


BHATIA GAURAV M.

Commissioning & Electrical Engineer at Suzlon Energy Ltd.

B-Tech-Electrical Engineer/ Nirma University-2015

A result oriented professional with expertise in Testing and commissioning of various Electrical Machines in two different energy sectors to execute the project or technical enhancement for reducing reoccurring errors.

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Profile summary

- > Dedicated Engineer having more than 2.4 years of experience in two different energy sectors, having excellent interpersonal and technical skills and the ability to communicate effectively.
- > Professional commissioning & Electrical engineer at Suzlon Energy Ltd. Which is one of the leading renewable energy solution providers in the world with support network of over 8500 employees across 18 countries and 17 GW of wind energy capacity globally.
- > Previously worked with the leading oil & energy companies like Reliance, GSFC and Schneider on a project expansion with a key role to ensure smooth functioning of electrical HT & LT panels and machineries. And maintain all checklist of technical and soft services.
- > A highly organized and friendly professional, able to establish long-term, positive and fun relationships with clients, co-workers and outside resources.



Education



B-Tech (Electrical Engineering) From
Nirma University, Ahmedabad in 2015



Diploma (Electrical Engineering) from
Government collage Jamnagar in 2012



Academic Achievements

- > Secured award for best project of semester in research and develop to make complete machine design by using 3 to 4 electrical parameters.
- > Organized the robotics competition for Nirma University.

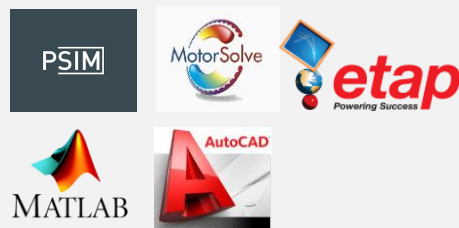
Professional skills



IT software



Electrical software



Personal skills



Thinker



Punctual



Management



Safety



Collaborative



Integrity

Technical Skills

- > MCC, PCC, HT & LT, control panels
- > Switchgear & protection
- > Electrical Design
- > Power transmission & distribution
- > Transformers, Motors & Generators
- > Engineering analysis
- > Operation & Maintenance
- > Testing & Measurement
- > Electrical commissioning



Work Experience

Since April'2017



SUZLON ENERGY LTD., Prototype Commissioning & Electrical Engineer (Technology Group)

Role: *Prototype WTG commissioning & Electrical Engineer- Technology Fleet Service department*

- > Responsible for Commissioning & Operation of prototype build WTG and Tech transfer for different region for better plant load factor (PLF) and periodic maintenance. Also support designing team for betterment of next generation WTGs.
- > Planning, maintaining, and optimizing commissioning spares & calibration tools, Personal protective equipment (PPEs) and maintain all related records.
- > Managing Non- conformity reports (NCRs) of commissioning and Perform WTG audits, closing of punch lists and handing over WTGs to Customer/ **Suzlon** Customer Service Department.

Significance Achievements

- > Commission & operation 2 of the world's tallest 140 Meter and 120 Meter 2.1 MW capacity wind turbine.
- > With continuous operation achieved more than 42% PLF of 120 Meter Wind turbine, which becomes 1st Design of wind turbine to achieve highest PLF in India.

Aug'15 – March'17



SME PVT. LTD. (projects of Reliance, Schneider's electric and GSFC), Testing & Commissioning Engineer

Role: *Electrical panel and machineries testing and measurements- T&C engineering department*

- > Testing & servicing / overhauling of indoor & outdoor Circuit breakers, HT and LT switchgear panels, Transformers, Motors, Bus-ducts, cables, distribution boards, earth pit and earth grid resistance measurement and maintain test reports.
- > Prepare daily management reports based upon analysis of previous activities to prepare action plans can be developed to address line stoppage and fault analysis and hence improve maintenance service to internal customers.

Significance Achievements

- > Tested and commissioned more than 4 large capacity substation for Reliance Industries and 2 substations for GSFC plant.
- > Inspected more than 600 affected panels and equipment's for Schneider's electric with team of more than 30 people under my Lead.