



Transformer Factory Qualification Audit

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Ref: CIGRE TB 530:2013 Guide for conducting factory capability assessment for power transformers

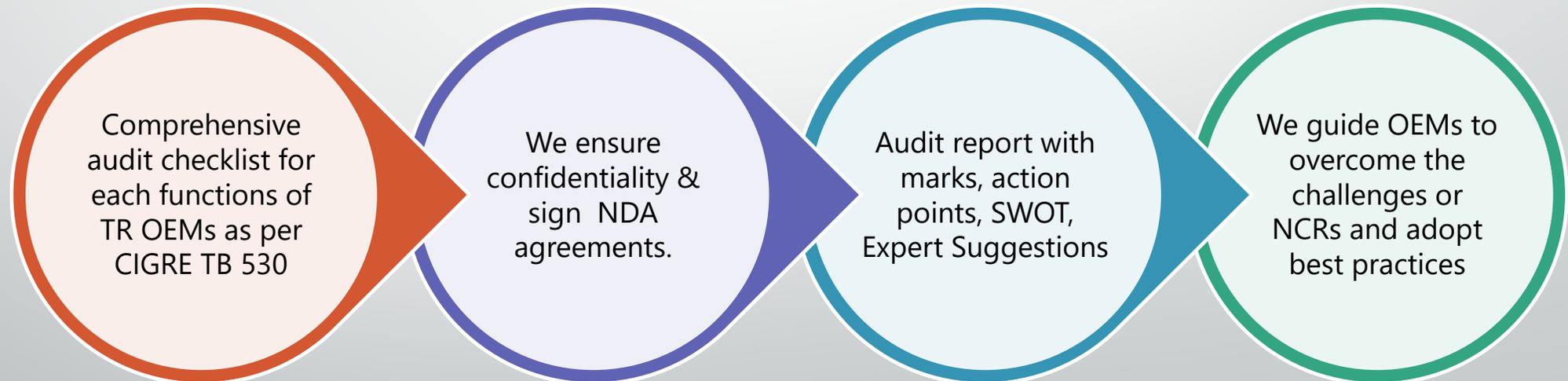
Qualification Audit Objectives

- Determine overall quality, tech competency, manufacturing capability of transformer manufacturer
- Comprehensive evaluation using pre-defined metrics for each critical functions of manufacturer.
- SWOT analysis of OEM helps to take well informed purchase decisions & define risk mitigation actions during design review & manufacturing stages.

JS TrafoEnergy Expertise

Electrical & Mechanical design
IEC/IS Standards compliance
Quality & manufacturing review
Performance & remnant life assessment
Experience in State of Art OEMs facilities

Our Process



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Functions to be audited

R&D, Engineering

Quality

Manufacturing Processes

- Core assembly

- Winding assembly

- Core Coil assembly

- Lead connection

- Dry out process, Tanking

- Factory testing & test

- Packing and Dispatch

Transportation, Site work

Erection and commissioning

Life cycle management

Why Choose JS TrafoEnergy?

- ✓ **37+ years** of Experience in Transformer Engineering
- ✓ **Unbiased** evaluation, free of manufacturer influence
- ✓ Consultant exposure to **multiple technologies**
- ✓ Understand **Quality Impacts** of each manufacturing cells
- ✓ Past **Site compliant** performances

3 main focus areas

1. Technology, Engineering and Design
2. Quality, Purchase, Manufacturing & Testing
3. Site works, customer support and Performance indicators

For further details, please contact

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