

Mr. Muneer Aminuddin Choglay

QA/QC Cum Maintenance Engineer (Oil & Gas, Power Plant)

(KUWAIT MINISTRY APPROVED)



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Profile

Experienced Instrumentation Engineer with a demonstrated history of working in the **Oil & Gas Industry** and **Power Plant**. Skilled in QA/QC, Operation & Maintenance, Metering Systems, Process Control, Site Engineering, EPC, Calibration, Gas Reconciliation, Validation & Documentation. Strong engineering professional with an Engineer's Degree focused in INSTRUMENTATION ENGINEERING (University of Mumbai).



Education



B.E. Instrumentation

Jawahar Edu. Soc., A. C. Patil College of Engineering
University of Mumbai

Project: 1. Detection of Metals & Non-Metals using PLC
(Automation)

2. Panic Alarm (Mini Project)

Graduated, July 2015
Division: 1st



Diploma. Industrial Electronics

Vivekanand Education Society's Polytechnic College
Maharashtra State Board of Technical Education

Project: 1. Bomb Disposal Robot (ROBOTICS)

Graduated, July 2010
Division: 1st



H.S.C. Science - Bifocal

Bandra Urdu High School and Jr. College
Maharashtra State Board

Project: 1. LED Display Board

Graduated, July 2008
Division: 2nd



Work Experience

QA/QC Engineer (Ministry Approved)

Company: KCC Engineering & Contracting Co. (KUWAIT)

Period: Nov 2019 till Present.

Project: Doha East Power Station, M.E.W.

Plant: Thermal Power Plant Project, 1350 (150 x 7/unit) MWe Cap.

Responsibility:

- To set up measurable Quality Objectives and Plans for continual improvement with monitoring.
- To conduct regular Internal Quality Audits at Project Sites and Facilities.
- Proactively supervising the closure of NCRs (Non-Conformance Reports).
- Providing technical support to Operation & Maintenance Department.
- Attend client quality management meetings, preparation and control of project quality system management documentation prior to project commencement.
- Prepare daily, weekly, and monthly Project Reports for quality control and quality assurance activities.
- Ensure compliance with relevant codes, standards, and specifications w.r.t. ISO 9001:2015.
- Coordinate and conduct inspections to ensure all work is completed in accordance with project requirements.
- Maintaining all QA/QC documents including logs, reports, and records.

Maintenance Engineer (Ministry Approved)

Company: KCC Engineering & Contracting Co. (KUWAIT)

Period: Aug 2021 till Jan 2022 (Total Exp: 6 Months, until Project Completion)

Project: Doha West Power Station, M.E.W.

Plant: Thermal Power Plant Project, 2400 (300 x 8/unit) MWe Cap.

Responsibility:

- To carry out all Operation & Maintenance Activities as per scheduled plan.
- To prepare various Reports thereafter of activities executed at site.
- Issuance of Work Permits, PTW, PSN, etc., for carrying out work related to O&M Department & to follow up with O&M Activities.
- Materials Inventory, Quality & Manpower Management.

- Review of Technical Documents like Single Line Diagram, P&ID, Loop Wiring, Hook-Up, G.A., B.O.M., Panel Wiring, Cable Layout, Fire Alarm Layout & other Drawings.
- Review & Approval of QA/QC Documents, Inspection (ITP) documents, etc.
- Providing technical support to Operation & Maintenance Dept. of MEW.
- Guiding & witnessing the Testing & Commissioning of various instruments, Fire Alarm Systems as part of upgradation on site.
- Participate in Monthly & Weekly Progress Review Meetings representing Client and reflecting on critical issues and concerns of the Project.
- To adhere with safety standards for People & Work involved.

Operation & Maintenance Engineer (N.G. Pipeline)

Company: GAIL India Limited, INDIA

Period: July 2015 to June 2019 (Total Exp: 4 Years)

Project's:

1. Construction of SV Gas Transmission Station.
2. Dahej - Uran Pipeline & Dabhol - Panvel Pipeline.

Responsibility:

- Site Engineering, Installation, Calibration & Preventive Maintenance of Custody & Non-Custody Field Instruments & Flow Computers on site.
- Accomplishing the undersigned job as per **Documented-Designs** like P&ID, Loop Wiring, Hook-Up, G.A., B.O.M., Panel Wiring, Cable Laying Diagrams & other Drawings.
- EPC, Testing & Commissioning, Loop Checking, Process Control, Metering Systems,
- Validation of H2S & H2O Analyzer mfd. by Endress+Hauser Pvt. Ltd.
- Calibration of PSP Converter (Voltage Transducer).
- Planning & Scheduling E&I Activities.
- Analyzing & Preparing Reconciliation Reports, Calibration Reports, Work Permits, Annual Schedules and History updates.
- Procurement of Spare Part Goods for Flow Meters, Pressure Regulators and Other Instruments.
- Data Monitoring using **SCADA FAST/TOOLS™ Web-HMI** by **YOKOGAWA**.
- FLOW Validation using **KELTON FlowCalc** Software.
- Gas-Chromatograph Data Fetching using **Local View** Software.
- Preparation of Fortnightly Joint Tickets of Consumers using **SAP NetWeaver, LOGON730, SAP GUI v7300.1.0.1074**.
- Data Acquisition from **Flow-Computers** installed at all Stations/Terminals.
- Material, Equipment & Manpower Management.

