Harshal Patil

Junior Engineer

💼 3 Years 0 Month | 📱 (+91) 6352540302 | ✉ hspatil152@gmail.com

Key skills

- Shift Management
- Shift Planning
- SAP
- VFD
- Overhauling
- Preventive Maintenance
- Maintenance
- Troubleshooting
- Shutdown Maintenance
- Manpower Handling
- Management
- Electrical Maintenance

Personal Information
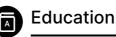
City **Surat**

Country **INDIA**

Languages

- HindiEng

Profile Summary

i am urgently looking for a better opportunity. Having 3 year of experiences Of Maintenance Electrical Equipment, I handle the shifts, I maintain all the electrical equipment, I handle the manpower.I worked in a power plant in 97 MW.

Education

Diploma, 2021

GUJARAT TECHNOLOGICAL UNIVERSITY

Work Experience

Aug 2021 - Present

Junior Engineer

Tata Chemicals

1.About 97 MW Cogeneration Captive Thermal Power Plant With 7 Individual TG Sets & DG Sets (2x1250kw) With Its Synchronization. 2. Handling Of Electrical Equipment Like LT & HT Motors, VSD???s, Power Transformers (Up To 25MVA), ESP, MCC, PCC, Battery Chargers. 3.Working With Power Distribution System Of 11KV, 6.6KV, 3.3KV And 440V. 4.Power System Protection Equipment Such As Circuit Breakers (Siemens VCB & ACB), Microprocessor Based Numerical Relays & Electro-Mechanical Relays. 5.Handling AC VSD (ALTIVAR 71). 6.Working Experience On Commissioning And Troubleshooting Of Siemens Make G120 Vfd???s 7. Knowledge Of IR Test, Winding Resistance Measurement, Thermography Of Motors 8.Overhauling Of Panels, Circuit Breakers, Motors As Per Schedule And Periodically Inspection Of Transformers, Motors, Earthling Grid; Corrective Actions As Per Report.

Projects

153 Days

1.How To Work SAPA (Soda Ash Packaging Are)DRIVE

In This Project I Learn How To Start Vfd How To Control Vfd And Study Safety Interlocks And Controlling Parameters

2.Check Motor Relay Settings.

IN TATA chemicals First project during obsuption:- Created a list of all critical drives as well as all drives details and made currection of drives whose relay setting and the equipment who was replaced and was not according to ratings of the motor