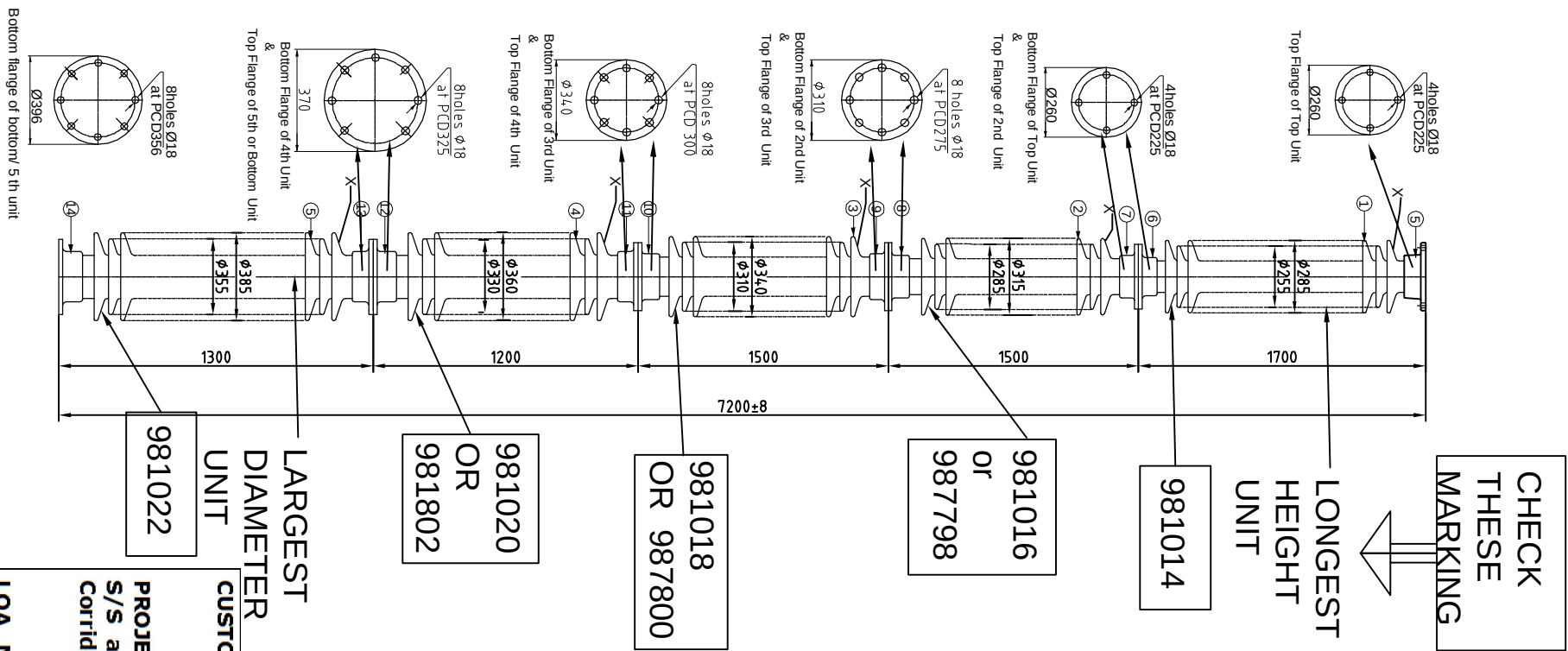


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TO IDENTIFY PACKING CASES OF 765 KV -10 KN BPI

ON PACKING CASES OF EACH INSULATOR CHECK:

IF THE NOS AS INDICIATED HERE ARE AVAILABLE,

IF NOT, CHECK LAST THREE NOS, TO IDENTIFY THE UNITS TO KNOW

THE POSITION IN STACK.

TOP UNIT - 981014 OR 014

2ND UNIT - 981016 OR 016 OR 987798 OR 798

3RD UNIT-981018 OR 018 OR 987800 OR 800

4TH UNIT 981020 OR 020 OR 987802 OR 802

5TH UNIT - 981022 OR 024

TO IDENTIFY INSULATORS OF 765 KV -10 KN BPI

CHECK MARKINGS AS INDICATED HERE ON BOTTOM SHED OF EACH INSULATOR TO KNOW THE POSITION IN STACK.

OR

OTHER OPTION TO IDENTIFY UNITS ARE NUMBER OF HOLES ON FLANGES AND DIAMETERS, AS INDICATED ON DRAWING

- TOP UNIT 4 HOLE AT TOP & BOTTOM- LONGEST HEIGHT UNIT
- 2ND UNIT 4 HOLE TOP & 8 HOLE BOTTOM
- 3RD UNIT - 8 HOLES-AT TOP & BOTTOM
- 4RD UNIT - SMALLEST IN HEIGHT & 8 HOLES-AT TOP & BOTTOM
- 5TH UNIT -LARGEST DIAMETER UNIT -8 HOLE AT TOP & BOTTOM

REV.	DATE	DESCRIPTION	APPD.
01	09/12/2016	Top & Bottom Unit's design Revised	DBC

Technical Data

Applicable Standards IS:2544, IEC:60168, IEC:60273, IEC:60815

DIMENSIONS

- | | | |
|-----------------------------|----------|-------|
| Min. Creepage Distance | mm | 24800 |
| Protected Creepage Distance | mm | 10500 |
| Min. Dry Arcing Distance | mm | 6950 |
| Pollution Level | Level IV | |

MECHANICAL VALUES

- | | | |
|----------------------|------|-------|
| Cantilever Strength | kgf. | 1020 |
| Torsional Strength | kgfm | 600 |
| Tension Strength | kgf | 10000 |
| Compression Strength | kgf | 24000 |

ELECTRICAL VALUES

- | | | |
|-------------------------------------|---------------|------|
| Normal System Voltage | kV | 765 |
| Highest System Voltage | kV | 800 |
| P. F., Withstand Voltage | kV | 975 |
| Impulse Withstand Voltage | kVp | 2550 |
| Corona Extinction Voltage | kV | 508 |
| Switching Impulse Withstand Voltage | +ve / -ve kVp | 1550 |

RIV TEST

- | | | |
|---|-----|------|
| Test Voltage to Ground | kV | 508 |
| Max. RIV for frequency between 0.5MHz & 2 MHz @ 508kV rms | mV | 1000 |
| PACKING DETAILS | | |
| Net Weight (approx) | kg. | 1095 |

CUSTOMER: POWER GRID CORPORATION OF INDIA LTD.

PROJECT: SS01 for Construction of 765/400/220kV Bhuj Pool (New) S/S and Extension of 765kV Banaskantha S/S under Green Energy Corridors: Inter-State Transmission Scheme (ISTS) – Part C

LOA No: CC-CS/484-WR2/SS-2953/11/G8/NOA-I & II/5727 & 5728
Dated 31 March 2016

CONTRACTOR: BHARAT HEAVY ELECTRICALS LIMITED

SUB CONTRACTOR: _____

SR NO.	DESCRIPTION	DRG. No.	WEIGHT	MATERIAL	QTY.	REMARKS
	TITLE General Arrangement of 765KV.S/C BUS POST INSULATOR FOR ISOLATORS					
			DRN	DBC	4.4.2015	PROJECTION 
			CKD	DBC	4.4.2015	
			APD	DBC	4.4.2015	
REF:- AB1/PGCIL/BPI/765-10 KN-31MM/STD			ALL DIMENSIONS ARE IN mm.			
			Drg. No.		Rev.No.	
			PGCIL			
 ADITYA BIRLA INSULATORS HALOL - INDIA			981024		01	