

RESUME



Bijumon V.G

FIELD SERVICE ENGINEER

at GE Oil & Gas / BakerHughes

PERSONAL INFORMATION

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Nationality : Indian

DOB : 15th March 1976

Age : 44 Years

Passport No. Z3373097

Driving License (UAE) 2275435

Profession: Instrumentation Engineer

SKILLS

- Construction
- Commissioning
- Maintenance
- Troubleshooting

Languages Known:

- English
- Malayalam
- Tamil
- Hindi

PROFESSIONAL EXPERIENCE

Instrumentation Engineer with 18 years of experience in supervision & execution of Instrument Maintenance, Construction, commissioning works.

Well experienced in Maintenance, Repair, Test, Calibration and Hook up of complete instrumentation work. Carried out activities related to instrumentation like engineering, construction and shutdown activities in Oil & Gas plants, Petrochemical plants, Fertilizers, Cement plants etc.,. Possess adequate knowledge in preparing schedules, work delegation and supervision of maintenance and construction activities. Good knowledge in GE-Panametrics ultrasonic flowmeters & moisture analysers & Well experienced in shutdown works and trouble shooting.

CAREER SUMMARY

2015-2020	GE – Oil & Gas (BakerHughes) Field Service Engineer (NEST)
2011- 2014	Special Technical Services, Oman Instrument Engineer - Maintenance
2009 - 2011	Malabar Cements, India Assistant Engineer – Instrumentation
2008 - 2009	Al Meer Technical Services Company, Kuwait Instrument Engineer / Construction Coordinator
2004 - 2008	Malabar Cements, India Assistant Engineer – Instrumentation
2002 - 2004	Sunsui Power Engineers, India Site In charge
2001 - 2002	Fertilizers and Chemicals, India Graduate Engineer Trainee
2000 - 2001	Flotomatic Engineers Pvt. Ltd., India Site In charge

EDUCATION

- B. Tech. in Instrumentation and Control Engineering – Calicut University.

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Professional Experience:

2015 - 2020 (GE oil & gas / BakerHughes) Field Service Engineer (NEST Abu Dhabi)

- Worked as **Field Service Engineer at GE oil & gas on ultrasonic flowmeter & moisture analysers**

Responsibilities included.

- Co-ordinate with the customer & plan the job with respective documents & all the respective tools, instruments to carry out the job smoothly.
- Pre-commissioning & Commissioning of flow meters.
- Troubleshooting of flowmeters
- Handled the liquid & gas flowmeters which include PT878, XMT, DF868, PT878GC, XGM868i, XGF868i, XGS868, GF868, LCT meters.
- Preparation of reports as per the site visit

2011 – 2014 Special Technical Services, Oman Instrument Engineer

EPC: Projects involved

- Worked as **Lead Instrument Engineer for ABUTUBUL BLOCK 60 GPP** project under the contract of ENERFLEX MIDDLE EAST for OOCEP

Responsibilities Included

- Co-ordinate with all discipline to carry out the work smoothly
- Keeping a good interpersonal relationship with the client regarding the job to be carried out
- Procurement of Consumables.
- Arrangement of manpower.
- Updation of Instrument activities as per the planning.
- Preparation of all relevant documents

- Undertaken the **MULTIFLASH SKID** Project. Client. PDO. Engineering. WGCC

Responsibilities included

- Preparation & Submission of the hook-up diagrams, ICTD, Cable tray routing to the client for approval
- Procurement of JB's, Cables, Cable trays & other consumables
- Construction of the skid at workshop
- Erection of the skid.

- Undertaken the **ASP MARMUL PILOT** Project. Client. SNF. Engineering. Tebodin

- Procurement of JB's, Cables, Cable trays & other consumables
- Construction of the skid at workshop
- Erection of the Skid

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EMC: Maintenance jobs

Approved Instrument Maintenance Engineer

(Approval letter of PDO Ref: ONET/C31-1161/284 & Ref: ONET/C31-1161/429)

Nature of job includes Preventive maintenance jobs, Shutdown maintenance jobs & corrective maintenance jobs of sites like Lekhwair, Fahud, Qarnalam & Yibal & estimation job at STS Tebodin of different projects.

- Responsible for the whole maintenance activities including process safeguarding system, Fire & gas system, process control system. Compressor PM, Wellhead control panel maintenance.
- Co-ordinating & arranging the manpower as per the job requirement
- Estimation jobs for various projects in North Oman.
- having a good interpersonal relationship & communication with the client

2008 - 2009

Al Meer Technical Services Company, Kuwait Instrument Engineer / Construction Coordinator

Worked with this company in many KOC projects for instrumentation related works. On leave for one year from Malabar Cements for signing a new contract with ATSCO.

