

CURRICULUM VITAE

Kharsani Vishal Harilal
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Carrier Objective

Seeking a challenging career that utilizes my skills in the field of Instrumentation and Automation. Skilled in Instrumentation with more than 8.5 Years in Process Control Instrumentation Maintenance, Start-up and Shutdown activities associated with Oil gas, Petrochemical, Power Generation and LNG industries. I believe in giving my best to whatever I do and seek challenges as they help me to grow. An optimist at heart and believe that there is no substitute for hard work.

Carrier Profile

- Total Experience more than 8.5 Year in Instruments Maintenance, Testing & Operation.
- 4.5 year Experience in India & 4 year Experience in Abroad.

Educational Qualification

Examination	Discipline/ Specialization	School/college	Board/ University	Year of passing	CPI
Degree	Instrumentation and Control Engg.	L.D College of Engineering Ahmedabad	GTU	2013	8.40
Diploma	Instrumentation and Control Engg.	Govt.Poly Ahmedabad	GTU	2013	8.40
S.S.C	S.S.C	M.M. Piperdiwala High school	G.S.E.B	2010	82.15%

Service Experience

1. Currently I am working with Hindustan Urvarak & Rasayan Limited (**HURL**) as an “**Instrument Engineer**” from 18/07/2021.
 - Carried out commissioning activities like Logic check, Function test etc.

- Involved in startup activities & shutdown activities.
 - Verify the completed maintenance activities to ensure that the job performed as per requirement and prepare & update maintenance activities log book & sheet.
 - Carried out SAT activities for analyzers & note down punch points.
 - Carry out inspection and exercise vigilance to identify problems related to area assigned and report any problems.
 - Carried out maintenance activities like Preventive maintenance & Corrective maintenance as per Standard Operating Procedure (SOP) and standards to fulfill the requirement of work.
2. I have worked with AIMS in Oman Oil Refineries and Petroleum Industries Company (**ORPIC**) as an **“Instrument Analyzer Supervisor”** from 15/10/2020 to 28/06/2021.
- I have worked in SRU, SCU, PP & Utilities areas.
 - Carried out commissioning activities of newly installed system & Analyzers in **LIWA PLASTIC**.
 - Carried out maintenance activities like Preventive maintenance & Corrective maintenance as per schedule.
 - Carried out **SAT (Site Approval Test)** for Analyzers.
 - Ensure that work is carried out in accordance with complex HSE policy and procedures.
 - Allocating the jobs to instrument technicians team worked with us and check their work as per the drawing provided.
 - Developed Calibration procedure & work instruction for testing of Process Analyzers and ensured compliance by subordinates.
 - Managed Documents like Daily Reports, Calibration Report & Observation Reports.
3. I have worked with The Oman Construction Company (TOCO) in **OMAN LNG** as an **“Instrument Supervisor”** from 11/09/2017 to 07/10/2020.
- I have worked in LNG Trains, Utilities, Storage & Loading areas.
 - Carried out quality maintenance activities like IPF testing, SCE testing, Preventive maintenance, Corrective maintenance and Inspection of instrumentation equipment as per the plan.
 - Allocating the jobs to instrument technicians team worked with us and check their work as per the drawing provided.
 - Routine check, validation & calibration of Online Analyzer like O₂, Moisture, Gas Chromatography (GC), pH, Conductivity, Total Hydrocarbon (THC), Chlorine, Wobbe Index (WI), Continuous Emission Monitoring System (CEMS) etc.

- Daily Collecting & conforming the healthiness of “GAS METERING REPORT” & submit to Senior Metering Engineer.
 - Ensure that work is carried out in accordance with complex HSE policy and procedures.
 - Perform Maintenance activities during plant shutdown and provide support to Operation and Maintenance for Shutdown and Start-up Activities independently or with team.
 - Report or escalate support requirements to Senior Technicians or Supervisor and collaborate with Discipline Engineer and other Departments.
 - Attended call out duties for Troubleshooting and plant Start-up. Shutdown. Start-up sequence checking, monitoring the status in DCS and answer back confirmation.
4. I have worked with Emerson Process Management in **ONGC Petro Addition Ltd.** at Dahej, Bharuch as an “**Instrument Technician**” from 16/01/2017 to 10/09/2017.
- I was working in High Density Poly Ethylene (HDPE) Plant. Assigned for Commissioning activities like loop checking & Function check, troubleshooting of the newly added instrument with Foundation Fieldbus system, Running Plant Maintenance in General shift & Shift Duties.
 - Carried out Preventive and Corrective Maintenance, Calibration of various field instruments as per Standard Maintenance Procedure.
5. I have worked with Hofincons InfoTech and Industrial Services Pvt Ltd. in **Reliance Industries Ltd.** at Hazira, Surat as an “**Instrument Technician**” from 06/08/2013 to 10/01/2017.
- I was working in PSF (CP-11) Plant Project, Commissioning & assigned for Running Plant Maintenance in General shift & Shift Duties.
 - Carried out Preventive and Corrective Maintenance, Calibration of various field instruments as per Standard Maintenance Procedure.
 - Also attended plant shutdown jobs in co-ordination with other departments and shutdown personnel.

