



PART LIST			
NO	DESCRIPTION	MATERIAL	FINISH
1	HV. Terminal	Copper ETP	Nickel plated
2	Conservator	Aluminum alloy fabricated	Powder coated
3	Oil sight glass	Polycarbonate	
4	Upper insulator	Porcelain	Brown
5	Mounting flange	Aluminum alloy casting	Powder coated
6	Bottom insulator	Epoxy	Brown
7	Electrode	Aluminum alloy	Powder coated
8	Arching horn	MS HDG	
9	Center pipe	Aluminum alloy	
10	Condenser core	O.I.P.	
11	Rating plate	Aluminum	
12	Oil filling plug	SS	
13	Test tap	Aluminum	Anodized
14	Extension Pipe	Aluminum alloy	Anodized
16	Bottom terminal	Copper ETP	Nickel plated

TECHNICAL DATA		
1	Type	Draw rod type (OIP condenser)
2	Rated voltage.. L-L	145 kV
3	Working voltage.. L-E	84 kV
4	Rated current	1250 Amps
5	AC 1 min. test voltage (Wet)	275 kV
6	AC 1 min. test voltage (Dry)	305 kV
7	Lightning impulse	650 kVp
8	Total creepage length	3625 mm
9	Max. mounting angle	30° Max from vertical
10	Angle during storage	10°
11	Standard	IEC 60137
12	Cartleiver withstand	1600 Newton
13	Short time current	25 kA for 2 Sec.
14	Approx weight	148 kg.
15	Oil quantity	11 Ltrs

DRN	Darshan	
CHK	-	
APPD	DZ	YASH GUJARAT, INDIA.
DATE	28-11-2014	
CUST:	145kV 1250A (100 BCT) Condenser Bushing	YASH GUJARAT, INDIA.
SCALE:-	1:1	
DRG NO:	CBD1451250A	YASH GUJARAT, INDIA.
REV.	1	

Rev1: Changed title block, Changed Conservator design, added Insulator tolerance note, modify technical data.
 Note: Tolerance for Upper and Lower Insulators shall be as per IEC 62155.
 TOLERANCE UNLESS OTHERWISE SPECIFIED

±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2
0.5-6	6-30	30-120	120-400	400-1000	1000-2000	2000-4000