

Virginia Transformer Corporation
 220 Glade View Drive, NE
 Roanoke, VA 24012

PROPOSAL · F111904A

COMMON FEATURES

ITEM #2	Type II Mineral S - Small Oil Power Dist.		QUANTITY 1
KVA	1500/1680/1725*/1932*	Application	Power Dist.
Cooling Class	ONAN/FFA"	Avg Winding Temp Rise	55/65°C
# Phases	3	Dielectric Fluid	Tvove // Mineral oar CSA STD
Frequency {Hertz}	60	Conductor Material	Cooner
HV Rating (V)	4160 Della	LV Rating (V)	600 Y/ 347
HVTaps	2 FCAN, 2 FCBN @. 2.5%	Norn. Impedance	5.75% ± 7 .5% at 1500 KVA
HV BIL (kV)	60	LV BIL (kV}	30
HV Bushing Mounting	Seoment II, Side	LV Bushing MountInti	Seoment IV, Side
HV Terminal Chamber	Partial ATC	LV Terminal Chamber	Throat
Radiators	Panel type demountable with isolation valves	Paint Color / Type	70 / III URETHANE OVER EPOXY
Losses	Guaranteed Max	Coll Tvove	Rectanaular
No Load Loss	3.5 KW at 100% volts	Load Loss	9.8 KW (@ 1500 KVA

Tank Construction: Liquid Filled Transformer, Sealed Tank Construction w/ Welded Top Cover and Dry Nitrogen Blanket; Provisions for Jacking, Skidding, Lifting; Diagrammatic Nameplate; (2) Stainless Steel Ground Pads Welded to Base on Diagonally Opposite Corners; Manhole w/ Gasketed Cover; De-energized, Manual No-Load Tap Changer; Panel-type Radiators; *Provision for future fans provided as per spec.

Gauges & standard fixtures*

Liquid Temperature Gauge with contact
Pressure Vacuum Gauge with contact and bleeder
Liquid Level Gauge with contact
Pressure Relief Device with contact
Sudden Pressure Relief - Gas
Simulated Winding Temperature Gauge with contact

Ambient Conditions

Ambient Temperature	Ambient -50/30AV/40 Max
Seismic Zone	Seismic 21 & 22
Altitude	Altitude < 3300 Ft

Testing

† Routine per ANSI

Shipping and Handling

Total estimated weight of the unit	(13,500) Lbs
Shipping weight	(13,500} Lbs
Overall dimensions estimated	Width(110) Inches, Depth(113) Inches, Height(80) Inches
Shipping dimensions estimated	Width(110 Inches, Depth(113) Inches, Height(80) Inches
Parts shipped separate	Ships oil filled and completely assembled.