

Substation

VanTran Substation transformers are in service around the globe with many satisfied customers. Base ratings up to 10 MVA and 46 kV primary voltages. Our units can be found in a variety of industries including offshore oil production, industrial and steel plants, military installations, and manufacturing facilities. Special application designs are our specialty for temporary power needs, hazardous environment locations, and countless other demanding applications.

All VanTran transformers feature sealed tank construction with welded on covers and conform to IEEE/ANSI C57.12 standards, where applicable. Skid mounting is also available as an option.

Numerous bushing options are available including cover-mounted, sidewall-mounted, and full air terminal chambers or throats for switchgear interconnection.

Standard Features:

- Liquid Level Gauge
- Top Oil Temperature Gauge
- Fill Plug
- Drain Valve with Sampler
- Schrader Valve for Nitrogen Blanket
- Automatic Pressure Relief Valve
- Externally Operated De-Energized Tap Changer
- Tank Grounding Pads
- Jacking provision
- Base designed for rolling
- Undercoating of tank bottom to prevent corrosion
- Diagrammatic corrosion resistant nameplate

Available Options:

- Hazardous duty for classified areas
- Primary & Secondary Dual Voltage & Special Taps
- Primary Molded Vacuum Interrupters
- Secondary Breakers
- 304L & 316L Stainless Steel tank, cabinets, & hardware
- Mineral Oil or Natural Ester Fluid
- Nitrogen Pressurization Systems
- K-Factor for drive applications
- Neutral Grounding Resistors
- Seismic Withstand
- Fork Lift Pockets
- Special Paint Colors

