

MOHAMMAD ABBAS

RESUME: Instrumentation Engineer

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Career Objective

Aim to learn more and gain practical knowledge that can be further utilized to accomplish the organizational goals effectively. Looking for challenging and exciting opportunities, which call upon one's ability and give a considerable degree of responsibility.

Personal Summary

A very experienced **Instrument Engineer** with over 6 years invaluable experience of successfully Industrial training and working knowledge of Instrumentation operational, Industry standards, sound knowledge of electrical area, ability to follow API guidelines for instrumentation. Currently looking for a suitable **Instrument Engineer** positions with a progressive Manufacturing company, willing to relocate if necessary.

Work Experience

- Worked in **Star Contracting Oil & Gas Ltd** as a "**Instrument Engineer**" south sudan from 23/07/2017 to till date.
- Worked in Industrial Training in "**Instrumentation Engineer**" Maintenance Department Visakh Refinery "**Hindustan Petroleum Corporation Limited**" Visakhapatnam During 10/Feb/2010 to 20/Jan/2011. Year.
- Worked as an "**Instrument Engineer**" at "**Hindustan Petroleum Corporation limited**" on behalf of "**Power Mech Projects Limited**" at Visakhapatnam, India, during 20-10-2011 to 25-09-2015.

Technical Qualification

- Bachelor of Engineering (B.E) in "**Electronics and Instrumentation Engineering**" Year 2011 from "**Gitam college of Engineering**" Andhra University, A.P, India.
- Done "**POST GRADUATE DIPLOMA IN INDUSTRIAL AUTOMATION**" training courses in '**Prolific system And Technologies Pvt. Ltd**' from 16-7-2011 to 14-10-2011 at Visakhapatnam, A.P, India.

Educational Qualification

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- Board of **Intermediate Education** 2007 first division A.P Board, A.P, India.
- Senior Secondary **High school** 2005 first division A.P Board, A.P, India.

Academic Achievements

- Got selected in “**Merchant Navy**” as **NAVIGATIONAL OFFICER** in campus recruitment.
- Secured school 2nd in 10th.
- Participated in college and school level cricket tournaments and received applauds.
- Volunteered in technical fests (interface & kshetragn).

Extra Curricular

- Participated in workshop on “**HEXAPOD ROBOT**” held at NIT Triuchipalli, Tamil Naidu.
- Organized and participated in the events conducted by “**SOCIETY OF INSTRUMENTATION**”.
- Participated in workshop on “**MATLAB**” Programming held at Gitam University.

Technical Skills

- Programming Languages : C, C++
- Microcontrollers (8051) & Microprocessor (8086)
- Control Systems & Process Control
- PLC
- MS office
- Excel Word

Industrial Visit

- Visited, ABB robotics Bangalore which gave an insight of the various robots that works in the industry.
- Visited National Instruments ltd Chennai, through the tour and understood the processes of quality control within an industry.

Academic Project

ROBOT NAVIGATION AND CONTRTROL

Description:

A Robot Navigation and Control is a vehicle designed consists of three wheel using Encoder, Gyro sensor & Microcontroller 8031 in a given defined path of 5mts from its Initial point.

Jobs Responsibilities

Industrial Trainee Instrumentation Engineer at HPCL:

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- Making schedule for preventive maintenance.
- Making maintenance records.
- Arrange the schedule for maintenance of machines A.C and D.C motors, Air compressor, Electrical breakers, Mechanical parts of machinery.
- Coordinate with production department for continues production.
- Coordinate with procurement and store department for spare parts or maintenance works.
- Hydraulic and Pneumatic controller.
- Different types of A.C and D.C motors.
- Electrical heat, Pressure and flow controller.
- Calibrate instruments & Maintainin as well as troubleshooting the PLC logic.
- Theory of commissioning and the application of various instruments.
- Preparation of material requisition for the instrument, Evaluation of technical bids and data sheet for the field instruments.
- Preparation of engineering deliverables for the projects.
- Knowledge of PLC, SCADA and DCS.
- Knowledge of loop checking of PLC.
- Monitoring instrument installed, tested & commissioned.
- Maintenance and Trouble shooting of instruments, AC & DC DRIVES.
- Maintenance & Calibration control valves, I/P converter, Thermal Conductivity, Mass flow meter & Analyzers etc
- Knowledge of pressure gauge, pressure switch, level switch, temperature gauge.
- Knowledge about fire and Safety & Fire fighting.

