

CURRICULUM VITAE



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Career Objective:

Looking for challenging career in Oil & Gas Petrochemicals sector, where I can prove myself to the best of my abilities and contribute to the growth of the organization and get a chance to update my knowledge and skill as well as the best of me.

Career Summary:

Having 11 years of experience in Instrumentation Maintenance, Commissioning, Turnarounds and Project EPCC works for possessing units and utilizing skills for technical analysis , management & Administrative, site supervision, team player, effective coaching, co-ordinate multidiscipline , Rotating equipment, Electrical, Instrumentation, Tele-communication and loss preventions, effective materials management & expediting , Erection, Maintenance, Trouble Shooting, Loop-Checking, Commissioning/Startup & Shut-Down activities in the field process instrumentation and PLC/ DCS/ SCADA/ ESD/ F&G systems in Oil & Gas Production/Processing Plant, Refineries in India and Middle east.

PRESENT ASSIGNMENT:

QATAR PETROCHEMICAL COMPANY (QAPCO) - Secondment through Mekdam Technical Services
Position :Engineer - Instrumentation.

Project :Commissioning, Turnarounds and Maintenance (O&M) jobs in Ethylene plant. CAPEX, MOC modification jobs, CCR and Field related works in QAPCO Complex.

Period : May 2021 to December 2021.

Nature of jobs in present Organization:

- Responsible for supervision of control and field Instrumentation system maintenance of the plants, Pre turnaround, Planning manpower for the day to day maintenance activities and planning for shutdown activities.
- Identifying the recurring problems and taking preventive & corrective actions.
- Development of preventive and predictive maintenance system for various instruments and instrumentation systems.
- Execute MOC jobs, prepare punch list for the commissioning and maintenance.
- To perform the periodic scheduled calibration and checks maintaining proper records and documentation logs, Inventory control activities like planning of spares management, reconditioning and standardization of spares.
- Ensures availability of materials, tools and test equipment guided by standard procedures (SOP).
- Working in maintenance, Shutdown jobs and emergency shutdown jobs.
- Following all safety Instruction, raise SOC for finding any safety deviation.

Organizational Experience:

- From **Sept' 2018 to Sept'2020** worked with **Reliance Industries Ltd., Jamnagar Refinery** as a Instrument engineer on payroll of Reliance industries with profile of Shutdowns, CAPEX, Operation & Maintenance(O&M) in CDU-VDU units in Inst. Maintenance division.

➤ From **March 2016 to July 2018** worked with **Kuwait Oil Company(KOC),Kuwait** as a **Senior Instrumentation** on payroll of Gulfspic contracting company with profile of commissioning, Operation & Maintenance(**O&M**) in Instrumentation division.

INVOLVED IN COMMISSIONING AND TROUBLESHOOTING OF:

- Working and core experience with GE make process Gas turbines Aeroderivative model PGT2500+G4DLE, Gas Compressors, Boilers and other processes and utilities units.
- Working and core knowledge with GE MARK V Hardware & software Toolbox ST, HMI-simplycity system, trender view, HIMA safety system, GE Fanuc RX3i system.
- Working and core knowledge in DCS Honeywell system EPKS C300, Honeywell PLC Safety Manager system.
- Process compressor for boosting the LPG Gas.
- Central Centrifugal compressor boosting the fuel gas Nuovo Pignone.
- Instrument air compressor with ES8 controller (Atlas Copco).
- Nitrogen skid generator with membrane.
- Condensate auto export system.
- Smoke less stack flare system.
- TEG Regeneration Reboiler BMS system.

➤ **Cairn India Limited, Bhogat, Gujarat.**

*From July 2013 to March 2015 worked with **Cairn India Ltd, Gujarat** as a Instrument Engineer on payroll of Brunel India Pvt. Ltd. with profile of Maintenance, commissioning.*

Reporting to – Instrument Superintend/Manager

Working **Units** : Air & N2 compressor, Gas turbine generator Siemens SGT-400, Boiler, Water treatment plant, OWS, STP, Clydeunion TM, F&G system, Telecom system, Control system.

➤ **HPCL-Mittal Energy Ltd, Bhatinda, Punjab.**

April'11 to June'13 with **HPCL-Mittal Energy Ltd.** on payroll of Aarvi Encon Pvt. Ltd. as a Engineer-Instrumentation in Instrumentation Maintenance department.

Working Units : DHDT (Diesel Hydrotreater Unit), VGO-HDT (Vacuum gas oil Hydrotreater unit), HDU(Hydrogen generation unit), CDU/VDU (Crude Distillation Unit & Vacuum Distillation Unit).

