

THREE PHASE PAD MOUNTED TRANSFORMER

VOLTAGE RATING		RATED FREQUENCY	60Hz
HV	13800V Delta	COOLING METHOD	ONAN
LV	415/240V Wye		

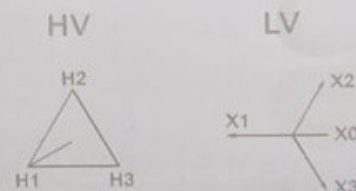
kVA RATING		%IMPEDANCE@85°C	TEMPERATURE RISE
2550		5.89 %	OIL 60°C
		PHASE 3	WINDING 65°C

INSULATION LEVEL(kV)		MATERIAL	
HV BIL	95	CONDUCTOR	ALUMINUM
LV& LVN BIL	30	INSULATING OIL	Contains no detectable level of PCB (less than 2 PPM) at the time of manufacture

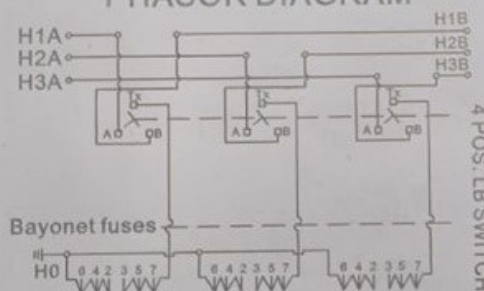
STEP-UP OPERATION

VOLTS (V)	TAP POSN	AMPS (A)	BETWEEN
14490	1	101.61	HV
14145	2	104.09	
13800	3	106.69	
13455	4	109.42	
13110	5	112.30	
415		3547.68	LV

WEIGHT	
CORE AND COILS	2720 kg
TANK AND FITTINGS	1070 kg
LIQUID	1640 kg
TOTAL WEIGHT	6096 kg
UNTANKING WEIGHT (HEAVIEST PIECE)	6096 kg

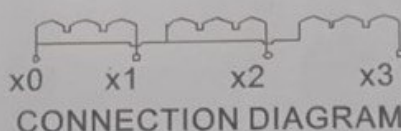


PHASOR DIAGRAM



ELECTROSTATIC SHIELD

REMOVABLE LINK



Maximum operating pressures of liquid preservation system 55 kPa (8psi) positive and 25 kPa (-3psi) negative.

Tank designed for full vacuum filling.

Liquid level below top surface of the highest point of the highest manhole flange at 25°C is 200 mm (7.9in). Liquid level changes 5 mm (0.2in) per 10°C change in liquid temperature.

APPLIED STANDARD.IEEE C57.12.34

DATE OF MFG: **01-27-24**

S/N: **54321-0127202404**

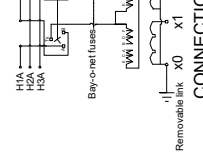
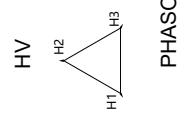
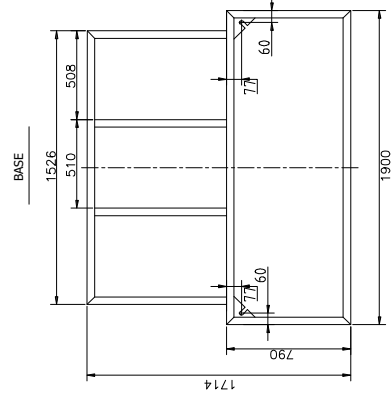
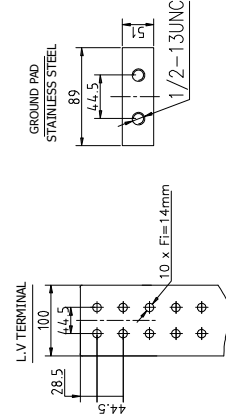
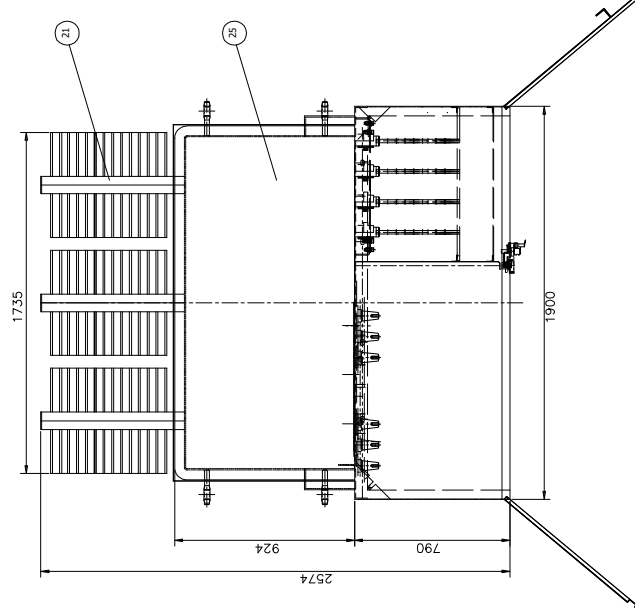
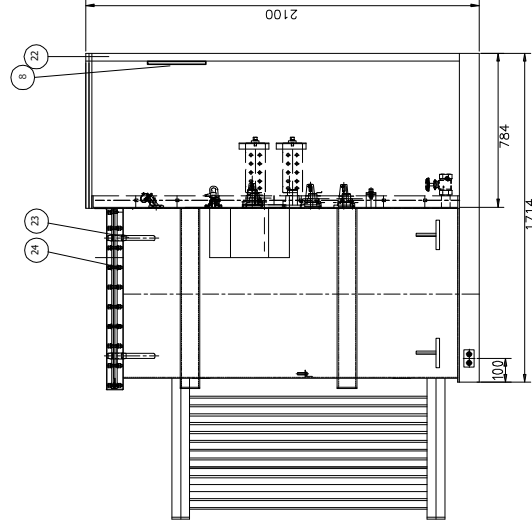
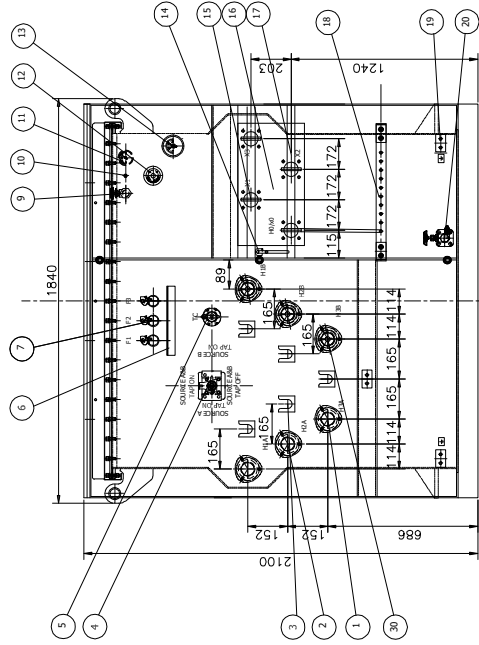
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META POWER SOLUTIONS

www.MetaPowerSolutions.com

DWG. TRANSFORMER 2550kVA 11.27.2023.
NO.



TYPE	ZGS-H-2550/11
DRAWN	CHECKED
CHECKED	CHECKED

Date: 11.27.2023

