

RESUME

AVINASH SINGH

Govindpur Tanguniya, Sarai Ganesh

Ghosi, Mau (Uttar Pradesh)

Dist.-Mau, PIN CODE-275105

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Career Profile

- Having 04 Years 02 months of experience in Operation & Maintenance and Electrical Project(EPC).
- Good understanding of Electrical Drawing, Erection, Commissioning & Maintenance job.
- Both practical as well as theoretical knowledge of Electrical equipment's.
- Knowledge of Electrical troubleshooting and other control panels.

Technical Skills

- Good understanding of Electrical Drawing like SLD, Schematic diagrams, Cable schedule, illumination drawing, earth ing and lightning arrester drawings etc.
- Responsible for Erection work based on GA drawing.
- Have sound knowledge of VFDs, its operation and troubleshooting.
- Trouble shooting of switch gears, control panels & motor.
- Good understanding of starter like DOL, Star-Delta starter, Auto Transformer Starter, Liquid Resistance starter.
- Good understanding of power factor, its importance, capacitor bank calculation for power factor improvement.
- Scheduling preventive maintenance of LT Panel, HT Panel, EOTs, Motors, APFC Panels, Transformers, DG etc.
- Preparing electrical operations reports like Power factor reports, MRM reports, Electrical Maintenance activities reports etc.
- Well aware with industrial safety like PPE's, permit to work (LOTO, hot work permit, cold work permit, work at height etc.) and its implementation on site while working.

Work History

Project Name: - One City One Operator, Agra

VA TECH WABAG LTD

Working as a Site Electrical Engineer at 78MLD STP PLANT & PUMPING STATION, UPJN, AGRA from July 2020 to till present.

Responsibilities

- Responsible for planning and execution of CAPA and break down analysis of 7 nos of STP's and its associated pumping stations.
- Responsible for taking permit to work (LOTO, hot work permit, cold work permit etc.) and other safety measures while executing the work.
- Implementation and ensuring daily/monthly checklist of electrical equipment's.
- Operation and maintenance of HT Switch gear consisting of VCB, OCB, ACB, PCC /MCC panel, HT/LT Motor, DG set etc.
- Monitoring and controlling inventory of spare parts required for operation and maintenance
- Handling of 700HP and 315HP 6.6KV HT slip ring Motor with Liquid Resistance Starter.
- Preparing of Electrical BOQ and also maintaining the Electrical Safety.
- Responsible for maintaining all equipment's critical & consumable spare as per priorities of the plants listed equipment.
- Responsible for troubleshooting of major breakdown jobs.
- Responsible for Thermography test of breaker, Transformer and Panel.
- Carrying out Earth pit installation, and testing of earth pits at site.
- Taking TBTs with the team and leading them to achieve the targets on time to ensure smooth operation of plants.

Project Name: -45 MLD Tertiary Treated Reverse Osmosis Plant, CMWSSB, Koyambedu, Chennai

VA TECH WABAG LTD

Work as a Site Electrical Engineer (Trainee) at 45 MLD Tertiary Treated Reverse Osmosis Plant, CMWSSB, Koyambedu, Chennai from July, 2019 to Jul, 2020.

Responsibilities

- Responsible for Erection work of PCC panel, PMCC panel, MCC Panel, ASPB Panel, SPDB, etc. based on their respective GA drawings.

- Execution of Cable laying jobs based on cable schedule from panel to various loads, glanding and termination of power cable and control cable in various panel.
- Responsible for Earth pit installation, lighting arrester installation, Earth flat laying etc. and its testing.
- Taking No load trial, Load trial and monitoring vibration and temperature of motors.
- Responsible for testing of transformer, Circuit breaker jobs like MBT test, MCT test, Tan Delta Test, CRM test, Time interval test, winding resistance test etc. along with vendor.
- Responsible for execution of illumination work based on illumination drawings.
- UPS installation and testing of battery bank.
- Responsible for cable tray (ladder type, perforated type) erection work based on drawing.
- Implementing safety work permits like LOTO, Work at height, hot work and cold work permit etc. and ensure safety activity at site.
- Responsible to ensure trouble free routine operation and maintenance of all process related equipment.

Academic Qualification

- Diploma in Electrical Engineering from Lovely Professional University, Jalandhar in 2019 with an aggregate CGPA of 9.71/10.
- Intermediate from Chandra Public School, Mau, UP in 2017 with aggregate percentage of 72.8%.
- High School from St Xavier's High School, Varanasi, UP in 2015 with aggregate CGPA of 9.8/10.

Achievements

- Awarded with University Honor Roll for excellent academics.
- Awarded with Gold medal in Diploma in Electrical Engineering.
- Received Special Appreciation letter for the year 2020-21 and 2021-22 from Director & Chief Growth officer, VA Tech Wabag Ltd.
- Awarded with Safety Milestone Achievement Award for successful achievement of One Million safe man hours at site.

Personal Details

Name: - Avinash Singh

Father's Name: - Mr. Tej Bahadur Singh

Date of Birth: - 07 Sep 1998

Address: - Vill-Govindpur Tanguniya, Post-Sarai Ganesh, Ghosi, Mau, UP 275105.

Languages Known: - Hindi, English

Place: - Agra

Avinash Singh

