

Chirag Rane

Quality Engineer



chiragrane32@gmail.com



8160686460



51,ranjitnagar,danteswar,vadodara-390004



Indian



Unmarried

PROFILE

Results-oriented Quality Engineer with overall 8 years of experience in transformer manufacturing and quality, ensuring products consistently meet quality standards and regulatory compliance. Proven expertise in designing and implementing testing protocols, identifying defects, and collaborating with production teams to drive resolution. Committed to continuous process improvement, enhancing operational efficiency, product integrity, and overall customer satisfaction

PROFESSIONAL EXPERIENCE

Pakona Engineering PVT LTD

2018 – 2019 | Vadodara, India

Apprenticeship

- Based in Vadodara, I handled fabrication and production work, including the production of vertical and horizontal packing machines, as well as the fabrication of packing machine guards and doors.

ABB INDIA LTD

06/2020 – 07/2022 | Vadodara, India

Trainee

- I was responsible for the complete assembly and dismantling of various mechanical components, ensuring all parts were correctly fitted, aligned, and functioning as per specifications.
- My role also involved the assembly of ARC chambers, which required precise handling of specialized components, ensuring proper sealing, wiring, and integration for optimal performance.
- This work demanded attention to detail, adherence to safety protocols, and thorough testing to ensure the final product met quality and operational standards.

HITACHI ENERGY LTD

2022 – 2025 | Vadodara, India

Quality Engineer

- In the SPT department, my responsibilities included verifying core assembly, ensuring the accurate completion of tasks, and notifying the quality coordinator and production supervisor of any quality issues identified during gasline inspections, which I also raised in meetings.
- Additionally, I conducted core inspections for 2KV AC and DC systems, checking clearances before and after winding, as well as performing tests for FOS (Flash Over Strength) and using a megger to ensure proper insulation resistance.

GE vernova

2025 – 2026 | Halol, india

Quality associate

In the **Core Stage**, I performed 2kV testing in at least 17 combinations, conducted megger tests, and verified all parameters.

During the **Coil Lowering Stage**, I checked 2kV and megger readings, ensured proper lead centering, and verified impressions.

In the **Tanking Stage**, I carried out 2kV and megger tests and inspected all clearances, including bushing and lead-to-tank clearance.

At the **Customer Stage**, I verified dimensions, BOM, dew point, DFT, and paint shade, and tested oil parameters such as PPM, BDV, tan delta, and resistivity.

In the **Dismantling Stage**, I ensured proper internal cleaning, accurate tapping, and completed all necessary tasks. I also have experience working on **HVDC** projects.

Voltamp Transformers Limited

02/2026 – Present | Makarpura maneja

Quality Engineer

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EDUCATION

SSC 2012 – 2013 | Vadodara, India
Navsarjan vidhyalaya

HSC 2015 – 2016 | Vadodara, India
Mahatma gandhi vidhyalaya

Industrial training institute 2013 – 2014 | Vadodara, India

ITI Fitter 2016 – 2018 | Vadodara, India
Tirupati ITI

Diploma in Mechanical Engineering 2017 – 2020 | Vadodara, India
M.S university

SKILLS

- Autocad
- Microsoft
- Training in confined space & Rescue

LANGUAGES

Marathi Gujarati
Hindi English