
NILESH BHASKARRAO THOMBARE
Total Experience: 17+ Years (Electrical , Instrumentation & Automation)
Designation: Associate Manager
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PROFILE/ JOB DESCRIPTION

- An accomplished professional with over 17+ years' experience in the field of Instrumentation, automation & Electrical system project management, basic Engineering, detailed engineering, planning & scheduling, technical support troubleshooting & on site commissioning.
- Rich experience of project management, Erection, testing, Commissioning of various projects in Oil & Gas (TFMS)liquid terminal, coal Handling plant for 700x2 MW Thermal power plant & its utility, water treatment plant, 100+MW solar power plant, chemical plants, batching processes.
- Expert in installation testing commissioning of Electrical systems / substations up to 132/33 KV, 110/11 KV switchyard, 33KV HT panels LT switchboards, power transformers, station transformers, VFD.
- Technical skills in installation testing commissioning of various field instruments transmitters, designing automation project on Allen Bradley platform PLC/DCSSYSTEM(control logix, flex logix, compact logix, SLC series, micrologix) Rockwell software(RS Logix 5000, Rs Logix 500, Rs view 32, RS FT view studio, RS view ME, panel view/HMI, panel view plus) PLC panels Installation testing commissioning of PLC panels, RIO Panels, Control Room Setup, Field instruments Earthing, CCTV, PA Systems, Fire alarm systems.
- Responsible for scheduling and coordinating on-site activities to ensure smooth workflow and timely execution of projects.
- Deft in implementing quality and process improvement tools to facilitate smooth functioning of overall operations and thereby improve service and reduce costs
- Well versed with communication protocols, including Foundation Field bus, Profibus, Modbus Ethernet and Profinet RS232, RS485, Device net, Control net, etc
- Managing SAP related activities along with the preparation of MIS Contributing in inter-discipline interface and co-ordination with other discipline regarding project installation issue. Ensuring appropriate documents flow from consultants to contractor and maintain the DCI through Document Controller and reviewing Project Documents, including Instruments datasheet, IO database and handling bought out items as per project cycle.

SKILLS

- Strategy Planning, Risk Assessment Operation, Maintenance Process Improvements, People Management site administration, project management, Liaison & coordination, Installation Erection & commissioning management, Design engineering review
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Currently working in Adani green energy ltd as O&M site head from [1.12.2018 to till continuing]

Project: 20 MW solar power project Kilaj Tuljapur (Responsibility-O & M site Head) from [1.07.2021 to till continuing]

Project: 20 MW solar power project Jewargi Kalaburgi (Responsibility-O & M site Head) from [1.12.2018 to 30.06.2021]

- Responsible for O & M activity at 20 MW solar power plant.
- Preparation of DGR, maintain Plant availability and PR , CUF as per the target
- To ensure the O&M/MW cost are within budget by better spares management and providing cost effective solutions to sites.
- review the O&M and Admin cost heads for further optimization.& annual budget preparation.
- To ensure spares pooling / inventory management at site
- To achieve turnaround time for breakdowns (Inverters, Transformers, Electrical Panels etc.)
- Ensure to complete maintenance of plant as per PM schedule
- Timely completion of Periodic activities & Liasioning with External agency JMR & Invoice submission to Govt. official.
- Project expansion i.e. repowering work.
- Manage all aspects of plant O & M with technical support. Ensure smooth operations and profitability of plant
- Manage equipment warranty claims vendors along with RCA/ investigation of major and minor breakdowns
- To extend technical support & skill development of the solar plant based on best practices being followed in the solar PV industry with an emphasis on planning / scheduling preventive maintenance.

MAJOR PROJECT EXECUTED

- 1) **Adani green energy ltd 100MW solar power project Bathinda Punjab (Responsibility-Project leader) from [1.6.2016 to 31.12.2016]**
- 2) **Adani green energy ltd 50MW solar power project Kurnool (AP) from [1.01.2017 to 30.11.2018]**
- 3) **Adani green energy ltd 100MW solar power Nalgonda (AP) (Responsibility-Project leader supporting role) from [1.06.2018 to 30.11.2018]**

