



Mihir Patel

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About Me

Electrical Engineer

As an Electrical Control Engineer with varied professional experience in multi-disciplined engineering teams I'm Expert in Transformer Design as well as control and protection design of transformer. Specialize in project design manufacturing design improvements and team leadership. Strong engineering professional skilled in Power Systems, Engineering, SCADA, Switchgear, and Electrical Engineering.

Professional Experience

Electrical Design Manager

PowerLite Electricals

Mar 2020 – Present

- Worked on mainly customer specifications, inputs, implement the better design of the Transformers & CSS up to 50 MVA, 220 KV Class.
- Carried out Marketing Meeting with customers to achieve orders.
- Responsible for low cost design to compete in the market as per available IS/IEC Standard.
- Made control drawings of Power/Autotransformers, Reactors, special transformers.
- Preparation of Tender Quotation, Validation as per Technical Specification.
- Co-ordination with purchase, production, marketing, quality & all the suppliers regarding technical points.
- Responsible for achieving better design & output.
- Carried out design coordination meetings with the customers.
- Carried out technical discussions/meetings with all of the vendors, internal teams & partial customers.
- Carried out drawing approval meetings with the customers.

Electrical Design Engineer

Transformers & Rectifiers India Limited

Dec 2018 – Mar 2020

- Worked on mainly customer specifications, inputs, implement the better design of the Transformers up to 25 MVA, 66 KV Class.
- Made control drawings of Power/Auto transformers, Reactors, special transformers.
- Preparation of Tender Quotation, Validation as per Technical Specification.
- Co-ordination with purchase, production, marketing, quality & all the suppliers regarding technical points.
- Responsible for achieving better design & output.
- Carried out design coordination meetings with the customers.
- Carried out technical discussions/meetings with all of the vendors, internal teams & partial customers.
- Carried out drawing approval meetings with the customers.

Control Design Engineer

Transformers & Rectifiers India Limited

June 2018 – Dec 2018

- Worked on mainly customer specifications, inputs, for making design of the transformer Panels, Marshalling Box and Cooler Control.
- Made control drawings of Power/Autotransformers, Reactors, special transformers.
- Carried out technical coordination meetings with the customers.
- Co-ordination with purchase, production, marketing, quality & all the suppliers regarding technical points.
- Carried out design coordination meetings with the customers.
- Carried out technical discussions/meetings with all of the vendors, internal teams & partial customers.
- Carried out drawing approval meetings with the customers.

Graduate Engineering Trainee - Design

Transformers & Rectifiers India Limited

June 2018 – Dec 2018

- Worked on mainly customer specifications, inputs, for making design of the transformer Panels, Marshalling Box and Cooler Control.
- Made control drawings of Power/Autotransformers, Reactors, special transformers.
- Co-ordination with purchase, production, marketing, quality & all the suppliers regarding technical points.
- Carried out design coordination meetings with the customers.
- Carried out technical discussions/meetings with all of the vendors, internal teams & partial customers.
- Carried out drawing approval meetings with the customers.

Professional Qualifications and Affiliations

- “Digital Helmet” Paper Published on IJSRD
- “Live Pace Charger” Paper Published on IJSRD

Skills

- Project Management
- Team oriented and results driven
- Research and Development

Technical Skills

❖ Area of Interest

- Transformer Design
- Panel Design
- Power System Generation & Distribution
- Research & Development
- Testing

❖ Software

- AutoCAD
- Fox-Pro (Transformer Design)
- E-Plan
- MS-Office
- PLC Software's

Personal Interests

- Literature Writing
- Reading
- Anchoring
- Tech - Blogging
- Chess
- Swimming

Personal Details

Father's Name: Rameshbhai R Patel
Birthday: November 16, 1995
Gender: Male
Marital Status: Single
Nationality: India

Declaration

I, **Mihir Patel**, hereby declare that the information contained herein is true and correct to the best of my knowledge and belief.



Mihir Patel (Ahmedabad, Gujarat)