



TRANSFORMER REWIND & REBUILD SOLUTIONS

With nearly 40 years of experience, AQ Transformer Solutions (AOTS) is the leading supplier of custom-built, dry-type transformers. You can trust our experience to deliver the quick turnaround you need to minimize downtime and keep operations running. Our state-of-the-art facility and accessibility options allow us to rapidly assess your specific issues, provide a comprehensive report, perform necessary repairs, and promptly deliver your unit.

REWIND/REBUILD CAPABILITIES

Repairs play a critical role in extending a transformer's life. By utilizing the latest technology, we can assure all repairs meet the current industry standards.



AQ Transformer Solutions rewind services include two distinct groups:

- **Factory Dry-type Rewinds** ranging from 600V class specialty machine tool transformers up to 10MVA, 35kV class power transformer.
- **On-site Dry-type Rewinds** are designed for projects with limited or difficult access to the transformer.

REWIND ADVANTAGES

The **economic and environmental advantages** of rewinding a transformer instead of replacing it are clear. Transformer core steel is almost always reusable. The high cost of new core steel makes the existing core a valuable resource and makes transformer rewinds an attractive choice. Since there is no enclosure or core to dispose of, and the replacement winding material is recycled, rewinding is an environmentally friendly option.

AQ Transformer Solutions is the leading transformer manufacturer in providing an on-site solution for dry-type transformer rewinding needs.

AQ Transformer Solutions

823 Fairview Road, Wytheville, Virginia 24382 United States

Tel: +1 276 228 7943 Fax: +1 276 228 7953

Email: sales.transformersolutions@aqgroup.com Website: www.aqgroup.com



WE ARE RELIABLE



OUR EXPERTISE IS YOUR SOLUTION

Building design, elevator capacity, or other factors can make the removal of a failed transformer impractical. Traditional removal solutions, such as major building reconstruction or elaborate rigging methods are time consuming and cost prohibitive. AQ Transformer Solutions has a cost-effective answer. AQTS can rebuild your original dry type transformer on-site and in place. Our engineers work closely with local electrical contractors or in-house maintenance staff to design a program that meets your needs.

AQ Transformer Solutions has been rewinding dry-type transformers since 1985.

OUR ON-SITE PROGRAM INCLUDES:

- An AQTS technician visits the site to assess the project requirements, take detailed measurements of the original units, and meet with your staff or contractor to make recommendations in the arrangement of rigging.
- After design and review by AQTS engineers, we offer a proposal and project scope for the on-site rebuild. Under the direction of the contractor or maintenance staff, we provide disassembly of the transformer, removal of coils, installation of newly manufactured coils and reassembly of the transformer.

Our on-site rebuild solution is much more cost effective than traditional solutions and is typically available within four to six weeks of order placement.

WHY TRANSFORMER REWIND / REBUILD IS THE PERFECT CHOICE:

- **Save Time** - Industry average shipping time on new transformers is more than 10 weeks. Most transformers can be repaired / rewound within just a few weeks.
- **Save Money** - In most cases, enclosures, cores, bus, temperature monitors, and fittings can be reused while the working part of your transformer, the coils, are replaced. This typically translates into savings over buying a new transformer.
- **Improved Design** - AQTS upgrades the rewound unit by using current design techniques and materials, often resulting in increased capacity, greater efficiency and lower temperature rises.
- **Perfect Fit** - It may take weeks to find a replacement transformer and if a suitable transformer is found, major modifications may be necessary to make it fit. A rewound unit fits exactly into the original space, and electrical connections are the same.
- **Environmental Considerations** - Disposal costs are eliminated. The core can be reused, and the coil material can be recycled, making rewind a cost-effective and environmentally responsible choice.

AQ Transformer Solutions

823 Fairview Road, Wytheville, Virginia 24382 United States

Tel: +1 276 228 7943 Fax: +1 276 228 7953

Email: sales.transformersolutions@aqgroup.com Website: www.aqgroup.com



WE ARE RELIABLE