

Rajesh Kumar. M

1st Street Tihamah, Doha District, AL Khobar, Saudi Arabia.

Email: mrjesh.kumar06@gmail.com,

Mobile: +966 592039705, +966 541214416



Synopsis:

- In a career span of 13 years, experienced in Estimation, Design, Detail engineering, Project management, Execution, commissioning, & Maintenance in Oil & Gas / Petrochemical / Power Projects
- Experienced in preparation and checking of datasheet and specification for various Field instruments, Control Valves, Shutdown valves and systems like CRMS, LDS, F&G, DCS, RTU/PLC & Telecom systems.
- Preparation and review of Material requisition for various field instruments and package items, preparation of technical queries, vendor document evaluation and approval
- Team manager with optimum utilization of resource and organized reporting to top management
- Active liaising with clients, vendors, contractors and relevant authorities with global work experience in United Kingdom, Middle East and India

Instrumentation & Automation Engineer – Engineering Dept (Oct 2018-Till date) | SAIPEM SAUDIARABIA

- Preparation of Engineering design deliverables for Instrumentation, Telecom and control system
- Preparation of Material Request (Supply Specification) for various field instruments, control valve, package system (corrosion monitoring, gas detection & leak detection system) and telecom system (CCTV, PAGA and Data & Transmission network).
- Review of PID, FSD, instrument & piping details, installation detail, Instrument point & line and cable routing diagram.
- Review and Preparation of instrument specification sheet (ISS), Rack details, Panel details, Cable & conduit schedule.
- Review and Preparation of system architecture diagram, Block diagram, IO list, Interconnection diagram, Loop diagram, logic diagram & systems structural cabling
- Preparation of technical Query, Technical Bid evaluation (TBE)
- Review & approval of Vendor document/ Drawings, Nonmaterial requirements (NMR) for various field instruments, package system (CRMS, LDS & F&G), PLC/RTU & Telecom system.
- Interfacing and coordinating with other engineering discipline's in reference to instrumentation and control project activities.
- Checking of Multi Cable Transit (MCT)/Trunk cable layout for various field instruments to PIB and Control room
- Material Take Off list (MTO/BOQ) and instrument index for Instrumentation & Telecom system.
- Engineering progress measurement and reporting.
- Participate technical assessment, coordination meetings and engineering review meetings with various vendors and contractors.

Major Projects:

- South Gas Compression plant (SGCP) Haradh Pipe line project

Senior Project Engineer (July 2012-Oct 2018) | Experts E &I, Abu Dhabi UAE

- Provide technical direction to design, engineering, and project teams throughout project stages.
- Review and preparation of material request for various field instruments and package system.
- Preparation and review of instrumentation and control design deliverables
- Review of PID, PFD, instrument location layout and hook-up drawings
- Review and preparation of logic diagram, control Diagram and safety interlocks
- Sizing, segregation and grouping of Junction box and input/ output signals
- Review and approval of vendor technical offer/ drawings/documents
- Preparation of Engineering Method statements & ITP (Inspection & Test Plan) for various electrical/Instrumentation construction activities/shutdown activities and Preparation of work schedule
- Involved in Factory Acceptance Test (FAT) for panel & skid package.
- Managing project budgets and keeping costs down & responsible for the completion of all documentation
- Responsible for overseeing the review, initiation and execution of contracts.
- Perform overall quality control of the work (budget, schedule, plans, and personnel's performance) and report regularly on project status.

Major Projects:

- Worked all the ADNOC group of companies, ENOC group of companies, emirates Steel, Fujairah Port Terminal and skid package vendors.
 1. Wellhead Compression Pilot Project, Mender field development project & Turbine Control Upgrade Project for ADCO projects
 2. INTO Plane Area Substation project, Beeyat Conveyor revamp project, Hydraulic Tube and hose refurbishment Project and Wireless Vibration Monitoring System for Sea Water Pumps Project for TAKREER
 3. Provision of DBB valves for NSP/SSP transfer pump Project, Water Injection skid in berth and Wireless Vibration Monitoring System for Sphere project for ZADCO
 4. Acid Metering Skid Package & – PMP OL 784, PMP OL 594 & PMP 806 project for BOUROUGE
 5. ASPHALT Pump Control System, Terminal Scully earthing system, Electrical Maintenance work for Jebal Ali and Fujairah terminals for ENOC
 6. Electrical & instrumentation revamp works for DRP -1 & DRP-2 for emirates steel industries
 7. Gas Dehydration skid, corrosion inhibitor skid, Deluge Valve Skid, Loading-Unloading skid, Filtration skid, Meeting skid, Chemical injection skid & Chlorination Skid , Permanent Offshore Desanding Package, NAWARA GAS TREATMENT PLANT Skid Package, package for various skid vendors.

Senior Engineer - Systems (2011 to July 2012) | RAM E&I SYSTEMS PVT. LTD, UK / INDIA

- Expertise in PLC programming / SCADA Development and Hook up/installation drawings
- Review of Cable Schedule/ JB wiring, ICS, Control system panel wiring and System loop wiring
- Developing Logics, Safety interlocks and auto control loop drawings

Major Projects: BUBBLING FLUIDISED BED COMBUSTION BOILER

- 1) Deputed as System Engineer in UK for client Dalkia Utilities Services PLC, UK (PLC Software: Step7 Sematic Manager, WINCC v 5.4

Senior Executive (2010 to July 2011) | Godrej & Boyce's Mfg Limited.

- Trained on PLC / SCADA Programming, development, panel testing and commissioning.
- Experienced in loop checking, hot and cold testing
- All field instrument installation and impulse piping as per P&ID and instrument location layout.

Major Projects: BHABHA ATOMIC RESEARCH CENTER

- 1) Intermediate Tank Facility at (Software: Schneider: UNITYPRO 4.1, VIJEO CITECT 7.1, Vijeo Historian V4.2)
- 2) Power Reactor Thoria Reprocessing Facility (Software: Schneider: UNITYPRO 4.1, VIJEO CITECT 7.1)

Senior Commissioning Engineer (2006 to 2010) | ANI INSTRUMENTS (Contract with LarsenToubro Ltd)

- Erection commissioning and Testing of PLC, SCADA and ABT Energy meters
- Monitoring commissioning activities and preparing progress report for client review
- Construction planning, Labour management, Coordinating sub-contractors

Major Projects:

- 1) Waste water treatment in **Thermal power plant-DAMODAR VALLEY CORPORATION**, MEJIA – WEST BENGAL (Software: Allen Bradley (Rockwell)-RS Logic)
- 2) Coal Handling Plant (Stacker/Reclaimer, Paddle Feeder) - **Bakreshwar Thermal Power Plant** in west Bengal (Software: Schneider- UNITYPRO 2.3, PL7 MICRO V4.5, GE Fanuc: fix32, ifix 5)
- 3) Substation handling system- **Reliance Industries Ltd in Jamnagar**

Educational Qualification:

Bachelor of Engineering in **Electronics and Instrumentation** with **72%** in 2006 from National Engineering College, ANNA University, Tamilnadu, India.

Personal Details:

Father's Name	Muralidharan. S
Permanent Address	85/5/1, S.M. Puram, Third Street, Tuticorin-628003. TN, INDIA.
Phone No @ Permanent No	+91-461-2331767
Date of Birth	5th July 1984
Marital Status	Married
Languages	English, Hindi, Tamil
Passport no	N2948217 / Valid Up to-17.04.2026