M/S HPCL-Mittal Energy LTD (Guru Gobind Singh Refineries Ltd), Bathinda, Punjab.

HMEL will produce the following Petroleum & Petrochemical products :

- **Liquid Products:** Aviation Turbine Fuel, Liquefied Petroleum Gas, High Speed Diesel, Naphtha, Superior Kerosene Oil, Hexane, Motor Spirit, Mineral Turpentine Oil.
- **Solid Products:** Pet Coke, Sulphur and Polypropylene.

Summary of Experience:

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|-----------------------------|---|
| ➤ Name of the organization: | Reliance Industries Ltd., Jamnagar |
| Designation: | Instrument Manager. |
| Duration: | Sep 2018 to Sep 2020. |
| Job Profile: | Maintenance(O&M), Turnarounds, CAPEX, Commissioning |
| ➤ Name of the organization: | Kuwait Oil Company (KOC). |
| Designation: | Senior Instrumentation. |
| Duration: | March 2016 to July 2018. |
| Job Profile: | Projects, Maintenance(O&M), Trouble shootings, Shutdown |

- Name of the organization: **Cairn India Limited, Bhogat.**
 Designation: Instrument Engineer.
 Duration: July 2013 to March 2015.
 Job Profile: Planning, Projects, Maintenance(O&M), Commissioning.
- Name of the organization: **HPCL-Mittal Energy Ltd., Bhatinda.**
 Designation: Instrument Engineer.
 Duration: April 2011 to June 2013.
 Job profile: Commissioning, Maintenance, Trouble shootings.
- Name of Company: **A-Z Instrumentation Services.**
 Designation: Instrument Engineer
 Duration: Oct 2009 to Feb. 2011.
 Job profile: Erection, Installation, Commissioning, Calibrations.

Nature of work Experience:

- * Erection, Preventive & Corrective maintenance, installation of various types of Analog & Smart transmitter for the measurement of flow, Pressure, different pressure, level and temperature.
- * Installation, overhauling, Calibration & troubleshooting of Control valve and positioner.
- * Knowledge of various PLC, DCS and scada system, OFC Cables, TELECOM systems.
- * Knowledge to Understand of Cause & Effect diagram, Piping & Instruments Diagram, Safety related Drawing, functional Logic Diagram.
- * Working & Knowledge of function block and programming for the Honeywell PLC Safety Manager, DCS system EPKS C300, GE Mark V system, Yokogawa PLC Prosafe RS and DCS Centum VP 3000 series, Allen Bradley micrologix series, SLC 5/03 and compact logix, Siemens S7 224/314 system.
- * Maintenance and servicing of solenoid valve.
- * Preventive & Correcting Maintenance Dry, Wet & Interface Calibration of level troll.
- * Various type of Thermocouple & RTD for temperature Measurement.
- * Worked on standard calibration instrument like Scandura B20 & budenberg dead weight tester, Beamax.
- * Fisher Rosemount control valves, I to P converters, valve, Positioner & on- off valve.
- * Experienced with HSE and Permit to work EPTW in SAP system requirements in petroleum and petrochemical industry.
- * Process skill to carry out maintenance on field instrumentation including Smart Field Instrumentation i.e. Foundation Fieldbus and HART Instrumentation.
- * Process skill to carry out strictly complying with established procedures, Work Instructions and best practice.

Work Experience on:

➤ **Field Transmitters:**

Installation, Commissioning & Maintenance of "SMART Series HART Protocol & FF protocol"

- ⇒ Transmitters (Rosemount 3051, Yokogawa & ABB Series, Siemens)
- ⇒ Level Transmitter (DP type, Displacer type, GWR types)
- ⇒ Flow Transmitter (DP, Mass, Electromagnetic types)
- ⇒ Temperature Sensors (Thermocouples & RTDs)

➤ **DCS AND SAFETY SYSTEM:**

- Honeywell DCS EPKS C-300 Controllers, PLC Safety Manager.
- Yokogawa – Centum CS3000, Prosafe RS safety system.
- Allen Bradley - RX logics 5000 Series.
- Hima Safety PLC for GE turbines.
- GE- Fanuc PLC- RX3i series Proficy Machine Edition with Genius I/O.
- Bentley Nevada 3500 Series (For Gas Turbine, Compressors – Over speed protection, Vibration & Temp. protection system.)
- System 1 – trending and analysis.