- Managing Installation testing commissioning of 100+MW solar power plant as per approved drawings, which includes 132/33 KV switchyard, 132/33 KV power transformers, 110/11 KV power transformers, IDT, LA, protection CT, PT, SF6 breaker, Isolator metering CT, PT, CVT, LA, PV
 - 33KV HT switchboard, LT switchboards, C & R panels, DCDB, DC charger, UPS, Batteries, ACDB, MLDB, LDB,
 - Installation of 1250 KW Inverters, 43 KW string inverters, 33KV LBS, SCB, PV module.
 - Implementation of SCADA system. All type of cabling (HT, LT, Control, Signal)
 - contractor work completion billing.
 - punch points completion, project handing over activity to O&M department.
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4) Adani Hazira Port Pvt Ltd surat [1.9.2014 to 30.5.2016]

Project: Liquid Terminal (TFMS) Tank farm management system (Responsibility-Team leader)

- Managing Electrical Instrumentation & Automation activities, installation of field Instrumentation & Commissioning
- Project of 84 Tanks, 60 loading gantries at Adani Hazira Liquid terminal. For Enclosure 5 to 10 Phase 2 system
- Installation testing commissioning of various field instruments for TFMS like Radar level transmitter, PT, DPT, TT,
- LT, mass flow meter, PRV, TRV, Breathe valve, Flame arrester, pressure gauge, Temperature Gauges, Batch controller, RIT, ESD, card reader, earthing switch.
- Installation testing commissioning of PLC panels, RIO Panels, Control Room Setup, Field instruments Earthing,
- CCTV, PA Systems, Fire alarm systems, Gas detector systems
- TFMS system operation Auto Loading System, Import and Export operation, Inter tank transfer operation, Cause and Effect Matrix
- hazardous area classification, F&G system, ESD system
- 6.6/0.433 kV, 2500 kVA, ONAN, Dyn11, out-door transformer , 6.6Kv HT panels, PCC, MCC, LDB, UPS, Battery charger, 30 KVA UPS, HVAC All type of cabling (HT, LT, Control, Signal),

5) Adani Hazira Coal Terminal Pvt Ltd Hazira Surat [18.8. 2011 TO 30.4.2013]

6) Adani Vizag Coal Terminal Pvt Ltd Visakhapatnam [1.5.2012 TO 30 .8.2014]

Project: Coal Handling System (Responsibility-Team leader)

- Managing Installation testing commissioning of ELECTRICAL SUBSTATION 33 KV incomer switchboard, 33/6.9KV power transformer, 6.6/0.690 KV transformer, 6.6/0.433 KV transformer, 415V lighting transformers, 6.6 KV VCB switchboard, LV switchboard, HT isolators, LV Bus-duct, VFD's (450,800,500KW), 690V switchboard, 415V switchboards, HT/LT Motors, DG sets, DCDB, 10KVA UPS, Batteries, ACDB, MLDB, LDB, HT & LV APFC panels, Area Lighting, All type of cabling (HT, LT, Control, Signal)
- Commissioning of Diverters gate, Suspended Magnet and Metal Detector.
- Installation and Commissioning of Dry Fog Dust Suppression , Fire Fighting System,
- Installation of Various Instruments In Coal Handling systems like belt sway, pull cord switches, metal detector, zero speed detector.
- Installation testing commissioning of PLC panels, RIO Panels, Control Room Setup, Field instruments Earthing,
- CCTV, PA Systems, Fire alarm systems

7) Shree Nakoda Ispat Ltd. Raipur, [01.11.2009 to 12.8.2011]

Project: 26 MW Captive power plant (Responsibility-Operation E&I lead)

- Shree Nakoda Ispat Ltd. Raipur having 18 MW Captive power plant With capacity of 70 TPH CBC Boiler and 26 TPH WHR Boiler having 1x12 MW TG Set With Air cooled condenser, 1X6 MW TG set with water cooled condenser.
 - Company have ABB make AC800- DCS for 6 MW Boiler (Thermax Make) and Turbine (Triveni make), and 12MW Boiler and Turbine. 8 MW unit is in under construction.
 - responsible for Commissioning activities of new plant and existing power plant operation & maintenance job.
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8) Jimah Power Plant 700x2 MW, MALASYIA [1.10.2007 TO 30.12.2008]

Project: 700x2 MW Coal Handling System (Responsibility-Team lead)

- The system was designed for coal handling system(CHP). PLC Programming & SCADA Development on Rockwell platform & on site commissioning at Malaysia. Control logix PLC was used for programming. installation of PLC panels.
- RS, VIEW 32 SCADA software used for operation.
- Flexible system was developed in such a way operator can select any conveyor line for stacking & reclaiming operation with all safety interlock i.e. belt sway, pull cord switch, metal detector, zero speed detector etc.

