

BRANDON & CLARK, INC.

PADMOUNT TRANSFORMER



COPPER WINDINGS

All Brandon & Clark padmount transformer windings are produced using copper conductor. Our materials selection philosophy is: use the highest quality materials in the repair or redesign of equipment. This philosophy enables us to help customers avoid unnecessary losses and maximize the life of their equipment.

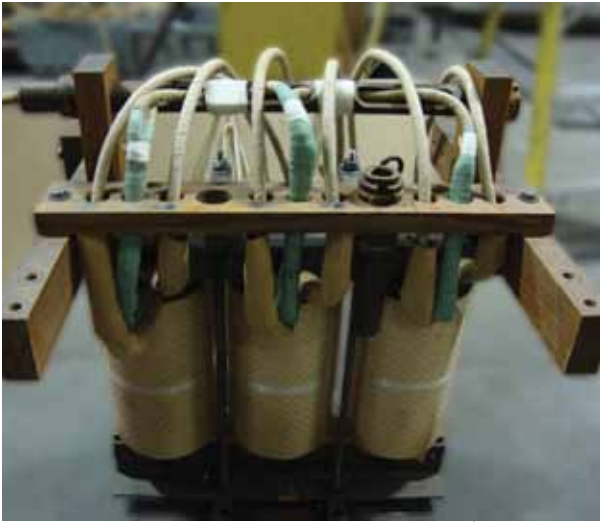
Brandon & Clark's experienced engineers are capable of converting your padmount transformer's aluminum windings to copper windings. Copper windings offer advantages in transformer losses and mechanical strength which is particularly important for industrial applications where large motor starting loads are present.

WINDING FACILITIES

Brandon & Clark's windings are produced in a climate controlled, humidity stabilized winding facility. This 5,000 square foot facility is separated from the rest of the shop areas to prevent winding contamination. Our winding facility houses eight winding machines and has a five ton hoist to assist with safe coil handling. The winding facility also houses our state of the art coil up-ending process which allows us to provide our customers with the strictest coil handling procedures in the industry.

CAPABILITIES AT A GLANCE

- Repair-Recondition-Redesign
- Conversions - Voltage, KVA, Physical Configuration
- All Copper Windings
- New Units Available
- IEEE/ANSI Testing and Design Standards
- 24 hr On-Call Field Service Staff
- K-Factor Design
- Custom Manufacturing
- Failure Analysis
- Expedited Delivery Options
- Clean, Climate Controlled Winding Facility
- Padmount Services Up To 7,500 KVA @ 35 KV
- Station Type
- We Buy Surplus & Scrap Units
- Padmounts Are Filled Using Vacuum Filling Technology
- Experienced Engineering Design Staff



the transformer tank. Moving the drain valve to the outside of your padmount tank will allow you the convenience of not having to wear PPE or deenergize your unit to take an oil sample.

2. FAST lead times, Brandon & Clark can custom manufacture a padmount transformer faster than most other manufactures can gather the materials to build your transformer.

3. Our engineers and padmount technicians can take your previously engineered padmount designs and build a new unit to meet those specifications; this option is especially helpful when you don't have room to expand your footprint for a new unit.

CUSTOM DESIGN

Brandon & Clark's design engineers, with over 50 years of combined experience, are capable of designing any padmount transformer you need.

3 Advantages of Custom Design

1. Brandon & Clark gives you the option to move the drain valve to the outside

ENGINEERING

Brandon & Clark's is capable of performing redesigns of padmount transformers. Redesign capabilities include changing primary and secondary voltages, KVA, k-factor rating and converting designs to copper conductor material and moving your drain valve to the outside of your unit.

ENVIRONMENTALLY FRIENDLY

Since 2005, Brandon & Clark has offered their customers the option to fill & retro-fill their electrical equipment with an environmentally friendly and EPA approved fluid called FR3™. Envirotemp FR3™ fluid is made from food grade seed oils and food grade performance enhancing additives, which makes it completely biodegradable. FR3™ fluid can help to extend the life of your transformers insulation and improves the transformers fire resistance through higher flash and fire points.



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“KEEPING INDUSTRY HUMMING SINCE 1950.”

Lubbock, TX - 800-289-2224 • 806-771-5600

Odessa - 800-999-1943 • 432-332-0163

Lubbock - Transformer Division - 806-771-5688

Ft. Worth - 877-638-5593 • 817-838-5593

Hereford - 800-692-4718 • 806-364-5470

Hobbs, NM - 800-222-3890 • 575-392-7561

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