- Worked on F&G system, FF System, CCTV's, OTDR, OFC system, Telecom systems.
- Calibration, Maintenance, Installation, Pre-Commissioning and Commissioning of all types of field Instruments & Fire & Gas, smoke Detectors(F&G System), Cable Laying, Tracking Conducting and termination of Control Panel, Knowledge of PLC, SCADA and Distributed Control System.
- Radar master – Rosemount LT5300 echo curve analysis and probe functioning analysis.
- Alarm management system – Facility Asset Management and analysis.
- Preparing MOC (Memorandum of changes) to carry out any necessary changes in the facility.
- **Control Valves:**
 - ⇒ Calibration, testing and Maintenance of Control valves (Make- Siemens, ABB, Metso, Fisher, Masoneilan, IL, MIL).
 - ⇒ Servicing of their accessories i.e. Limit switch, positioner's (Fisher & Metso), I/Ps, Air regulators, ASCO & Norgren Solenoid Valves etc.
- **ON/OFF Valves:**
 - ⇒ Testing and Maintenance of ON/OFF valves of various vendors like (EL-O-Matic, KOSO, Virgo, Rotork, Auma)

Experience in Various Test Equipments:

375/475 Hart & FF Communicator	Emerson Process Management Germany.
Beamax Mc-5 Multi calibrator	Temp and Press Calibrator
4-20ma. Power Source	Masibus, Druck and Transmission
SFC (Smart Field Communicator)	Honeywell.
HHT (Handhold Communicator)	Rosemount.
Digital Pressure Calibrator	Druck Instruments.
Thermocouple Calibrator	Rosemount and Transmission

Interpersonal Skill:

- ✓ Having enthusiastic personality coupled with quick learning ability.
- ✓ Having Interested in working in India and Abroad.
- ✓ Having adaptable attitude to work in groups as an excellent team player.
- ✓ Having effective dissemination and communication skills.
- ✓ Having efficient time management skills.
- ✓ Having strong coaching and leadership skills.
- ✓ Having ability to achieve targets effectively and efficiently.

Education Qualification:

Degree	Board/University	Percentage	Year of passing
B.E. - I&C	Gujarat University	62.00%	2007
H.S.C	GHSEB	56.00%	2003
S.S.C.	GSEB	88.29%	2001

Industrial & Safety Training :

- Taken One week training from GE gas turbine Mark VI system in KOC.
- Six month PLC control system training at Sofcon India Pvt. Ltd.
- Six months industrial training in F.K. Enterprises, Baroda.
- Attended one day seminar on alternative energy sources in SVIT Vasad.
- Fire & Gas training from Tecnocraft in Cairn India Ltd
- Telecom system training from CommTel Networks in Cairn India Ltd.

- Fire & Safety training from HMEL & CIL about industrial safety and fire protection systems in Refinery & Petrochemical Industries.
- Gas Turbine trainings from Siemens and Jen Bachers in Cairn India Ltd.
- Working at heights, H2S, Excavation.
- Also familiar with working in Hazardous areas and PTW system.

Computer Knowledge:

- Basic knowledge of Ms-Word, Ms-Excel, Ms-Power point.
- SAP system for E-permit to work system, Procurement PR PO, Material reservations and preparation Maintenance shutdown list, Plant corrective & preventive maintenance.
- Making Electronic permits- PTW holder and JSA analysis.

Achievements:

- Successfully organized a National Level Tech-Fete - "PRAKASH" 06, SVIT - Vasad.
- Runner up in Inter Department Carrom Championship, SVIT - Vasad.

Project:

- Project on "**HOME AND OFFICE SECURITY SYSTEM**" done at collage.

Strength:

- Positive Attitude.
- Good in Crisis Management and have sound Technical Knowledge.
- Good Communication skills.
- Leadership and Time management skills.
- Grasping Ability, Dynamic and hardworking.

Hobbies:

- Painting , Readings
- Playing and listening Music
- Creative Thinking, Helping to peoples
- Cricket, Table Tennis.

Personal Details:

Date of Birth:	16 th December,1985
Address:	24/Kalyan society, Malpur road, Modasa, Gujarat.
Marital Status:	Married
Gender:	Male
Nationality:	Indian
Language Known:	English, Hindi & Gujarati
Passport No. :	N4533668
Passport validity:	October, 2025

Declaration:

I hereby declare that all the statements given above are correct and true on behalf of my knowledge. If a chance is given to me, I am sure that I will do my best towards my work and conduct.

Thanking You,
Saumil G. Sheth.