

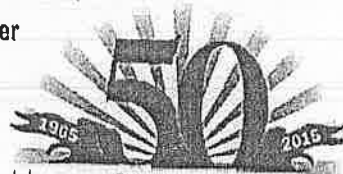


Bikaner Ceramics Pvt. Ltd.

Manufacturers : L.T. & H.T. Insulator and Owners of Ball Clay Mines



Regd. Office & Works : Porcelain & Polymer
Industrial Area,
Plot No. : 22,23,35,36, & 37
Rani Bazar
Bikaner - 334 001
Rajasthan



A Legacy of Trust and Commitment

Phone : +91-151-2529180
Fax : +91-151-2549858
email : info@bceramics.in
Website : www.bceramics.in
CIN No. : U26033RJ1968PTC001103

Guaranteed Technical Particulars of Disc Insulators Anti-Fog

CONTRACTOR
CLIENT
PROJECT

FLOWMORE ARPSL JV

BIHAR STATE POWER TRANSMISSION COMPANY LTD., PATNA

CONSTRUCTION OF (2x160MVA + 3x50MVA), 220/132/33 KV GRID SUB-
STATION AT TAJPUR (DIST. - SAMASTIPUR) COMPLETE (Planning and Engineering)
AUTOMATION SYSTEM (SAS) ON TURNKEY BASIS, Bihar State Power Transmission Company Limited
Vidyut Bhawan, Patna-800021

WORK ORDER NO. NOA NO. 03 & 04 DATED 21.01.2019

S.N		90KN	120KN
1.	Maker's Name & Address	M/s Bikaner Ceramics Pvt. Ltd., Industrial Area, Rani Bazar, Bikaner (Rajasthan) - 334001	
2.	Type of Insulator	Ball & Socket type Anti-Fog Disc Insulator (Type-B)	
3.	Size & Designation of Ball & Socket	16 mm	20 mm
4.	Disc Diameter (mm)	255 ± 11.7	255 ± 11.7
5.	Unit Spacing (in mm)	145 ± 4.65	145 ± 4.65
6.	Crepage distance (in mm)	430 435 (as per Type Test)	430 435
7.	Colour	Brown	Brown
8.	Surface	Smooth	Smooth
9.	Electro- Mechanical Strength (in Kg)	90 KN	120 KN
10.	Minimum failing load (in Kg)	90 KN	120 KN
11.	Impulse withstand test voltage	120 KV	120 KV
12.	Impulse withstand test voltage (1.2x50 Micro- Second-Ve wave, KV (Peak)	120 KV	120 KV
13.	Power frequency dry withstand test voltage KV rms	80 KV	80 KV
14.	Power frequency wet withstand test voltage KV rms	50 KV	50 KV

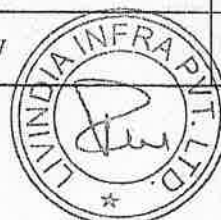
APPROVED (As per specification)

the responsibility for correctness of the materials
supplied as per specification

Electrical Superintending Engineer
(Planning and Engineering)
Bihar State Power Transmission Company Limited
Vidyut Bhawan, Patna-800021

ADOPTION

PR/BSPTCL/ 2021



Pg-5

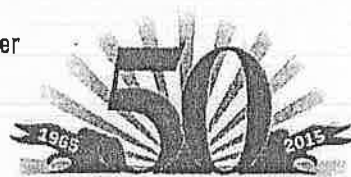


Bikaner Ceramics Pvt. Ltd.

Manufacturers : L.T. & H.T. Insulator and Owners of Ball Clay Mines



Regd. Office & Works : Porcelain & Polymer
Industrial Area,
Plot No. : 22,23,35,36, & 37
Rani Bazar
Bikaner - 334 001
Rajasthan



A Legacy of Trust and Commitment

Phone : +91-151-2529180
Fax : +91-151-2549858
email : info@bceramics.in
Website : www.bceramics.in
CIN No. : U26933RJ1965PTC001193
GSTIN No. : 08AAACB6690C1ZT

