

TRANSFORMER DIAGNOSTIC EVALUATION

DELIVERING CONFIDENCE IN THE OPERATING CAPABILITIES OF ALL YOUR TRANSFORMERS

WEIDMANN has combined four major components of its laboratory testing capabilities and engineering diagnostic expertise into one complete Transformer Diagnostic Evaluation package. These components provide increased confidence in the operating capabilities of all your transformers.

1. Dissolved Gas Analysis (DGA) is the most widely used technology for detecting thermal and/or electrical faults in transformers. Our reports evaluate the DGA test data according to the latest IEEE guidelines and additional criteria developed by our diagnostic service centers.
2. Oil Quality Assessment provides an answer to the 4R question of oil evaluation: Retain, Recondition, Reclaim, or Replace. Oil condition has a direct bearing on the life and performance capabilities of the transformer.
3. Solid Insulation Condition - The Furan derivative content of the oil is measured to assess the Solid Insulation Condition and provide a calculated Degree of Polymerization (DP).
4. Engineering Analysis - WEIDMANN Engineers interpret your laboratory test results and summarize the unique condition of individual transformers. They identify your equipment that is in good condition and recommend corrective action for those units requiring further attention.

GET THE CONFIDENCE YOU NEED IN THE OPERATING CAPABILITIES OF ALL YOUR TRANSFORMERS.

- Identify Which Units Require Further Action
- Direct Better Focus on Maintenance Activities
- Enhance Reliability and Performance
- Reduce Unexpected Failures
- Enable Better Planning for Future Loading Requirements
- Reduce Costs
- Help Prioritize Expenditures



WEIDMANN Engineers have a clear understanding of insulation system integrity and equipment reliability, and the ability to apply that knowledge to key oil test results. They have expertise in analyzing aging and problematic transformers, and the ability to recommend and implement action plans to enhance the life and performance of those transformers.

WEIDMANN DIAGNOSTIC SOLUTIONS provides quality testing of insulating oil and is dedicated to the development and implementation of innovative diagnostic and engineering solutions.

We provide the highest quality services through converting analytical and engineering data into critical asset management information. These services provide our clients reduced maintenance costs, decreased unplanned outages, enhanced performance, and extended life of their electrical apparatus.

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WEIDMANN

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