**MOHAMMAD**

**MOHAMMAD.371888@2freemail.com** ****

**POSITION - FIRE ALARM & FIRE AND GAS TECHNICIAN**

**EXPERIENCE SUMMAREY**

**Around 08 years of experience in installation, Pre-Commissioning & Maintenance of Fire & Gas systems.**

**Professional Qualification:**

* **Bachelor of Engineering in Electronics & Communication Engineering** from **RVD UNIVERCITY**
* **Diploma in Instrumentation& Control** from the oxford Polytechnic, Bangalore (Karnataka)
* **S.S.C Passed** from B.S.E.B PATNA

**CAREER SUMMARY**

**Senior TECHNICIAN, Zener Electrical & Electronics services. On Deputation**

**GASCO Ruwais, October 2013 -Till date**

**ACTING SUPERVISOR, Zener Electrical & Electronics services**

# Commissioning Experience

* **Up gradation of Yokogawa Prosafe-RS PLC, ESD system , F&G and DCS modification**

Worked as commissioning technician, Responsibilities loop checking, raising punch list, wake down, provided pre-commissioning and commissioning assistance to vendor

* **GASCO Ruwais Sulphur Handling Terminal 2 (RSHT2).**

Worked as a commissioning technician, instrumentation activities like installation, instrument & fire & gas panels, fire

* Inspection and testing of field instruments. Involved in day-to-day preventive maintenance for field instruments, individually and team wise.
* Periodic checks according to voting logic, status conformation alarm simulation and verification.
* Troubleshooting, checking fire & gas systems connected to Yokogawa PLC, FSC (Fail Safe Control) system.
* Override and normalize the process trip sip signals are connected through the Yokogawa (FSC) system.
* Maintenance of Fire & Gas Detection Systems Interfaced through FACP and True Site Workstation

(TSW) for the entire non process buildings

* Train workers in equipment repair and structural maintenance, using operating manuals, work orders, and blueprints.
* Testing all type of Smoke, heat & Flame detectors; break glass unit, gas detectors and UV/IR detectors.
* Testing and troubleshooting of VESDA systems in substations, FAR and MCR.
* Testing the output from the fire systems for INERGEN gas release for life and equipment safety in substations, satellite instrument shelter and control rooms.
* Maintenance, calibration and trouble shooting of HC gas detectors in Power Generators and Compressor by means of air sampling from varies points.
* Troubleshooting and calibration of Hydrocarbon, Hydrogen, Hydrogen sulphide, sulphur di oxide, oxygen deficiency, Ammonia and chlorine gas detectors in all areas.
* Maintenance and troubleshooting of Detronics UV/IR flame detectors in power generators & Compressor.
* Installing, servicing and maintaining of fire alarm systems, fire detection, fire protection and Gas detection Systems. Fire suppression and extinguishing agent & Deluge, Sprinklers, water spray systems interfaced with PLC and DCS
* Installing, servicing, Testing and troubleshooting of Gas detectors.
* Maintenance and troubleshooting of INERGEN systems solenoid valves, directional valves, pressure transmitter, pressure switches and pilot cylinders.
* Testing, troubleshooting, and maintenance of deluge systems interfaced with PLC and DCS
* Maintenance of Fire water monitoring system interfaced with PLC & DCS
* Using hart communicator and druck calibrators to calibrating & testing of pressure switches & transmitters

**Instrumentation and fire and Gas Commissioning Technician**

**CAE (CONTROL & APPLICATION EMIRATES, ABU DHABI) October 2012 – July 2013**

* Supervising/Active involvement in preventive, corrective maintenances, troubleshooting of F&G instruments (PLC & FACP based) in accordance with work permits.
Knowledge of fire and safety system like DCS Systems, VESDA systems, deluge valve systems, sprinkler system, Inergen systems, Simplex Panels, Minerva Panels, ALPHA 4/8/12 Panels, fusible loop bulbs, smoke detectors, flame detectors, gas detectors, How Fire systems, foam, CO2 systems and fire & gas sirens abandon alarms.
* Maintenance for linear heat cable systems in floating roof tanks, pumps and deluge water spray systems for the protection of transformer and pumps.
* Maintenance and troubleshooting of VESDA, INERGEN system, Detronics UV/IR flame detectors, Hydrocarbon, Hydrogen, Sulphur Dioxide, and Hydrogen Sulphide Detectors including Open Path Detection (General monitor, MSA, Dragger, Honeywell),

**Instrument Technician PEREGRINE PROJECTS & SOLUTION (Qatar) QATAR CHEMICAL COMPANY DOHA QATAR May 2010 to July 2012**

* Identifying a clear scope of work/supply and accordingly plan/schedule the engineering activities. Identify and quantify total number of engineering deliverables, man-hour allocation, and format of delivery, time schedules and other requirements for execution of the work in Preventive Maintenance (PM).
* To Co-ordinate with projects/clients and planning on I/O Data's, project time schedules, establish target completion dates, ensure target dates are achieved for Preventive Maintenance(PM)/Corrective Maintenance(CM).
* Developing Manpower Charts and schedules, recommend, assign and distribute manpower for the execution of engineering activities within budgeted project man-hours through Job Plans. Recommending cost effective measures to reduce overall manpower cost
* **D**uring loop check, check Instrument index, Datasheet, Flow rate range, Engineering, Unit, Alarm, ESD valve On-Line test, Sequence of Events, Service Description, Bad input/output, P&ID drawing, Location drawing.

**Domestic country Experience:**

[**Instrument Technician**](https://www.linkedin.com/vsearch/p?title=Instrumentation+%26+Control+%28F%26G%29+Supervisor&trk=prof-exp-title)

* **BOC GASES** (BOC India Limited) Jamshedpur - 03rd September 2008 to 20th March 2009
* **ELMATICS ENGG PVT LTD** (Mumbai**) -** April 2009 to 26th November 2009

**Duties & Responsibilities:**

* Functional and logic testing, Fire & Gas system, Motors & all related interlock system.
* Primary elements to final control element like T/C, RTD, Gauge Switches, Transmitters, Recorder, I/P Converter Controller and control Valves related to all parameter.
* Working experience with smart type of Transmitters, uses of HART Communicator.
* Well versed on PID drawing, Schematic, Logic, Single line Wiring diagrams, Feedback, Cascade, and Loop checking and Trouble shooting.
* Preventive and schedule maintenance, routine checkup, function testing of instrument Loop.
* Familiar behavior with client & company safety.
* Attending & organizing the weekly safety meeting with the help of instrument team of supervisor, foreman and Technicians.

**Attended seminars on safety courses:**

* Fire Prevention, Fire Fighting and elementary first aid from Venture Gulf
* H2S Training form TUV Abu Dhabi 2014
* PTW, Work and height and CSE from GASCO, & Qatar chemical Ltd.
* Simplex 4100 plus & 4100 U
* VESDA (Very Early Smoke Detection Apparatus
* Sprinkler Systems, &Deluge Systems, &Cylinder Handling Technic
* PA systems (Specter Lumenex ) &INERGEN System
* Competency Test of Fire & Gas Safety Instrumented System’s
* Fire Water Monitoring Systems
* Basic Knowledge of MANLIFT OPERATOR (BUREAU VERITAS QATAR)
* Qatar Driving license number: 28735615191
* India Driving license number: MH-03-20090084728