

DURGESH NANDAN MISHRA

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Project | Maintenance | Troubleshooting

Preferred Location: Anywhere

CORE COMPETENCIES

Maintenance, Project Management & Engineering deliverables Expediting for Instrumentation system.

Strong leadership, Interpersonal, Co-ordination, Interface & Organizational Skills

Instrument Installation, Operation & Maintenance.

Familiar with PLC and DCS.

Familiar with Industry

Engineering standards & related work process.

Plant Safety & Security

Progress Reporting & Documentation

Team Building & Leadership
Engineering Documents review & Expedite with PMC.

TECHNICAL EDUCATIONAL CREDENTIALS

B.Tech. in Electronics and Instrumentation

Engineering from Biju Patnaik University of Technology , Rourkela, Odisha on 2006

M.Tech. in Instrumentation and Control Engineering

from Kalinga University ,Raipur, Chhattisgarh on 2020

GENERAL EDUCATIONAL CREDENTIALS

Intermediate in Science

from Council of Higher Secondary Education Odisha on 2001.

Secondary (10th) from Board of Secondary Education, Odisha on 1999.

PROFILE SUMMARY

- Key competencies in devising Operation & Maintenance Solutions to ensure operational fitness of machines/ equipment at all times for maximum productivity. Thrive in a deadline intensive environment, multi-task, perform under pressure and meet deadlines.
- Arrange Meeting with AMC vendor, finalization of document schedule, timely receipt and approval of vendor documents.
- Conduct monthly review meetings with various functional disciplines and Departmental Manager to identify focus areas and critical path, prepare mitigation plan for smooth execution of plant.
- Responsible for stewarding O&M contractor's performance, engaging discipline engineers and expert resources from the global experts, as required expediting and completing the assigned scope consistent with the Maintenance objectives.
- Conduct training for Department for execution and completion of job before schedule time following SOP and safety.
- Experience in managing project execution including Engineering, Procurement, Material dispatch, Construction/installation/Commissioning.
- Multi-disciplinary interface between Engineering, Vendor, Sub Vendors and site team to timely issue engineering deliverables and generate work front for site on timely basis.
- Timely visit to vendor works to take manufacturing progress updates, participate in Factory Acceptance Test (FAT), and Performance Test of equipment at vendor works, and ensure timely delivery targets are met.

CURRENT ORGANISATION	CORE COMPETENCIES	DURATION
Bhubaneswar Power Pvt. Limited, Cuttack, Odisha (A TATA Steel subsidiary company) Deputy Manager – Control and Instrumentation: 2 * 67.5 MW Power Plant.	Erection, Commissioning & Maintenance of Boiler (2 x 275 TPH), Turbine (2 x 67.5MW) and BOP (Ash Handling Plant, Coal Handling Plant and Demineralization Plant) Instrument system. Deals with all types of Vendor Management, Quality control, Instrument spare and Procurement, Departmental Budgetary Control, Training and Skill development programs.	Feb 2015 to Till Date
PREVIOUS ORGANISATION	CORE COMPETENCIES	DURATION

THERMAX LIMITED Assistant Manager- Field Engineering (Oil and Gas SBU) Instrumentation.	Project Execution, Installation & Maintenance and Operation till handing over to End client/user. Gas fired Boiler, Waste Heat recovery boiler, AFBC and CFBC Boiler, Process Heater (Balance & Force draft type) Commissioning & maintenance. Assist to Engineering and Project team for preparation of as built documents, Engineering drawing, Logic development and modification. Involve with Client for FAT and SAT.	Feb 2012 to Jan 2015
Bilt Graphic paper product ltd. (Avantha Group), Ballarpur, Maharashtra Executive - Instrumentation Project and maintenance of Pulp, Paper and Power.	Instruments Installation, Modification, Commissioning, Maintenance and Operation. PLC (Rockwell RS Logix 5000) and DCS (ABB 800XA) Commissioning and maintenance. Instruments PM, Trouble shooting, breakdown and shutdown maintenance. Spare planning, ISO and 5'S documents preparation and internal audit.	Jan 2011 to Jan 2012
Korea Plant Service & Engineering Co.Ltd, Jharsuguda, Odisha Engineer- Instrumentation	Maintenance of Boiler & Turbine instruments system in 135MW*9 Captive Power Plant.	Mar 2010 to Jan 2011
Ballarpur Industries Ltd. (Avantha Group) Jeypore, Odisha. Executive-Instrumentation	Instruments erection, Modification Commissioning, Maintenance and Operation. PLC (Rockwell RS Logix 5000) and DCS (ABB 800XA) Commissioning and maintenance. Instruments PM, Manpower distribution, Spare planning, 5'S record preparation.	Aug 2008 to Mar2010
Emami Paper Ltd. (Emami Group) Balasore, Odisha. Assistant Engineer-Instrumentation	Instruments Installation, Commissioning, Maintenance, Operation. PLC (SIEMENS S7 400) and DCS (ABB 800 XA) Commissioning and maintenance. Instruments PM, Spare planning.	Apr2007 to Aug 2008

INSTRUMENTATION EXPERTISE

Instrument Maintenance and Operations

- Planning and effecting predictive & preventive maintenance schedules and calibration schedule for various equipment to increase machine up time & equipment reliability.
- Implementing maintenance schedules and carrying out periodic checks to ensure performance of various equipment and maintaining requisite documents for the same.
- Rectifying the singled out areas of obstruction / breakdowns for the equipment through application of trouble shooting tools.
- Maintenance of Spares and Spares Planning.
- Vendor Development for various Instruments.
- Monthly manpower data report according to MIS Preparation and maintaining monthly budget for the department.

