PROLEC
APPROVAL DRAWING
31 /OCT /08
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UNLESS OTHERWISE STATED IN THE DATE STAMPED IN THIS STAMP

Bgul Sales Associates Inc
P.O. # P20080-138
GE Req # 420-87038
Prolec-GE Serial # : G2343-01

GSU TRANSFORMER
OUTDOOR, OIL-IMMERSED, ONAN/ONAF
60/80/100 MVA, 65°C, 60 Hz
THREE PHASE, 3300 ft.
161 / 92.4 kV Δ - 13.8 kV Δ

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TRANSFORMER

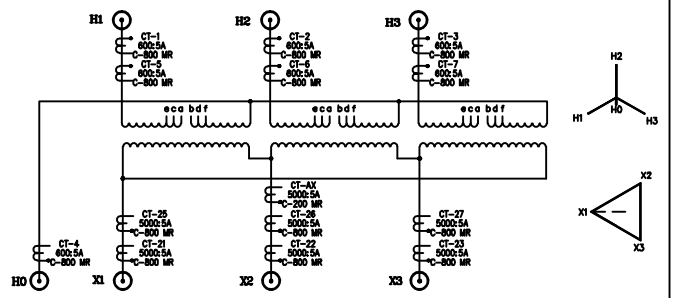
SERIAL No G2343-__, THREE-PHASE, 60 Hz, ALTITUDE 3300 ft

VOLTAGE RATING 161 000 GrdY / 92 950 – 13 800		
kVA RATING	60 000	CONTINUOUS @ 65 °C RISE ONAN
kVA RATING	80 000	CONTINUOUS @ 65 °C RISE ONAF
kVA RATING	100 000	CONTINUOUS @ 65 °C RISE ONAF

BASIC IMPULSE LEVEL (kV)			
	H1,H2,H3	X1,X2,X3	H0
BUSHING	750	150	150
WINDING	650	110	110

IMPEDANCE @ 85 °C		
XZ	kVA BASE	kV BASE
	60 000	161 – 13.8

APPROXIMATE WEIGHTS (POUNDS)	
CORE AND COILS	132829
TANK AND FITTINGS	48140
MAIN TANK LIQUID (7688 GALS)	57721
COOLING EQUIPMENT LIQUID (404 GALS)	3034
TOTAL WEIGHT	241724
UNTANKING WEIGHT (HEAVIEST PIECE)	132829
SHIPPING WEIGHT (WITHOUT OIL)	165190



HIGH VOLTAGE WINDING			
VOLTS	AMPERES	DE-ENERGIZED TAP CHANGER	
H1, H2, H3	100 000 kVA	POS	CONNECTS
169 050	342	1	a TO b
165 025	350	2	b TO c
161 000	359	3	c TO d
156 975	368	4	d TO e
152 950	377	5	e TO f

LOW VOLTAGE WINDING	
VOLTS	AMPERES
X1, X2, X3	100 000 kVA
11 500	4185

CAUTION !

1– BEFORE INSTALLING OR OPERATING READ INSTRUCTIONS G2343.

2– DO NOT OPERATE TRANSFORMER WHEN THE READING OF LIQUID LEVEL GAUGE IS BELOW THE LOW POINT OF THE SCALE.

3– DO NOT OPERATE DE-ENERGIZED TAP CHANGER WITH THE TRANSFORMER ENERGIZED.

NOTES

1– MAXIMUM OPERATING PRESSURES OF LIQUID PRESERVATION SYSTEM: 0.5 Lbf/in² POSITIVE AND 0.5 Lbf/in² POSITIVE.

2– TANK DESIGNED FOR 15 Lbf/in² VACUUM FILLING

3– LIQUID LEVEL BELOW TOP SURFACE OF THE HIGHEST POINT OF THE HIGHEST MANHOLE FLANGE AT 25° C: 14.00 in.

4– LIQUID LEVEL CHANGES: 0.91 in PER 10°C CHANGE IN LIQUID TEMPERATURE.

5– ALL WINDINGS COPPER.

6– FILLED WITH MINERAL OIL WHICH CONTAIN NO DETECTABLE LEVEL OF PCB AT THE TIME OF MANUFACTURE.

SUITABLE FOR STEP UP OPERATION

MANUFACTURE DATE: ___/ 2 0 0 __

MADE IN MEXICO

TRANSFORMER DESIGNED FOR A NOMINAL IMPEDANCE OF 8.00 % @ 60 000 kVA THE ACTUAL MEASURED IMPEDANCE VALUE WILL BE SHOWN ON THE NAMEPLATE.

MATERIAL: STAINLESS STEEL PS
DIMENSIONS: 18" x 12"

REV	DESCRIPTION
DESIGN GROUP	5

PROLEC GE ENGINEERING POWER DIVISION

http://www.prolecge.com

TITLE: NAMEPLATE

DFTM: AJESC 10/24/08
CHKD: ELG 10/24/08

THIS DRAWING CONTAINS PROPRIETARY INFORMATION WHICH SHALL NOT BE REPRODUCED WITHOUT PERMISSION OF PROLEC GE.

DRAWING No.: G2343010802
SHEET: 1 OF 1

REVISION:
DIMENSIONS IN: mm
SCALE: NONE
PROJECTION:
TOLERANCES: UNLESS OTHERWISE INDICATED