

RESUME

PATEL VAIBHAV N.

B.E in INSTRUMENTATION & CONTROL ENGINEERING

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➤ Career Objective:

I intend to be a dedicated Engineer willing to work with equally committed and hardworking people, so that I may be able to expand my technical knowledge towards organization's goal achievement with a effective manner.

➤ Work Experience:

❖ Current Organization: **JVS Flow Control Pvt. Ltd.,** Vadodara, Gujarat.

- Duration: From 02/05/2016 to up till dated.
- Designation: Instrumentation Engineer.
- Job work Profile in JVS Flow Control Pvt. Ltd.:
 - Designing of the pneumatic & hydraulic circuits according to the Project requirement.
 - Proposal and Procurement as per customer project requirement.
 - Prepare Instrument related drawing, P & ID, IOM, Calibration procedure, FAT and SAT.
 - QC Inspection of Instruments and preparing reports for FAT, SAT and other QC related job.
 - Flow loop testing of the choke control valve and Cv sizing calculation for choke valve.
 - Installation of Controlling Instruments like Actuators, Positioners, AFR, and Solenoids valves, onto control valve, gate valve, choke valve as per project requirement.
 - Subsequent commissioning & calibration of the controlling instruments with valve assembly as per project requirement.
 - Visit sites for Service troubleshooting & providing technical support for site issues to customers.
 - Documentation Control.
 - Assembly and Hydro Testing of Manual, MOV, Pneumatic , Hydraulic Choke valves, Manual gate valve, HCR and Fail Safe Gate valve, Manual and Actuated Drilling Choke valve, Manual and Actuated Ball valves, Choke and Kill Manifold, as per API 16C and FAT & ITP of valves, ball valves and gate valves as per API 6A.
- Site Worked at:
 - **Adyard Abu Dhabi LLC-Dubai, ZORA Platform, Offshore Dana Gas - Sharjah,** for Servicing, commissioning, calibration & installation of IHB-24 Positioner on Choke.
 - **Cairn India Limited, Rajasthan, India** for erection, commissioning, calibration & installation of Flow serve Electric Actuated Choke valves.

- **PETRONAS Turkmenbasy, Turkmenistan, WDDP-A AND CDDP-A Platform Offshore Turkmenistan** for Servicing, commissioning, calibration & installation of Electro – Hydraulic and Electric operated Rotork Actuator with Choke valves.
- **Murphy Oil Corporation, Patricia Platform (PTSA) Offshore Malaysia** for Servicing, commissioning, calibration & installation of Fisher DVC6200 Positioners on Choke.
- **Murphy Oil Corporation, South Acis Platform (SAPA) Offshore Malaysia** for Servicing, commissioning, calibration & installation of Fisher DVC6200 Positioners.

▪ **Projects Worked On:**

- Installation, Commissioning of Hydraulic Shutdown Control Panel **ENERMECH LTD, UK** Operated double acting hydraulic actuated API 6A Gate Valve, for **Groupment Berkine Sonatrach Algeria.**
- Configuration and Commissioning with calibration of Choke control valve using **PALADON SYSTEMS Electro-Hydraulic Double Acting Actuator**, for PT Aker, **Oman.**
- Configuration and Commissioning with calibration of Choke control valve using **FISHER CONTROLS FIELDVUE DVC6200 Electro-Pneumatic Positioner with Double Acting Actuator**, for Groupment Berkine Sonatrach, **Algeria.**
- **Double Acting Electro-Hydraulic** Actuator automated with API 6A Control Choke valve using **Val Control- IHP24 Hydraulic positioner** with Hydraulic Position Control system for Adyard Abu Dhabi LLC, Dubai.
- **Double Acting Hydraulic** Actuator automated with API 6A Control Choke valve using **Midland ACS- Hydraulic Control system** for BG India Ltd & L & T Ltd.
- **Solar system** Operated Automated API 6A Control Choke valve using **FLOWESERVE LIMITORQUE QX-1 Electronic** Actuator, for Groupment Berkine Sonatrach, **Algeria.**
- Automated API 6A choke valve Using **ROTORK Skilmatic Range Electro-hydraulic Actuator**, for Petronas Cargali (Turkmenistan) Sdn Bhd.
- Configuration and Commissioning with calibration of Choke control valve using **FISHER CONTROLS FIELDVUE DVC6200 Electro-Pneumatic Positioner with Single Acting Actuator**, for Kencana Petroleum & Murphy Sarawak Oil Co. Ltd.
- Configuration and Commissioning with calibration of Choke control valve using **SMAR FY-301 Electro-Pneumatic Positioner**, for Pipeline Actuation and Controls, Australia & OMV, New Zealand.
- **Hydraulic Control Panel** Operated double acting hydraulic actuated API 6A Gate Valve, for Groupment Berkine Sonatrach **Algeria.**

❖ **Organization:** **JVS ENGINEERS**, Vadodara, Gujarat.

- **Duration:** From 08/04/2013 to 25/04/2016.
- **Designation:** Instrumentation Engineer.
- **Job work Profile same as in JVS Flow Control Pvt. Ltd.**

❖ **Organization:** **Unitech Instruments**, Vadodara, Gujarat.