15	Power frequency dry flashover test voltage KV rms	85 KV	85 KV
16	Power frequency wet flashover test voltage KV rms	55 KV	55 KV
17.	Impulse flashover voltage 1.2x50 micro sec. + Ve wave, KV (Peak)	125 KV	125 KV
18.	Impulse flashover voltage 1.2x50 micro sec. - Ve wave, KV (Peak)	140 KV	140 KV
19.	Power frequency puncture voltage KV rms	120 KV	120 KV
20.	Net weight of single insulator unit (in kg.)	7.0 Kg. (Approx)	8.0 Kg. (Approx)
21.	ISS to which insulator will conform	IS : 731-1971	IS : 731-1971
22.	Type of locking Device and its dimension	"W" Type 16mm	"R" Type 20mm
23.	Reference of drawing enclosed	YES	YES
24.	Type of type test and other test Reports enclosed	YES	YES
25.	Whether inter changeability guaranteed	YES	YES
26.	Details of Galvanisation of ferrous parts	Uniformity of Zinc coating as per IS : 2633	
27.	Other details, if any	Drawing No. BCPL - 72	Drawing No. BCPL - 60

(For NIT 34/PR/BSPTCL/2018)

APPROVED

Subject to the condition that you are not absolved of the responsibility for correctness of the materials supplied as per specification

Electrical Superintending Engineer
(Planning and Engineering)
Bihar State Power Transmission Company Limited
Vidyut Bhawan, Patna-800021

31st May 19

[Signature]

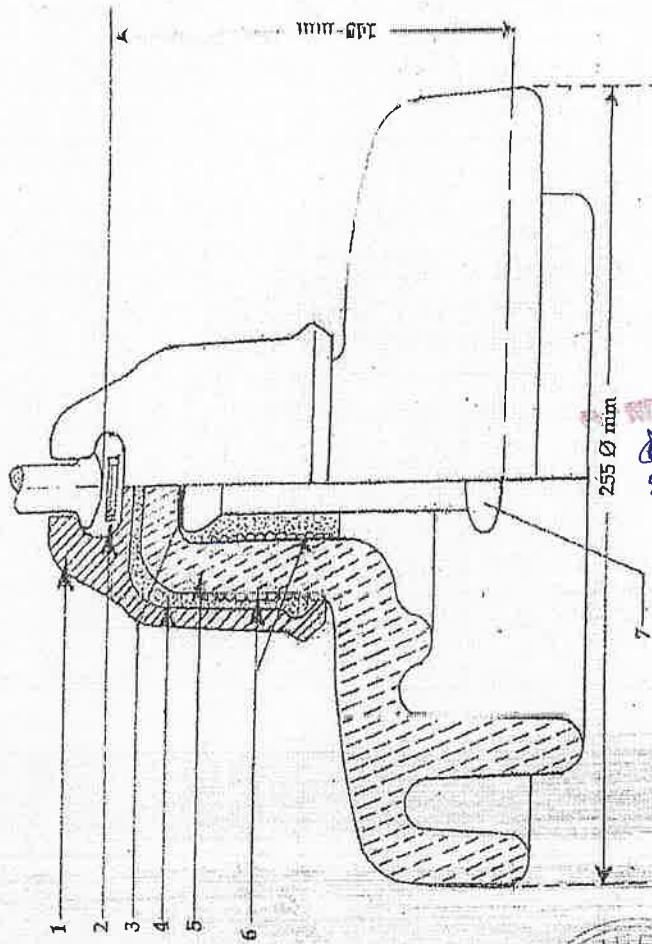
For Bikaner Ceramics pvt. Ltd



A.K. JHA
Lab Incharge



pg-6



TECHNICAL PARTICULARS	
1. Shell Dia	255mm
2. Spacing	145mm
3. Minimum Creepage Distance	430mm
4. Electromechanical Strength	90 kN
5. Tolerance	As per ISS

(For NIT 54/08/BSPTCL/2018)

APPROVED (as corrected)

Subject to the condition that you are not absolved of the responsibility for correctness of the materials supplied as per specification

Electrical Superintending Engineer
(Planning and Engineering)
Bihar State Power Transmission Company Limited
Vidyal Bhawan, Patna-800021

Materials

1. MC/SGI Hot Dip Galvanized Cap
2. Security Clip - W Type Stainless Steel
3. Cork Pad
4. Portland Cement
5. Porcelain Shell
6. Porcelain Grog
7. Forged Steel Duly Galvanized Ball Pin

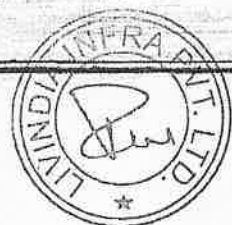
BIKANER CERAMICS PVT. LTD., BIKANER

DRAWING TITLE : 90kN DISC INSULATOR - ANTIPOG TYPE

Scale	: NTS	Approved by	:
Rev.	: 00	Checked by	:
Date	:		
Drawing No.	: BCPL - 72		
Date	: 14.06.2008		



