



EARTHING & LIFTING DETAILS

NO. QTY.	DESCRIPTION	MATERIAL
1	BELLOW LEVEL INDICATOR	ACRYLIC
2	HOUSING	ALUMINIUM
3	BASE	ALUMINIUM
4	PRIMARY TERMINAL SIZE- $\phi$ 50x125L	ALUMINIUM
5	PRIMARY WINDING	ALUMINIUM
6	SECONDARY WINDING	COPPER
7	PORCELAIN INSULATOR	PORCELAIN
8	SECONDARY TERMINAL BOX	---
9	RATING & SCHEMATIC DIAGRAM	---
10	BALL TYPE SAMPLING VALVE	STEEL PLATED
11	BELLOW	STAINLESS STEEL

**TECHNICAL SPECIFICATIONS**  
**110 KV CURRENT TRANSFORMER**

SPECIFICATION	UNIT	RATING
HIGHEST SYSTEM VOLTAGE (Ph-Ph)	Kilo Volts	123
HIGHEST SYSTEM VOLTAGE (Ph-E)	Kilo Volts	123/√3
POWER FREQUENCY WITHSTAND VOLTAGE FOR 1 MIN. (DRY & WET)	Kilo Volts	230
LIGHTNING IMPULSE WITHSTAND VOLTAGE	Kilo Volts(peak)	550
FREQUENCY	Hz	50
TOTAL GREEPAGE DISTANCE(MINIMUM)	mm	3075
TOTAL WEIGHT (±10%)	Kilogram	600
OIL VOLUME (±10%)	Lite	175
APPLICABLE STANDARDS		IEC: 61869-2

**FOR TENDER PURPOSE ONLY**

NOTE : PLEASE REFER INSTRUCTION MANUAL FOR HANDLING & TRANSPORTATION OF CT.

NO	REVISION	SIGN	DATE	SCALE	N.T.S.	DATE	22.08.2015	ALL DIMENSIONS ARE IN mm
R6			R4					
R5			R3					
			R2					
			R1					

GENERAL ARRANGEMENT DRAWING  
 FOR 110 KV CURRENT TRANSFORMER  
 TYPE-10SK146/275/650



GOWATON GREAVES LTD., AJIBANGABAO.  
 DRG.NO-E-0715012 CT1 GA/RO