9) Syngenta India Ltd, GOA [1.3.2007 to 30.9.2007]

Project: Data Acquisition and Control System (Responsibility-Project leader)

- The project was designed for Monitoring and control of Utility sources which consist of Service block, Boiler House, Brine Plant & Substation. There were three no's of Flex Logix controller, Seven no's of Micro-logix with the three no's of RS VIEW 32 SCADA stations.
- All the PLC and SCADA stations are connected on Ethernet Network. Each Block is interfaced with FO cable to each other. All different utility blocks data is set to access from any of the SCADA station.
- Energy Monitoring System 95 no's of Energy meter are interfaced to AB system on MODBUS protocol.

10) Indofil Chemical Company Ltd. DAHEJ [01.01.2006 to 25.2.2007]

Project: Chemical Process plant Automation (Responsibility-Project leader)

- This is basically chemical batch process for production of "Mancozeb" fertilizers. This include two sections i.e. wet section (Tank farm, D14 reactor, M22, Reconstitution, WDG) & Dry section (spray dryer1, spray dryer2, RVD) PLC Programming & SCADA Development for batch process, field Instrumentation & on site Commissioning The project was designed on Rockwell platform with Control Logix PLC redundant system with four operating stations. Control net, Device net, Ethernet networks were used for communicating I/O's & all devices in the field i.e. over load relays , AB PF40, PF400 Drives, SIEMENS Drives Nova Weigh weight indicators,
- Managing Installation testing commissioning of various field instruments E&H Transmitters(pressure, Temperature, Level, Flow, Mass flow meters) Installation testing commissioning, loop checking of PLC panels, RIO Panels, Control Room Setup, Field instruments Earthing

11) NALCO, TISCO, SFCCL SAUDI AREBIA [01.07.2006 to 30.12.2006]

Project: Water Treatment plant automation (Responsibility- Project leader supporting role)

- PLC Programming & SCADA Development for Water Treatment plant. The project was designed for DM water treatment plant automation.
 - System was developed as per control philosophy given by THERMAX LTD. Rockwell Software FT View Studio SCADA software were used for operating system Control logix with redundant PLC was used for programming.
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12) Hindustan Unilever Ltd. Khamgaon (MS)[01.01.2006 to 30.6.2006]
Hindustan Unilever Ltd. Sumerpur (UP)[01.07.2005 to 31.12.2005]

Project: Batching system for Bath soap manufacturing (Responsibility-Project leader)

- The project was designed for four no's. of sigma mixers The system is a Bathing Soap batching application
- RSView32 SCADA is used for Operator interface and Batch recipe handling. Allen Bradley SLC 05/05 PLC used for programming Installation testing commissioning of PLC panels, RIO Panels. Electrical panels.

EDUCATIONAL QUALIFICATION

- **B.E. INSTRUMENTATION** with 68% (2004 from (PVPIT) Padmabhushan Vasantdada Patil Inst. Of Tech., Sangli, Maharashtra.
- Diploma in computer system from APTECH computer education
- PLC/DCS, SCADA Programming courses (on Rockwell platform) done from PROLIFIC system and Aundh ITI.

EMPLOYMENT HISTORY

Organization	From	To
Adani Green Energy Ltd [Adani Group] , Ahmadabad	1.06.2016	Till continuing
PMC Projects (I) Pvt Ltd [Adani Group] , Surat	18.8.2011	31.05.2016
Shree Nakoda Ispat Ltd., Raipur	01.11.2009	12.8.2011
Logicon Techno-solution Pvt Ltd, Pune	01.04.2005	31.10.2009
Midas Autosoft Pune	2.04.2004	31.03,2005

PERSONAL PROFILE

Name	Nilesh Thombare
Father's Name	Shri Bhaskarrao Thombare
Date of Birth	13 /Sep/1980
Sex	Male
Marital Status	Married
Languages Known	English, Hindi & Marathi
Permanent Address	Vinoba Bhawe Nagar Near Sai Temple At. Po Tumsar Dist:- Bhandara (Maharashtra) Pin- 441912

DECLARATION

I hereby declare that the information given above is true to the best of my knowledge and belief. Any error will be solely my responsibility.

NILESH THOMBARE