Sr. #	Type Of Activities	Project Phase / Main Points	Job Responsibility as O&M Engineer
A	Project Specific	1. Project - Initiating	To reduce Line Pressure inside Sectionalizing-Valve Gas Station as per PNGRB Guidelines without affecting Consumer's inlet supply.
		2. Project - Planning	To get in continuous touch with the Design Engineer for new Modifications, Installations and Designs on existing Sectionalizing-Valve Gas Station.
		3. Project – Implementation	To attain a steady gas flow under desired pressurized condition.
		4. Project - Monitoring & Control	To monitor the process both under normal as well as abnormal conditions and to control the pressurized gas flow for any insignificant variations / disturbances. Also to remotely monitor it over SCADA.
		5. Project - Closing	1. To check whether the entire system is working as per desired requirement or not. 2. To go through all Preliminary checks to see systems adaptability to new designs and modifications and 3. To review all Drawings, Commissioning Reports, Spare Parts check and necessary Project manuals.
		6. Reporting - Weekly/monthly etc.	Reporting the entire Ongoing details of the project to respective Officers/Seniors on daily as well as weekly basis.
		7. Lessons learned	To work in Charged line / running process without disturbing end Consumer's gas supply line. Also to carry out such activities synchronizing with maintenance activities of Consumers without affecting their Supply.
B	Non-project Specific	1. Calibration & Validation	Calibration of Custody & Non-Custody Instruments like Pressure Transmitters, Temperature Transmitters, Pressure Gauges, Temperature Gauges. Validation of Flow-Computers, H2S & H2O Analyzer and Turbine Meters.
		2. SCADA	Data Monitoring & Analysis using SCADA FAST/TOOLS TM Web-HMI by YOKOGAWA.
		3. SAP	Data Acquisition in Gas Management System via SAP NetWeaver, LOGON 730, SAP GUI v7300.1.0.1074.
		4. Procurement	Recently done Procurement of Spare Part Goods of Turbine Flow Meters and Pressure Regulators.

- Have attended **ISO 9001:2015 QMS LEAD AUDITOR** Training Program.
- Have completed the course in “**DCS & PLC OVERVIEW (Centum CS3000 Yokogawa)**” conducted by the Technical School of YOKOGAWA INDIA LTD, BANGALORE.
- Have undergone “**Basic Course on Process Instrumentation**” conducted by SIEMENS at SITRAIN – INDIA, KALWA.



Achievements

- Have lead the Diploma Hardware Project up to a **National Level Competition** conducted at Rajiv Gandhi Institute of Technology, ISA, MUMBAI.



Extra Skills

- PLC Programming: SELEC MM1015-230V, AB Micrologix 1400, RS Logic 500. **(2 yrs Academic Experience)**
- PCB Designing & Complete execution **(2 yrs Academic Experience)**
- Project Events Planning and Organizing **(4 yrs Academic Experience)**
- Troubleshooting Electronic Hardware Projects **(3 yrs Academic Experience)**
- Engineering Project Building **(4 yrs Academic Experience)**
- Possesses Good Leadership Qualities, Good Communication & Analytical Skills, Presentation Skills, Team work, Interpersonal Skills, Planning & Decision Making, etc.



Personal Details

- Father's Name : Aminuddin Ibrahim Choglay
- Address : Chawl No. C/5, Barkat Ali Nagar, Salt Pan Road, Wadala (E), Mumbai-400037
- Date of Birth : 19th May 1990
- Nationality : Indian
- Marital Status : Married
- Visa Type / Civil ID. : 18 (Transferrable) / 290051906724
- Passport No. : Y8613236 (D.O.I: 16.10.2023; D.O.E: 15.10.2033)
- Languages known : English, Arabic, Urdu, Kokni, Hindi, Marathi

Declaration:

I hereby declare that above written particulars are true to the best of my knowledge & belief.

Place: Kuwait

Your's Faithfully

Date: / /

Eng. Muneer A. Choglay
(QA/QC Cum Maint. Engg.)