

ARKA SEN

Technical Management Professional

ELECTRICAL & INSTRUMENTATION MAINTENANCE, OPERATION, INSTALLATION & COMMISSIONING

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A Performance –driven professional B-Tech (E&I) with 12 year of experience in **Operation Maintenance, Installation & Commissioning, Inventory Management, Technical Purchase, Process improvement, Technical documentation, Compliance, Budgeting, Project Management, Project Coordination, Team Management, Vendor Management, MIS , SAP & Cost Control.**

Key Skills

Electrical & Instrumentation Maintenance & Operation

E&I installation/commissioning

Spare/Inventory/ Supply Chain Management

Client Relationship Management

Vendor Management & Technical Purchase

Project Execution

Project coordination & Liaison

Budgeting, Cost Control, MIS & SAP.

Team Building & Leadership



Profile Summary

- **Offering chronicled success of one decade in Bulk Raw Raw Material handling Plant, Power Plant, CHP, Coal Washery, Integrated Steel Plant, Continuous process Plant & Ship yards.**
- Presently associated with OP Jindal group as **Manager (E&I)** at NTPC Farakka CHP& Jindal Shipyard Kolkata as overall In-charge of E&I Maintenance, Installation, Operation, Spare Management & compliance.
- Hands-on experience in managing Technical Services, Overall Equipment Efficiency Improvement, Breakdown analysis, production Planning, MIS, Logistics/Fleet Management, Inventory Management, Budgeting & SAP.
- Exhibited excellence in effectively managing cost effective maintenance Practice through strategic Spare & manpower management.
- Expertise In the area of HV/LV switch gear, Circuit breakers, Relay panel Transformer, Motors, Drives, RIO panel, PLC, SCADA, Battery Charger UPS, Belt Weigher, MCC,PMCC ,Field instrument , Fire Fighting ,CCTV & PA.
- Having exposure in managing entire project execution with installation and Commissioning activities involving resource planning, in-process inspection, Team building & coordination with Internal/external departments.
- Achievement driven professional with excellent manpower & resource Management skill and flexible to work in various domain as per Employer Requirement.



Career Timeline



Education

B-TECH (Applied Electronics & Instrumentation) from Haldia Institute Of Technology
Under West Bengal University Of technology in 2008.

Work Experience

Since May'13 with Jindal ITF Limited, West Bengal as Manager (Electrical & Instrumentation) Role

- Overall In charge for E&I Installation, maintenance, Controlroom operation & Ship yard Maintenance.
- Planning, execution & track record of preventive, predictive, breakdown & shutdown maintenance.
- Responsible for installation ,Commissioning & maintenance of Transformers ,Motors ,HT/LT breakers , Switch gears ,relay unit, Battery Chargers ,UPS, PIC (RIO) panels, MCC/PMCC/ACFB/DCFB/MLDB , Belt weigher , Field Instruments , automation ,PLC ,SCADA, Drives , remote communication, Illumination system ,conveyor safety devices ,Firefighting ,CCTV & PA System .
- Monitoring site installation activity, tracking DPR, BOQ, technical purchase & verification of Contractor's invoice.
- Complying with contract guidelines and conducting required safety and quality audits.
- Ensure Zero breakdown and maximum availability of all running equipment's.
- Inventory/Spare management to ensure smooth and trouble-free operation.
- Breakdown analysis and remedial action plan to minimize operational downtime.
- Responsible for operational risk management and liaison with government clients like NTPC,IWAI,FBP etc.
- Forecasting MIS, preparation of annual budget, tracking of sanction budget & cost control.
- Tracking & maintaining statutory compliances & standard documentations as per operational requirements.
- Planning and managing the operation & maintenance of the (barges) fleet and shore facilities at Farakka & Jindal Ship Yard Kolkata w.r.t Plant & Ship yard overall E&I Operation & Maintenance.
- Administering shift and leave rotations for engineers, conducting effective staff appraisals and recommending training & development programs.
- Maintaining all company assets to a high standard commensurate with accepted international standards and industry best practice.
- Ensure zero accident at site with optimum utilization of PPE's.
- SAP operation & Control (PM&MM).

