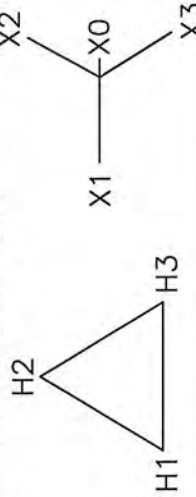


**VTC WEST S.A. DE C.V.**  
**CHIHUAHUA, CHIH. MEXICO**  
 A SUBSIDIARY OF VIRGINIA TRANSFORMER CORP., ROANOKE, VA, U.S.A.

**LIQUID FILLED TRANSFORMER**

SERIAL NUMBER: 421500A058W - WL705A  
 CLASS: ONAN/ONAF\*  
 kVA: 1500/1725\* AT 55 °C RISE  
 kVA: 1680/1932\* AT 65 °C RISE  
 HV: 4160 BIL: 60 kV WDG. MATERIAL: COPPER  
 LV: 600Y/347 BIL: 30 kV WDG. MATERIAL: COPPER  
 PHASES: 3 FREQUENCY: 60 HZ LIQUID: ERGON HVOLT II C50 B  
 IMPEDANCE: % AT 1500 kVA MANUFACTURE MONTH/YEAR:  
 K-FACTOR: 1.3

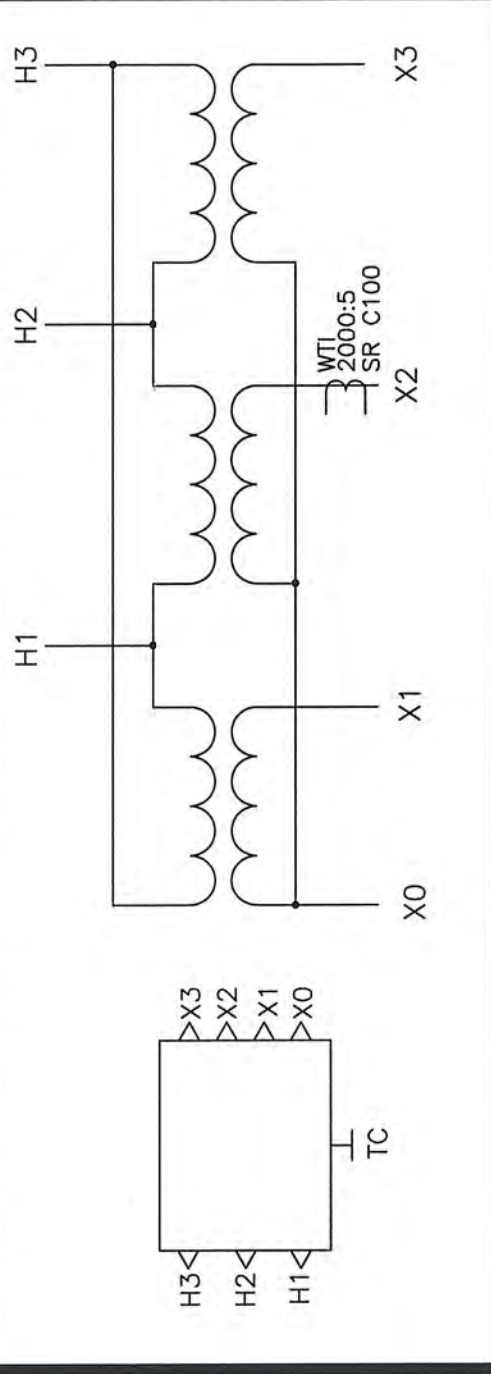
		VECTOR DIAGRAM	
VOLTS	AMPS @ 1680 kVA	POS	
4368	222	1	*TRANSFORMER DESIGNED TO SUPPLY: 239A @ 1725KVA / 268A @ 1932KVA HV AMP. 1660A @ 1725KVA / 1859A @ 1932KVA LV AMP. WHEN FUTURE FANS ARE ADDED.
4264	227	2	
4160	233	3	
4056	239	4	
3952	245	5	
HV			
LV		600	1616



APPROXIMATE WEIGHT kg (lbs)

CORE & COILS	2844(6270)	6804(15000)
TANK & FITTINGS	2449(5400)	3107(6850)
LIQUID m <sup>3</sup> (U.S. GALLONS)	1.39(366)	1.247(2750)

MAX. OPERATING PRESSURE 62(9) kPa (lbf/in<sup>2</sup>) POSITIVE, 48(7) kPa (lbf/in<sup>2</sup>) NEGATIVE.  
 TANK DESIGNED FOR 104(15) kPa (lbf/in<sup>2</sup>) VACUUM FILLING. 25 °C LIQUID LEVEL TO TOP FLANGE  
 OF MANHOLE 400(15.75) mm (IN). LIQUID LEVEL CHANGES 11(0.43) mm (IN) PER 10 °C CHANGE IN  
 LIQUID TEMPERATURE. CONTAINS NO DETECTABLE LEVEL OF PCB (<1 PPM) AT THE TIME OF MANUFACTURE.



**CAUTION**  
 DE-ENERGIZE TRANSFORMER BEFORE CHANGING TAPS  
 REFER TO INSTRUCTION MANUAL LF-4 BEFORE ENERGIZATION

11.0  
 0.1875  
 0.1875  
 7.0

**MATERIAL:** 0.1016 STAINLESS STEEL  
 NON-CORROSIVE OUTDOOR BLACK  
 LETTER ENGRAVED PROTECTIVE  
 CLEAR PLASTIC FILM  
 0.1875 DIA. HOLES (4)

**NOTE:**  
 FINAL IMPEDANCE, PRESSURE  
 AND WEIGHTS BE ENTRED  
 ON NAME PLATE AFTER TESTING  
 FOR NOMINAL DESIGN IMPEDANCE  
 SEE OUTLINE DWG.

Received  
 JAN 03 2012  
 SMCI-DC

ID TAG: XFMR-993C

SOLARIS MANAGEMENT CONSULTANTS INC.		
Project #	VDD #	PO #
E-10-01046		03
1	PROCEED & RESUBMIT CERTIFIED	
2	PROCEED, CHANGE AS NOTED & RESUBMIT CERTIFIED	
3	DO NOT PROCEED, CHANGE AS NOTED & RESUBMIT	
I/O	x DATA REQUIRED FOR INFORMATION ONLY	
By:	R Grant	Date: JAN 10 2012
ACCEPTANCE OF THIS DOCUMENT BY SOLARIS DOES NOT RELIEVE THE VENDOR OF ANY RESPONSIBILITY UNDER THE TERMS AND CONDITIONS OF THE APPLICABLE CONTRACT OR PURCHASE ORDER		

ALL DIMENSIONS IN INCHES & IN mm IF SHOWN IN PARENTHESIS	THIS DOCUMENT IS INTENDED FOR COORDINATION PURPOSES ONLY. OTHER USES ARE PROHIBITED EXCEPT BY WRITTEN PERMISSION OF VTC. WL705A-13.DWG	1	UPDATED	CDM 12/1/11	TITLE: STANDARD LIQUID FILLED NAMEPLATE	JOB# WL705A	
<b>VIRGINIA TRANSFORMER CORP.</b> 220 GLADE VIEW DR., N.E., ROANOKE, VA 24012 (540) 345-9892			DWN: DRM	CHK: DBR	DATE: 10/18/11	DWG SCALE: 1:1	PLOT SCALE: 1:1
B 421500A058W						SHEET 13	REV 1