Technical Skills

- Quality exposure in handling Operations and Preventive and Corrective Maintenance of instruments, as well as installation & commissioning of Instruments and equipment.
- Worked on wide range of Instruments. Installation, Calibration, Maintenance and Configuration of various type of transmitters like pressure (Rosemount 3051, Yokogawa EJA), Temperature (Rosemount 644, Yokogawa YTA), Flow (Rosemount Micro Motion, Yokogawa YF108 Vortex), Level (Rosemount RADAR, E&H Ultrasonic) etc.

- Carried out Loop Testing and Troubleshooting, Loop Simulation at field and Control room.
- Installation, Calibration and Stroke test of various type of valves (Fisher, Virgo, Dembla, Metso, CCI Drag Valves). Installation of valve accessories as per hook up (Booster relay, Lock up relay, Trip valve, Solenoid, Pilot valve, Air operated valve, Limit switch). Experienced in working with HART & FF Protocol based Control Valve's Positioner.
- Overhauling and Refurbishment of various valves.
- Installation and Configuration of Valve Positioners (Fisher 3582i, 3582, DVC6000, DVC6200, Eckardt SRI986, Metso ND9701). Calibration and Routine Maintenance of ESD Valve with Partial Stroke Test.
- Carried out Installation and Calibration of different types of switches Like Pressure switch (Switzer, Rosemount, Beta), Vibrating fork type level switch (E&H), Float level switch, Magnetic level switch, Temperature switch (Switzer, Danfoss, UE), Flow switch (UFM).
- Calibration, Maintenance and Troubleshooting of Oxygen analyzer (Rosemount 755R, Ametek THERMOX WDG-V, Teledyne 3000T), CO₂ (SICK Mairhak S720), Gas Chromatography-GC (ABB 5000B), Wobbe Index (IMTECH, Hobre WIM COMPAS) etc.
- Calibration, Maintenance and Troubleshooting of liquid Analyzers like pH (Rosemount 5081 & 1056, Yokogawa FLEXA 202), Conductivity (Rosemount 5081 & 1056, Yokogawa FLEXA 202, E+H M CM42), ORP (Rosemount 5081), Chlorine (TOADKK CLF-100, HACH CL17, Yokogawa RC400G & FC500G, SWAN AMI Codes-II CC) etc.
- Hands on experience in Installation of Vibration Sensors on Gas Turbines and Compressors like Proximity probes (Bentley Nevada) for Radial, Axial and Keyphasor (Speed ref.) Measurements and Accelerometers (Bentley Nevada) for Seismic Body Vibration and Proximitors.
- Attended several GE Gas Turbine Shutdowns. Carried out Installation, Removal and Functional test of different Instruments like Thermocouples (Bearings, Wheel space and Exhaust), Magnetic Speed Pick-Up sensors, Vibration probes (Bearings, Gearbox and Casing), UV Flame Detector (Primary and Secondary nozzles).
- Carried out Functional Test of Vibration Loop using TK3 Vibration Calibrators.
- Knowledge of Ladder Logics, Functional Block Logics and Hardwired Relay Logics. Also familiar with P&ID, Instrument loop sheet, Datasheet and Hook-up.
- Ensure that all Trip checking on emergency shutdown systems is carried out and documentation is maintained.
- Ensure all alarm related to "SAFE GUARDING SYSTEM" is initiated on DCS, FGS & MIMIC PANEL.
- Calibration & maintenance of portable gas monitor & prepare calibration report for gas monitor.

- Calibration & validation of HONYWELL OPTIMA PLUS gas detector & open path gas detector.
- Validation & calibration of ABB Gas Chromatograph PGC 5000.
- Commissioning & Testing of YOKOGAWA GC 8000.
- Executed major shutdown jobs of Process Train-1,2,3 and Gas Turbine Generator -3,4,5.
- During this work period, I have used Dead weight tester (Wika), HART 375/475 (Emerson), Brain terminal 200 (Yokogawa), Temperature Bath, Loop calibrator (Druck DPI 620IS), Pressure calibrator (Fluke 718Ex 30G, 300G, Druck DPI605IS, 610IS), Vibration calibration (Bentley Nevada TK-3), Calibration bench (Haven Automation).

IT Skills

- Good experience of MS Word, Excel and PowerPoint.

Attended Training

- Permit to Work as per Industrial standards.
- “Basic of PLC” from Siemens center of excellence, Ahmedabad.
- “Basic of Process Instrumentation” from Siemens center of excellence, Ahmedabad.

Achievements

- Secured 1st rank in IC Engineering from Government Polytechnic (Ahmedabad).

Personal Details

Name : Vishal Harilal Kharsani

Father's Name : Harilal K. Kharsani

Sex : Male

Date of Birth : 08-05-1995

Marital status : Single

Nationality : Indian

Language known : English, Hindi, Gujarati

Declaration

I hereby declare that the information given above is true to the best of my knowledge and belief.

PLACE: SURAT

Vishal H. Kharsani