



PIYUSH KUMAR SINGH

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PASSPORT READY

ELECTRICAL ENGINEERING SERVICES & PROJECT MANAGEMENT PROFESSIONAL

• BE – Electrical

PROFESSIONAL SUMMARY

11 Yrs +. of Plant Maintenance and Project Supervisory experience in the areas of • Project Management • Erection & Commissioning • Preventive / Planned / Periodic Maintenance • PLC & SCADA Troubleshooting • Quality Circle • Health & Safety in Operations • IMS Auditor / ISO Certification Coordination • Reporting & Documentation

- Technically competent Electrical Engineer offering a gratifying career span of more than 11 years in the Project Management, erection & commissioning of Indoor Substation/Electrical Equipment, Preventive/Predictive Maintenance, IMS (ISO 9001, ISO 18001, ISO 14001 Internal Auditor).
- Currently spearheading efforts with Jaiprakash Associates Ltd (JAYPEE Group) as an Electrical Engineer and exhibit strong Project Management skills including project scheduling, and monitoring coupled with structured inputs for optimal resource utilization, materials management, site management, cost rationalization and continuous improvement.
- Sound understanding of Project Planning, Erection and Commissioning of 33-kV Substation, all electrical system for 18000 MTPA Foundry, all Electrical Panels (HT & LT, MCC, capacitor bank, UPS), Power & Furnace Transformers Finalization of Power/Control cable routings & cabling according to SLD schemes, Earthing Layouts, Lighting Schemes, DG, Batching plant, Chiller plant, RO & DM water plant, compressor, Cooling tower, P&V System Plan & maintain critical inventory level & SAP management
- Team Leader as E&I Maintenance Head implementing Preventive/Periodic/Shutdown Maintenance, Techno-Commercial decision making Troubleshooting with Electrical Drawings / PLC-SCADA etc. to maximize uptime of equipments and installations. Along with handling supply chain & spare management.
- Highly motivated, positive and goal-oriented, with demonstrated professionalism, attention to detail, highly developed analytical faculties as well as the ability to build and lead effective teams.

Major Assignments

- One project of 18000 MTPA Steel Casting plant for Jaypee Group, with products related to different castings used in cement industry for in-house and out house orders.
- Erection & Commissioning of:- Indoor type Substation of 33kV/433V/600V capacity with Distribution Transformer, Furnace Transformer (CG & AREV), HT Panels (AREVA & CG), LT / MCC Panels (SIEMENS), DG Set (Jackson-Cummins), MLDB & sub DB's, MPDB & sub DB's (ADLEC), Capacitor Bank (MILESTONE). Foundry equipment viz.- Melting Furnace, No-Bake Molding, Green Sand Molding, Heat Treatment Furnaces, EOT Cranes, Air Compressor (ELGI) etc.

PROFESSIONAL EXPERIENCE

JAIPRAKASH ASSOCIATES LTD. (JAYPEE GROUP), Rewa, MP www.jalindia.co.in

Permanent

Position – Senior Engineer (Electrical & Instrumentation Maintenance In-charge)

Duration – 9 Years (since August, 2011 – Present)

Associated with several sister organizations as under:

JAYPEE CEMENT CORPORATION LTD.

Current

RESPONSIBILITIES HANDLED:

- Handling all responsibility of "E&I Maintenance Department" with 25+ manpower (5 Engineers, 9 Jr. Engg., 11 Electricians) to look after all responsibilities for maintenance & project work of 18K MTPA Foundry Plant of Jaypee Group.
- Accountable for Melting Furnace of 1T, 3T, 4T, 5T & 20T crucible and furnace VIP panel (INDUCTOTHERM Make), No-Bake Molding Line (IMF, Italy), Green Sand Molding Line & DISAMATIC M/c (DISA, Denmark & India), Heat Treatment Furnaces (SANDVIK ASIA), EOT Cranes (TECHNOCRAFT), Auto Pour M/c (FOMET, ITALY Make), Vibratory Furnace Charger (ELEKTROMAG Make), Variable Frequency Drives (TOSHIBA, SCHNEIDER, LENZE Make).
- Ensuring adherence to safety standards in all functional areas and implemented measures for enhancing safety levels.

- Supervising day to day Preventive and Planned maintenance of all equipment and Troubleshooting with Electrical Drawings, PLC-SCADA.
- Monitoring maintenance activities to ensure compliance with company Quality, Environment, Health & Safety policies, IMS internal auditor / ISO procedures and standards, RED CROSS SOCIETY First Aider.
- Carrying out IMS Internal Audit, safety audit on regular basis to conform and/or determine the employees understanding of safety awareness and maintain/improve IMS/ISO standard in daily job.
- Administering the planning of general maintenance of EOT Crane of 3T, 5T, 10T, 35T capacity (TECHNOCRAFT Make), Cooling Towers (PAHARPUR Make), Air Compressor (ELGI Make), Pump House, Fire Pump House, LPG Gas Station, Variable Frequency Drives (SCHNEIDER Make), Fettleing Shop, Machine Shop.

M.N.Electrical Pvt Ltd(Project)

Previous

Position – project Engineer (Electrical & Instrumentation project In-charge)

Duration – 2 Years (since july, 2009 – july, 2011)

RESPONSIBILITIES HANDLED:

- Overall responsible for complete 5 nos 33/11kv power sub-station switch yard including laying of underground cables, earthing, Testing, commissioning & installation of 2/2.5/3/5 MVA Power transformers & 33/11 kv Breakers (ACB,VCB & OCB), C&R Panel, Relays Metering, Battery Chargers, ACDB, DCDB.
- Responsible for complete electrical engineering, quantity estimation, technical evaluation, and coordination with client & consultant for successful project execution.
- Preparing project related equipment datasheets, project documents and other engineering documents.
- Defining project scope, cost estimates, finalize technical parameters, deploy manpower, machines and materials resources to accomplish project within agreed cost/timelines.

ACADEMIC CREDENTIALS

- B. E. Electrical Engineering, Jaipur Engineering College, University of Rajasthan, Jaipur, 2009
1st Division with 69%
Mode of Education – Regular / Full Time (4 Yrs)

Computer Skills - C, C++, HTML, Windows 98-7, Office98-7.

- **Achievements:** In July'09, I have joined M.N.Electricals.Pvt.Ltd as a Site Engineer; I was assigned to carry out the survey & installation work. As a site engineer I got installed 5 nos. of 33/11kV Power transformers,13 nos 33/11kv VCBs period of 6 months at various power sub-stations of Bokaro Steel city, district and complete the pole to pole survey of approximate 200 Kms 11 / . 440k V network in urban & sub urban areas of Bokaro Steel city, district. After 12 Months of joining, I was promoted to the post of Billing cum Planning Engineer to utilize my commercial and analytical ability. I revised the BOQ two times and got it approved.

PERSONAL BIOGRAPHY

Date of Birth	:	25 th Sep 1988
Languages known	:	English, Hindi, Maithili
Marital Status	:	married.
Hobbies	:	Listening to Music, Gardening, Cooking, Reading and Travelling.
Quality	:	Quick Learner, Hard Working and Love to accept challenges.
Permanent Address	:	S/o Amresh Prasad singh, vill- Shyampur more, PO-Nirsa, Dist- Dhanbad, Jharkhand-828205