate is issued under the following conditions:

- It applies only to the above referenced set of products mentioned above. The manufacturer is obligated to ensure that all products of the respective model conform to the type assessed by this certificate.
- The Certificate validity is conditional to the positive results of the surveillance audits.
- The Certificate remains valid just for manufacturing conditions, the quality system or technical specifications are changed but not the 29th Aug 2015.
- After fulfilling the relevant EU legislative requirements, the manufacturer shall affix to each product of the above referenced model, CE Marking according to the following marking.

CE Marking
Date of registration: 07th Sep 2015
Date of the certificate: 07th Sep 2015
Date of Expiry: 29th Aug 2015

Authorized Signatory
Regal Quality Registrars Inc.

APPLICATIONS

- Designed for electrical piping systems for protection and routing of electrical wiring
- Channelizing Concealed & Surface wiring
- Widely catered to industries of Power Plants, Airports, Hotels, Shopping Malls and more

ADVANTAGE B. E. C.



CLIENTS

Our clients comprise prominent names from both the Government and private sectors across the industries of Infrastructure, Real Estate, Architecture, Engineering & Construction, Power and more. Included amongst them are:

Disclaimer: Please note that the all trademarks, trade names and logos belong to the respective owners. The logos above have been shown only to represent the corresponding organizations and brands that B. E. C. Conduits Pvt. Ltd. has worked with.

RANGE OF CONDUITS

The precision welded (Electrical Resistance Welded) range of conduit pipes is manufactured by the high frequency system on a specialized automated plant imported from the United Kingdom. The production process starts by feeding the steel coil into the automated plant followed by embossing of BEC & BIS logo at intervals of 1 metre. Formation into pipes, welding, cooling, sizing and cutting into size is all done by the automatic tube forming machine. Steel tubes are then either painted using enamel paint or are Hot Dip Galvanized.



SPECIFICATIONS FOR STEEL CONDUIT PIPES

Nominal Size* of Conduits (in mm)	Outside Diameter (in mm)	Tolerance in Outer Diameter (in mm)	Wall thickness of Conduit Pipes (in mm)
20	20	-0.3	1.4 to 1.8
25	25	-0.4	1.4 to 1.8
32	32	-0.4	1.4 to 1.8
40	40	-0.4	1.6 to 2.2
50	50	-0.5	1.6 to 2.2

* - Other sizes as per customer specifications can also be manufactured

RANGE OF ACCESSORIES

SPECIFICATIONS FOR SURFACE JUNCTION BOX

Material	Cast Iron
Finish	Black Enamel and Hot Dip GI
Dimension Internal	60 mm x 27.3 mm deep (0.75", 20 mm)
	60 mm x 30.6 mm deep (1", 25 mm)
	75 mm x 38 mm deep (1.25", 32 mm)
Fixing Centre	50.8 mm Tapped 2 BA (Imperial)
	M4 (Metric) for 20 & 25 mm
	71.5 mm Tapped 2 BA (Imperial)
	M4 (Metric) for 32 mm
Ranging	1 way, 2 way, 3 way and 4 way
Size (mm)	20/ 25/ 32/ 40/ 50 mm
Size (inches)	0.75/ 1/ 1.25/ 1.5/ 2"



RANGE OF ACCESSORIES

SPECIFICATIONS FOR DEEP JUNCTION BOX

Material	Cast Iron
Finish	Black Enamel and Hot Dip GI
Dimension Internal	60 mm x 65 & 75 mm deep (0.75", 20 mm)
	60 mm x 65 & 75 mm deep (1", 25 mm)
	75 mm x 65 & 75 mm deep (1.25", 32 mm)
Fixing Centre	50.8 mm Tapped 2 BA (Imperial)
	M4 (Metric) for 20 & 25 mm
Size (mm)	20/ 25/ 32/ 40/ 50 mm
Size (inches)	0.75/ 1/ 1.25/ 1.5/ 2"



SPECIFICATIONS FOR SOLID BEND

Material	Mild Steel/ HR Steel
Finish	Galvanized & Black Enamel
Size (mm)	20/ 25/ 32/ 40/ 50 mm
Size (inches)	0.75/ 1/ 1.25/ 1.5/ 2"



SPECIFICATIONS FOR INSPECTION BEND

Material	Cast Iron/ HR Steel
Finish	Galvanized & Black Enamel
Size (mm)	20/ 25/ 32/ 40/ 50 mm
Size (inches)	0.75/ 1/ 1.25/ 1.5/ 2"

SPECIFICATIONS FOR BAR SADDLE

Material	Mild Steel
Finish	Galvanized
Size (mm)	20/ 25/ 32/ 40/ 50 mm
Size (inches)	0.75/ 1/ 1.25/ 1.5/ 2"



SPECIFICATIONS FOR COUPLER

Material	Mild Steel
Finish	Galvanized & Black Enamel
Size (mm)	20/ 25/ 32/ 40/ 50 mm
Size (inches)	0.75/ 1/ 1.25/ 1.5/ 2"



SPECIFICATIONS FOR CHECK NUTS

Material	Mild Steel/ HR Steel
Finish	Galvanized & Black Enamel