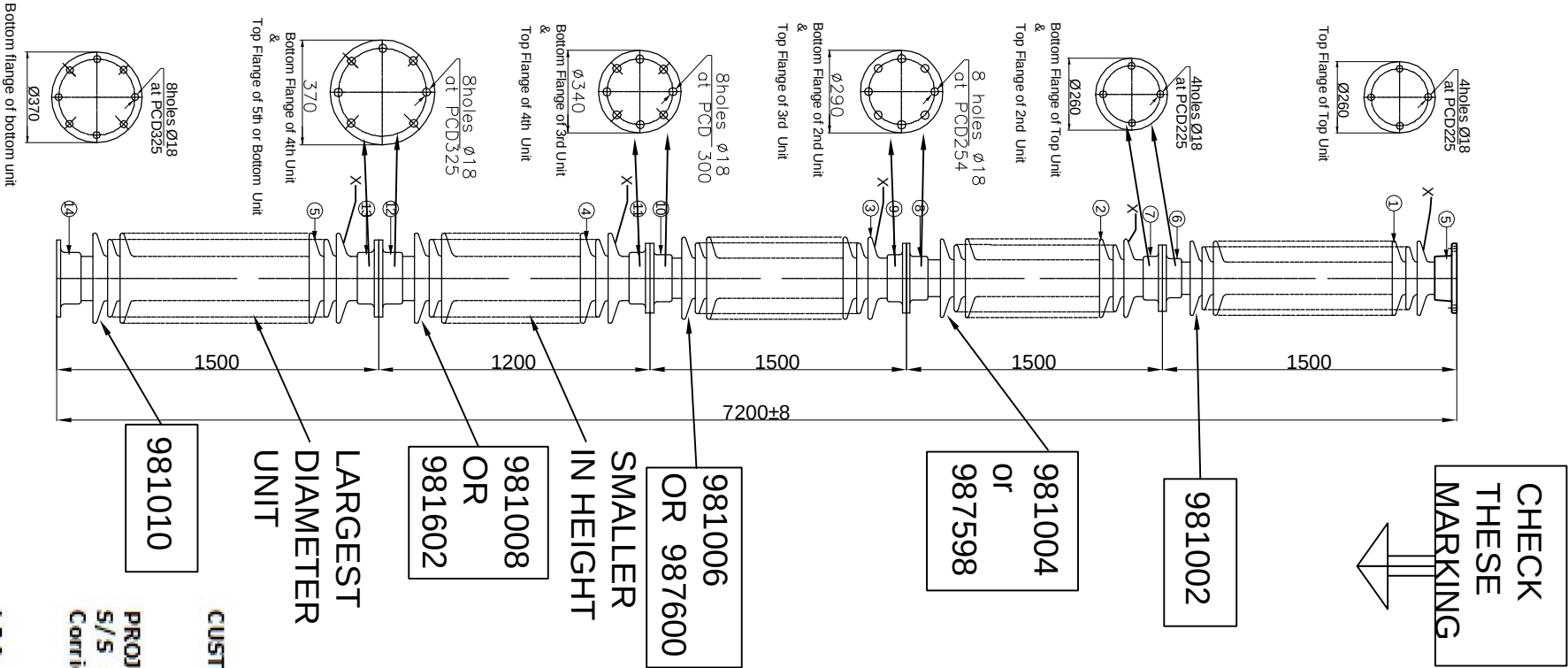


ALL INFORMATION CONTAINED IN THIS DOCUMENT IS CONFIDENTIAL & SHOULD NOT BE USED WITHOUT PROPER CONSENT OF ADITYA BIRLA INSULATORS



TO IDENTIFY PACKING CASES OF 765 KV -8 KN BPI

ON PACKING CASES OF EACH INSULATOR CHECK:
IF THE NOS AS INDICATED HERE ARE AVAILABLE,
IF NOT, CHECK LAST THREE NOS, TO IDENTIFY THE UNITS TO KNOW
THE POSITION IN STACK .

TOP UNIT - 981002 OR 002
2ND UNIT - 981004 OR 004 OR 987598 OR 598
3RD UNIT-981006 OR 006 OR 987600 OR 600
4TH UNIT 981008 OR 008 OR 987602 OR 602
5TH UNIT - 981010 OR 010

TO IDENTIFY INSULATORS OF 765 KV -8 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
- 2ND UNIT 4 HOLE TOP & 8 HOLE BOTTOM
- 3RD UNIT - 8 HOLES-AT TOP & BOTTOM
- 4RD UNIT - SMALLER IN HEIGHT & 8 HOLES-AT TOP & BOTTOM
- 5TH UNIT - LARGEST DIAMETER UNIT -8 HOLE AT TOP & BOTTOM

CUSTOMER: POWER GRID CORPORATION OF INDIA LTD.

PROJECT: SS01 for Construction of 765/400/220kv Bhuj Pool (New) 5/5 and Extension of 765kv Banaskantha 5/5 under Green Energy Corridors: Inter-State Transmission Scheme (ISTS) – Part C

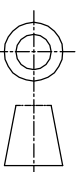
LOA No: OC-CS/484-WR2/SS-2953/11/G8/NOA-1 & II/5727 & 5728
Dated 31 March 2016

CONTRACTOR: BHARAT HEAVY ELECTRICALS LIMITED

SUB CONTRACTOR:

REV.	DATE	DESCRIPTION	APPD.

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	6200
Pollution Level	Level - IV	
MECHANICAL VALUES		
Canilever Strength	kgf.	816
Torsional Strength	kgfm	600
Tension Strength	kgf	10000
Compression Strength	kgf	20000
ELECTRICAL VALUES		
Nominal 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 m/s	mV	1000
PACKING DETAILS		
Net Weight (approx)	kg.	964

SR NO.	DESCRIPTION	DRG. No.	WEIGHT	MATERIAL	QTY.	REMARKS
TITLE General Arrangement of 765KV.S/C BUS POST INSULATOR FOR WAVE TRAP			DRN	DBC	4.4.2015	PROJECTION 
			CKD	DBC	4.4.2015	
			APD	DBC	4.4.2015	
			ALL DIMENSIONS ARE IN mm.			
REF:- AB/PGCIL/BPI/765-8KN-31MM/STD			Drg. No.		Rev.No.	
			PGCIL			
ADITYA BIRLA INSULATORS HALOL - INDIA			1 981012		0	



ADITYA BIRLA INSULATORS
HALOL - INDIA