ANALYZE THE HEARTBEAT OF THE ON-LOAD TAP-CHANGER WITH VIBRO-ACOUSTICS.

PREVENTION IS THE TOP PRIORITY.

As an operator or manager in charge of service measures, you attach particular importance to the following in regard to regulated transformers:
- Preventing breakdowns
- Planning and prioritizing maintenance/servicing measures
- Ensuring reliable operation
- Data-based lifecycle management

The condition of the on-load tap-changer is critical for the operation of your transformers. Using vibro-acoustic measurement (VAM), you get meaningful data at an early stage.

VAM records characteristic vibration signals that an on-load tap-changer emits during a tap-change operation. The installed MSENSE® VAM monitoring system, measurements taken on-site by the MR TESSA® VAM service or your own devices, such as TESTRANO 600 from OMICRON, provide the data.
Creating meaningful diagnoses from the measured vibration signals is challenging and requires a detailed understanding of the switching sequences of on-load tap-changers. As the leading global manufacturer of on-load tap-changers, MR and its experts have unique knowledge that they use to interpret VAM data thoroughly. The VAM ANALYSIS SERVICE from MR provides this knowledge in the form of a detailed report with information on the condition of the on-load tap-changer, as well as handling recommendations. The reports can be requested quickly and easily using the MR customer portal.

Functional scope

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BENEFITS OF THE VAM ANALYSIS SERVICE

Flexibility
- Regardless of transformer status (in/out of operation)
- Can be combined perfectly with other measurements, such as DRM and DGA
- No prior knowledge needed to interpret the VAM data
- Available for on-load tap-changers from MR as well as from many third-party manufacturers

Operating safety
- Acoustic fingerprint for detecting wear and aging of the on-load tap-changer
- Feedback about the safe and reliable condition of the on-load tap-changer
- Clear recommendations for action if needed

Fast interpretation of measurement data
- Detailed comparison with reference curves of the on-load tap-changer type from the MR database
- Precise breakdown of the tap-change process in comparison to manufacturer specifications
- Extensive report with detailed illustrations

Interested in the VAM ANALYSIS SERVICE? Load your VAM data into our customer portal and request a quotation:
https://portal.reinhausen.com

More information on VAM:
www.reinhausen.com/vam-analysis-service

CONTACT US AT:
SERVICE@REINHAUSEN.COM

THE POWER BEHIND POWER.