Instrumentation Engineer at Star Contracting Oil & Gas Ltd at South Sudan:

- Preparation of loop folder with all necessary documents such as loop test procedures, loop test check sheet, loop drawing, P & ID, plot plan / location diagram, SAT documents, alarm set point list, hook-up diagram and other supporting documents. Preparation of all necessary materials / equipment and permit to work (PTW) documents prior of any scheduled activities.
- Plan and scheduling of loop test execution such as pre-loop activities, preparation of loop test equipment and coordination with the client for final loop test activity.
- Prepare daily, weekly and monthly progress report.
- Assist during construction stage of project, performed SIT activities (Site Installation Test), monitoring of construction activities such as SIS (Satellite Instrument Shelter).
- Panel Installation, marshalling panel termination activities, field JB installation glanding and termination.
- Prepare report of all loop test issues such as loop punch items (Construction and system related punch), field instrument issues (material defect and spare issues).
- Preparation of all related instruments like different types of valves (MOV, sequence valve, emergency shutdown valves, blow down valves and other process control valves and support PMC activities such as air blowing, high pressure leak test and other instrument related activities.
- Check the calibrated instruments like PIT, PDIT and FIT, TIT, LIT, RTD, Thermo couple, Control valves and ON/OFF valves, Solenoid valves, Limit switches, I/P converter, Electromagnetic and Vortex Flow transmitters etc.
- Responsibilities also Include: Cable scheduling, marshaling cabinet, Local Equipment Room (L E R), Inter connection wiring diagram checking, field cabinet simulation,

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conducting loop check and aware of full plant control & monitoring through PLCs, DCS, SCADA & SIS systems. Alarm Status checking with console system.

- Calibration, Installation and Maintenance of Pressure gauges, temperature gauges & level gauges.
- Installation and Commissioning of Radar level transmitters and D.P type level transmitters.
- Physical inspection & cleaning of UPS & SCVS measurement & recording of UPS o/p, DCS panels physical inspection like fans, lightning, filters, cards etc.
- Physical inspection & functional checking SH & RH spray pneumatic valves operation from UCB, APH motors functions and its Drum level transmitters, SH /RH metal temperatures.
- Checking of SAC, IAC loading and unloading solenoids, pressure, temp switches and gauges, Annunciation systems, etc.
- Physical inspection of LPH, HPH related level switches, functional check of control valves.
- Preventive and corrective maintenance of instruments done during shutdown.
- Practice and implementation of Health, Safety and Environment (HSE) and permit to work (PTW) system is always taken into consideration.
- Calibration, Installation and Maintenance of Pressure gauges, temperature gauges & level gauges.
- Installation and Commissioning of Fire & Gas Instruments (Toxic gas detectors, Flammable gas detectors, etc.
- Calibrating and Commissioning of temperature proximity elements, vibration proximity elements in Machine Monitoring system, power plant proximity sensors, vibration sensors.
- Installation and Commissioning of Radar level transmitters and D.P type level transmitters.
- Inspection and Installation of all the field instruments as per specification.
- Preparation of loop folder with all necessary documents such as loop test procedures, loop test check sheet, loop drawing, P &ID, plot plan / location diagram, SAT documents, alarm set point list, hook-up diagram and other supporting documents. Preparation of all necessary materials / equipment and permit to work (PTW) documents prior of any scheduled activities
- Preventive Maintenance: Such as Timely servicing and calibration of instruments.
- Corrective Maintenance: Corrective action taken after breakdown. Such as repair and replacement of instruments.
- Preparations and scheduling of shifts for maintenance, Follow Standard Operating Procedures(SOP).
- Maintaining log books, Daily reports, issues, timely ordering of required instruments etc.
- Communication & coordination between the Maintenance, Planning and Production Departments.
- Reporting to the maintenance manager of Instrumentation on a daily basis.

Personal Details

Name : **Mohammad Abbas**

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Father's Name : **Abdul Karim**
Date of Birth : 21st April, 1988
Sex : Male
Marital status : Married
Mother Tongue : Hindi
Languages : Hindi, English, Urdu.
Hobbies : Football, cricket, music

Passport Details

Passport No : K2755308
Place of issue : Visakhapatnam
Date of issue : 2/02/2012
Date of Expiry : 01/02/2022

Declaration

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

I, hope you will consider my **C.V's** favorably and call me for an interview with the delegates and Prove my worthiness and capabilities. I shall be ever grateful to you at all the time.

Date:

Signature
(MD.Abbas)