Highlights:

- Ensured maximum efficiency and availability of machinery at Jindal ITF NTPC Farakka Terminal & Jindal Ship yard Kolkata.
- **Successful erection, testing & commissioning of 3MMTA imported coal transportation Project at NTPC Farakka. It is the first it's kind of Project in India and has been pioneered by M/S JITF.**
- After completion of project working on same plant for taking care of smooth Operation & Maintenance.
- Made continual improvement in real-time discharge & turnaround of barges.

Previous Experience

Sept'10-May'13 with TATA STEEL BSL Formerly Known as Bhushan Steel Ltd , Odisha (Angul) as Sr. Engineer –(E&I)

Role:

- Coal Handling Plant Electrical & Instrumentation Installation, Commissioning & Maintenance.
- Coal Washery Electrical & Instrumentation Installation, commissioning & Maintenance.
- RMHS Project expansion (Barrel reclaimer, twin boom stacker, conveyor , vibrio feeder ,Magnetic separator etc)& project monitoring.
- HT /LT switch Gear Installation, Commissioning & Preventive Maintenance.
- Electrical and Instrumentation field equipment installation ,commissioning ,preventive maintenance, Calibration & troubleshooting

- ISO documentation and record keeping.
- MIS entry and spare/inventory management.
- Ensuring Zero breakdown & optimum availability of equipment's.
- HT/LT motor & Transformer installation & Maintenance.
- Contractors & vendors Invoice verification.
- SAP entry (PM & MM).
- Coordination with procurement team & vendors for spare/inventory management.

Highlights:

- Ensured zero breakdown & maximum availability of machineries through systematic maintenance Practice.
- Successful erection, testing & commissioning of Barrel Reclaimer, Twin boom stacker & conveyor system expansion Projects.
- Successful commissioning of 425TPH Coal Washery Project.

Sept'09-Aug'10 with Ind Synergy Ltd Formerly Known As IND AGRO Ltd ,Raigarh, as Engineer (E&I)

Role:

- Power Plant electrical & Instrumentation, installation & maintenance.
- Shutdown & schedule preventive maintenance of all electrical & instrumentation system.
- HT/LT switch gear installation & preventive maintenance.
- All field instruments installation, calibration & schedule maintenance.
- PLC/SCADA/DCS system installation, performance monitoring & schedule maintenance.
- All safety equipment's functional testing.
- Different type of motors, Transformers, Drives (AC/DC) installation, maintenance & performance Monitoring.
- Blast furnace & Sinter plant projects electrical & instrumentation system installation.
- HT/LT Motor installation, commissioning & maintenance.
- Transformer & Switchyard installation, testing, commissioning & schedule maintenance.
- Ensure zero breakdown, accident & optimum utilization of man & machine.

Highlights:

- Maximum availability of all E&I equipment's.
- Power Plant & CHP E&I system modification within Shutdown period.
- Successful cable laying, E&I equipment installation for Blast Furnace & Sinter plant projects.

June'08-Aug'09 with Purti Group, Dankuni, West Bengal as Engineer (E&I)

Role:

- HT/LT switch gear Installation & maintenance.
- Ensure zero breakdown & No accident at site with effective utilization of PPE's.
- Motor, switch gear, PMCC, MCC, RIO ,AC/DC drives, PLC/SCADA& field instruments Installation, maintenance & troubleshooting.
- All electrical equipment's & Field instruments performance monitoring & Improvement.
- MIS & ISO documentation.
- Calibration of field instruments.
- HT & LT motor Installation, Commissioning & maintenance.



Personal Details

- Date of Birth : 20th Nov, 1985
- Communication Address: 31/1, Khudiram Sarani, PO-Birati, Kolkata-700051
- Hobbies : Swimming, Cooking, listening Music, Surfing Internet.
- Languages Known : English, Hindi and Bengali.
- Hobbies : Swimming, Cooking, listening Music, Surfing Internet.
- Marital Status : Married

Declaration: I hereby declare that the above mentioned information is true to the best of my knowledge.

Place: Kolkata, West Bengal

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