- Coordinated site survey for data collection of existing system, design & detailed engineering for the new system, preparation of data sheets for the field instruments.
- Handled preparation of material requisitions for the instruments, evaluation of technical bids, vendor finalization, review of vendor documents, preparation of engineering deliverables for the projects, preparation of BOQ of instrumentation as a part for tendering
- Handled SS piping from transfer pump area to various skids & from skids to various injection points such as separator area, wet tank, dry tank & brackish water tank area,
- GI Piping for above ground pipe lines & spool pieces & RTRP piping for underground pipelines for fresh water line, corrosion coupon & their related civil, instrumentation & electrical systems like excavation, cable laying, termination, erection & commissioning of PLC's, FCN
- As-built document preparation for 14 Gathering Centre's at Magwa & Burgan area.
- Assisting in purchase of tools, equipments, consumables etc.,
- Was responsible for personal safety, safe working practices for all Instrumentation related works

Project Worked:

- Replacement of Rotary Equipments & Pump Shelters at GC-17, West Kuwait
- Replacement of 18" crude export line from GC-20 up to North tank farm
- Upgrading/modification to Tank, Injection Pump Seal, water & drainage system at MMIP

2009 - 2011

2004 - 2008

Malabar Cements, India Assistant Engineer – Instrumentation

Worked in many up-gradation and maintenance projects as Instrument Engineer with this company.

- Handled the modification of the open circuit cement plant in to closed circuit cement plant by installing VVVF Drives for both Separator & Recirculation fan with bucket elevators for fly ash mixing & fly ash silo.

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- Installation of different instruments like Solid Flow meter for fly ash consumption, Solid Flow meter for separator reject, Dust collector timer panels, DP instruments, Smart Bob instruments for silo level, Temperature sensors, transducers, Safety interlocks for bucket elevators like Belt sway switches, Boot level switches & Zero speed switches. & Installation & loop checking of Allen Bradley PLC Control Logix 5555.
- Carried out routine maintenance, trouble shooting, corrective/preventive, instrument calibration, loop checks, commissioning, ESD checks, crew supervision. It included compressors, pumps, heaters, blowers, vessels, tanks instruments and fire & gas system.
- Assisting in Estimation preparation, costing works and procurement for acquiring spares for routing shutdown and maintenance related Instrumentation works.
- Managed the project for modification of cooler with new VVVF ID fan & new ESP. Including installation of different instruments like capacitance type level switch, Zero speed switches for Rotary air lock, Reddler conveyor, Screw conveyor, Damper Position indications, Draught transmitters, Temperature transmitters etc.,
- Assisted in preparation of ladder diagram for the cooler ESP project at RS Logix 5000 & installation & loop checking of SLC 5/03 PLC
- Carried out maintenance and troubleshooting of Instruments, AC & DC drives, PLC 3/10, PLC 5/30, Control Logix 5555, SLC 5/03 (Allen Bradley PLC). Gained experience in graphical modification in RS VIEW 32 & RS LOGIX 5000 ladder logic program & trouble shooting of PBL & TRANSWEIGH weigh feeders. Coordinated the maintenance of Rosemount NDIR Analyzer, ABB Analyzer & Fuji O2 Analyzer.
- Carried out works within the statutory Safety Procedures and the Permit-to-Work system requirements.
- Attended all plant operation meetings with plant representatives
- Coordinated with Vendors on site for all installation and commissioning works.

Project Worked:

- Closed Circuiting of Cement Plant
- Cooler ESP Project
- Bag house project
- Up-gradation of Allen Bradley PLC to Siemens PCS 7

2002 - 2004 Sunsui Power Engineers, India **Site In charge**

Worked as a Site In charge for new PEPSI plants in Allahabad and Kanpur.

- Managed the installation of new feeder for motors, installation and testing of panels
- Performed all working in accordance to client safety and Permits systems.
- Involved in calibration, installation, loop checking, testing & commissioning of all digital and analogue loops in the plant
- Handed manpower handling and distribution

2001 - 2002 Fertilizers and Chemicals, India **Graduate Engineer Trainee**

- Maintenance & calibration of different type of electronic transmitters like pressure, flow, level of ROSEMOUNT, ABB Kent, HONEYWELL etc.,
- Exposure to BENTLY NEVADA 7200 Series M/C Vibration Monitoring System, ROSEMOUNT pH probes & Transmitters,
- Maintenance & Calibration of Control Valves, I/P Converters, Thermal Conductivity & NDIR Analyzers, Mass Flow Meter etc & Exposure to Siemens PLC & Tata Honeywell DCS. etc.
- FEDO (FACT Engineering & Design Organisation) - involved in the project work of FEDO for Kuwait Oil Company (KOC) under the contract of KREMENCO.

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- Prepared data sheets & TPS (Technical Procurement Specification) for control valve, electronic transmitter, pressure switch, pressure gauge, level switch, level gauge, temperature gauge etc.,
- Prepared erection package for the above project.
- Instrument installation, calibration, loop checking and commissioning of various plant instruments

2000 - 2001 Flotomatic Engineers Pvt. Ltd., India **Site In charge**

- Maintenance, Calibration & shutdown jobs of different instruments at PSF & PTA division of Reliance industries. Hazira.
- Involved in all instrumentation works including installation, calibration, loop checking and wiring modifications.

Major Industries Served Other than Oil and Gas

- Oil & Gas
- Petrochemicals
- Fertilizers
- Cement Plant
- Chemical Plants

DECLARATION

I hereby declare that the information provided in this application is true and correct to the best of my knowledge and belief.

Place: UAE

Date:

Bijumon.V.G