CONTRACTOR	FIJOMORE ARP SL JV
CLIENT	BIHAR STATE POWER TRANSMISSION COMPANY LTD., PATNA
PROJECT	CONSTRUCTION OF (2X160MVA + 3X500MVA), 220/132/33 KV GRID SUB-STATION AT TAJPUR (DIST. - SAMASTIPUR) COMPLETE WITH SUB-STATION AUTOMATION SYSTEM (SAS) ON TURNKEY BASIS.
WORK ORDER NO.	NOA NO. 03 & 04 DATED 21.01.2019



TECHNICAL PARTICULARS

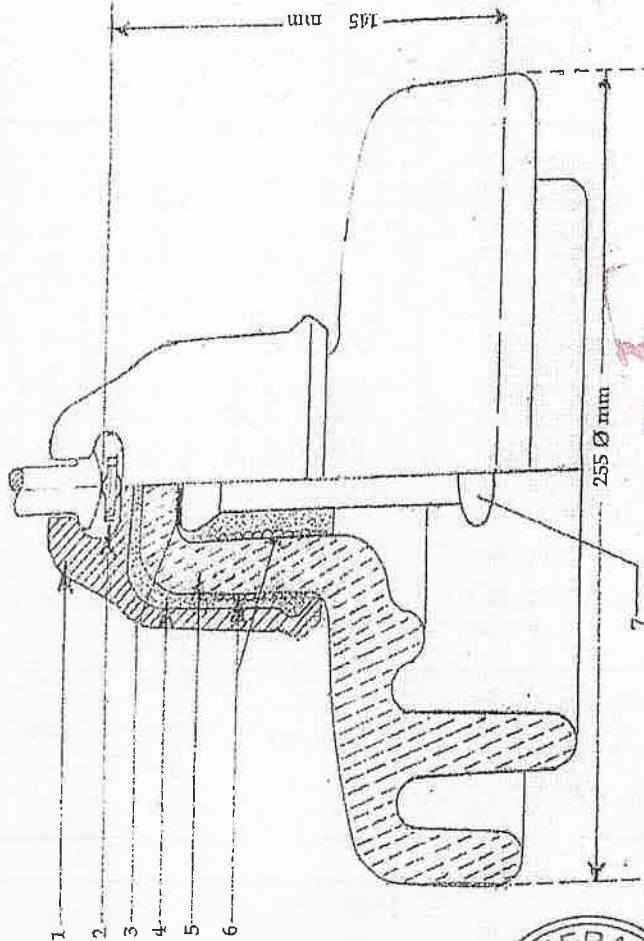
1. Shell Die	255mm
2. Spacing	145mm
3. Minimum Creepage Distance	430mm
4. Electromechanical Strength	120KN
5. Tolerance As per IS	IS: 731-1971

(for NIT 34/11/18/BSICL/2018)
APPROVED (As corrected)

Subject to the condition that you are not absolved of the responsibility for correctness of the materials supplied as per specification

Electrical Superintending Engineer
 (Planning and Engineering)
 Bihar State Power Transmission Company Ltd., Patna
 V. K. Bhowmik, Sr. Asst. Engrg.

Materials	
1.	MCI/SCI Hot Dip Galvanized Cap
2.	Security Clip - R Type Stainless Steel
3.	Cork Pad
4.	Portland Cement
5.	Porcelain Grog
6.	Porcelain Shell
7.	Forged Steel duty Galvanized Rail Pin



BIKANER CERAMICS PVT. LTD., BIKANER

DRAWING TITLE : 120KN DISC INSULATOR ANTIFOG TYPE

Scale : NTS
 Rev. : 0
 Date : 17.06.2010
 Drawing No. : BCPL - 60

Approved by :

Checked by :

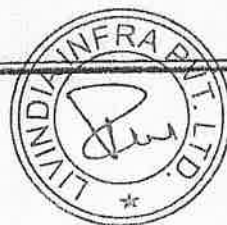


CONTRACTOR : FLOWMORE ARPSL JV

CLIENT : BIHAR STATE POWER TRANSMISSION COMPANY LTD., PATNA

PROJECT : CONSTRUCTION OF (2X160MVA + 3X500MVA), 220/132/33 KV GRID SUB-STATION AT TAPUR (DIST. - SAMASTHUR) COMPLETE WITH SUB-STATION AUTOMATION SYSTEM (SAS) ON TURNKEY BASIS

WORK ORDER NO. : NOA NO. 03 & 04 DATED 21.01.2019



89-10