Engineer - Quality Control (Solar Transformer - IDT Manufacturing)

Company: Tesla Transformers Group

Location: Mandideep / Bhopal, Madhya Pradesh Experience Required: Minimum 5 years Department: Quality Control

Reporting to: QC Head / Plant Head

# Job Description:

Tesla Transformers Group is seeking a dedicated and experienced Quality Control Engineer with a strong background in Solar Transformer manufacturing (especially Inverter Duty Transformers - IDTs). The candidate will be responsible for ensuring product quality, adherence to standards, and continuous improvement across the production process.

# Key Responsibilities:

* Conduct in-process and final inspection of solar/inverter duty transformers (IDTs).
* Ensure compliance with IEC / IS standards related to transformer manufacturing.
* Monitor and implement quality assurance plans, standard operating procedures (SOPs), and inspection protocols.
* Handle non-conformities (NCRs) and initiate corrective/preventive actions.
* Coordinate with production, design, and testing departments for process improvements.
* Maintain detailed inspection records, test reports, and documentation as per ISO/quality audit standards.
* Supervise third-party inspections and customer inspections.
* Analyze test failures and collaborate with R&D for root cause analysis.
* Ensure calibration and maintenance of testing and measurement instruments.
* Train and guide junior QC staff and line inspectors.

# Required Skills & Qualifications:

* B.E. / B.Tech in Electrical or Mechanical Engineering.
* Minimum 5 years of hands-on QC experience in manufacturing of solar transformers (IDT).
* Thorough understanding of transformer design, raw materials, assembly, and testing processes.
* Familiarity with quality tools like 7QC tools, RCA, CAPA, and FMEA.
* Knowledge of international transformer standards (IS/IEC/IEEE).
* Strong communication, documentation, and coordination skills.
* Exposure to ISO 9001 / 14001 / 45001 compliance is preferred.

# Employment Type:

Full-time

# CTC:

As per industry standards & experience

# How to Apply:

Interested candidates may email their update to CV hr@teslapower.biz

[www.teslspowerltd.com](http://www.teslspowerltd.com)