Installation & Calibration

- Implementing on-site installation & calibration activities, ensuring completion of project within the time with cost parameters and effective resource utilization to maximize the output and to ensure operational effectiveness of plant & utilities.
- Reviewing engineering drawings, layouts, diagrams, technical specifications, reviewing & analyzing contractor's change order proposals & submittals.

Process Enhancement

- Identifying scope for Planning, implementing & monitoring of technological changes to enhance Productivity.

Modifications in equipment, process flow, working practices, consumables, power etc. for controlling & reducing conversion cost per unit produced.

Maintenance of Instrumentation system in

- Boiler
- Turbine
- Ash Handling Plant
- Coal Handling Plant
- Pre Treatment and De-Mineralization Plant
- SIEMENS DCS (SPPA – T3000) - Review of logics. Implementation and Modification of Logic in DCS
- Implementation and Logic Modifications in PLC (Allen Bradley), Software: RSLogix 5000 and Scada: Factory Talk View SE station.
- UPS System
- Ambient air quality Monitoring System

PROJECT EXPERTISE

- Review of Process & Instrumentation Diagrams
- Preparation of List of activities, Documents & Drawings
- Preparation of schematics and layouts, instrument hook-up drawings.
- Preparation of Input/output List – DCS
- Preparation of Input/output List – PLC
- Preparation of Alarm schedule.
- Preparation of Datasheets for Pneumatic Control valves
- Preparation of as built drawings.
- Preparation of Instrument Panel wiring Diagram.
- Preparation of cable schedule, cable routing, junction box location.
- Reviewing various drawings/diagrams, specifications, data sheets, plans, systems etc.
- Inspection and acceptance testing for procured materials.
- Calibration of all types of field instruments, analyzers, indicating instrument etc.
- Testing, loop checking and commissioning field instruments, DCS, PLC.
- Site survey and data collection.
- Review of contract document, drawings, Minutes of Meetings etc.
- Preparation of Manpower mobilization histograms, tools & equipment mobilization plans.
- Preparation of project schedule and organization charts.
- Reviewing contract documents related to scope and obtaining clarity in contract scope from projects and client.
- Reviewing of all contract related technical documents and co-ordinate with client in resolving technical and contractual issues.
- Preparation of daily/weekly progress reports and all types of charts.
- Preparation of quality documents, check lists, punches lists, inspection & test plan.

PROJECT AND COMMISSIONING ACHIEVEMENT

- Project Execution and Commissioned 2 X 275TPH CFBC Boiler and 2 X 67.5MW TG in Bhubaneshwar Power Pvt. Ltd., Cuttack.
- Commissioned 2 X 125TPH HRSG Boiler and 2 X 115 TPH RADIANT Boiler in Reliance Industries Ltd., Dahej, Gujarat .
- Commissioned 45TPH in AFBC Boiler in SRF Ltd., Dehej, Gujarat.
- Commissioned 3 X 100TPH BFG fired WHRB in SAIL, Rourkela, Odisha.
- Commissioned 3X 165TPH Natural gas fired FM boiler in Chevron Nigeria Ltd. in Escravos, Nigeria .
- Commissioned 1X 54.5 TPH WHR Boiler in Bhushan Steel Ltd. in Anugul, Odisha .

TRAINING UNDERTAKEN

- First Aid conducted by Dy. Director of Factories and Boiler, Cuttack, Odisha.
- Industrial Safety conducted by TATA Steel Ltd., Jamshedpur.
- ABB –DCS AC800M by ABB in Bangalore.
- PTW training, HSE, Confined Space & Height Work training attended at BPPL, Odisha.
- Siemens DCS / SPPA – T3000 by SIEMENS in Gurgaon.

PERSONAL DETAILS

Date of Birth : 15TH June 84

Permanent Address : C/o-Manoranjan Mishra
AT:Akatpur, PO: Sunhat,PS: Town, District: Balasore,
Odisha-756002

Present Address : Plot No. 10-2-566, E/78, CDA-Sector10, Cuttack, Odisha-753014

Languages Known : English, Hindi & Oriya

Religion : Hindu

Fathers name : Manoranjan Mishra

Nationality : Indian

Marital status : Married

Passport No. : J8483330

Place: Cuttack, Odisha

**Yours sincerely
Durgesh Nandan Mishra**