- **Duration:** From 01/11/2012 to 31/03/2013.

- Designation: Project Automation Engineer.
- Job work Profile in Unitech Instruments:
 - Development of ladder logic programming for the automation projects.
 - Development of HMI & SCADA for the automation projects.
 - Installation, commissioning & testing of plc based project on site.
 - Document preparation for the Validation purpose.
 - Visit site for the automation project trouble shooting.
- Projects Worked On:
 - Done a project of **Solvent Reactor** using **Allen Bradely Micrologix LR 1500** PLC by developing ladder logic and **Allen Bradely HMI** software, for Zydus Cadila Ltd, Ankleshwar.
 - Completed a Project of **Steam Sterilizer Plant** using **Xinje** PLC by designing the ladder logic and **HMI** using **Touchwin** software for Ambica Medicare Engineering, Ahmedabad.
 - Completed a project of **Solvent Recovery Process** Using **Allen Bradely SLC 500** PLC by designing the ladder and **SCADA** using **FactoryTalk View Studio** software for Zydus Cadila Ltd, Ankleshwar.
 - PLC worked on Allen Bradely - Micrologix 1400, 1500, SLC 500, Xinje-E- Xr-32, Crouzet series, Basics of Siemens.
 - HMI & SCADA development on Allen Bradely, TouchWIN, FactoryTalk View Studio, Crouzet.

❖ Organization: **A.B. ENGINEERS**, Vadodara, Gujarat.

- Duration: From 10/01/2012 to 30/10/2012.
- Designation: Site Instrumentation Engineer.
- Job work Profile in : A.B. ENGINEERS:
 - Installation, commissioning, and calibration on site for process control instruments.
 - Visit project site for calibration service work at:
 - IFFCO, kalol, Gujarat.
 - Comtech, Samlaya, Jarod, vadodara.
 - GAIL Ltd, Gandhar.
 - GNFC, Ankleshwar.
- Work detail in A.B.ENGINEERS:
 - Calibration of:
 - For Pressure: Pressure Transmitter, Pressure Switch, Pressure Gauge / DP Gauge.
 - For Temperature: RTD-pt100/pt1000, Temperature Transmitter and Thermocouple.
 - Control Valve using **375 & 475 Field Communicator**.
 - Loop Testing and Commissioning of plant.
 - Panel wiring and installation along with loop check.
 - Erection and Commissioning of Gas Conditioning Skid Systems at site projects.

➤ Training:

- NDT Level II
- Undergone **Safety Induction** training for MOC Malaysia.

- Undergone **Safety Induction** training for BG India, Mumbai.
- Undergone **MIS BOSET** (Petronas Approved) training at MSTS Aisa Sdn Bhd (Miri) **Malaysia**.
- Undergone **HUET, PST, PSSR and Firefighting & fire prevention** at School of Synergic Studies Trust, Vikhroli, Mumbai and Marine's Academy, Thane respectively.
- Undergone project cum industrial training at **UNITECH INSTRUMENTS, Vadodara, Gujarat.**
- Undergone Vocational Training In **KRIBHCO Hazira, Surat, Gujarat.**

➤ **Educational Qualifications:**

Examinations	Year	School	Board / University	Percentage
S.S.C	2004	St. Francis of Assisi Convent High School, Navsari, Gujarat.	Gujarat Secondary and Higher Secondary Education Board.	70.00%
H.S.C	2006	St. Francis of Assisi Convent High School, Navsari, Gujarat.	Gujarat Secondary and Higher Secondary Education Board.	62.60%
B.E. (I & C)	2011	Dharmsinh Desai Institute of Technology, Nadiad, Gujarat.	Dharmsinh Desai University.	59.39%

➤ **Personal Information:**

Date of Birth : 24/02/1988.
Languages known : English, Hindi, Gujarati.
Sex : Male.
Mobile : 09638068942.
Passport Number : L5110917 (Exp. on 19/02/2024)
Marital Status : Single.

Address	Permanent	Residential
	5/731, Kaharwad street, Opp. E.F.Kolah, Navsari-396445, Gujarat.	F/302, Vidhyasagar flats, Gangapark Soc., Makarpura- 390010 Vadodara, Gujarat.

➤ **Skills:**

- Calibration and commissioning of Actuated valves like: Electric, Pneumatic, Electro-hydraulic, single acting, double acting.
- Knowledge about calibration of the different process instruments
 - For Pressure: Pressure Transmitter, Pressure Switch, Pressure Gauge / DP Gauge.
 - For Temperature: RTD-pt100/pt1000, Temperature Transmitter and Thermocouple.
 - Control Valve using 375 & 475 Field Communicator.
- Loop Testing and Commissioning of plant.
- Panel wiring and installation along with loop check.
- Erection and Commissioning of Gas Conditioning Skid Systems at site projects.
- Programming of PLC ladder diagrams and HMI/SCADA designing.
- Basic knowledge about DCS.
- Basic of AutoCAD, SolidEdge.

➤ **Strengths:** Positive attitude, Co-operative & Hard working, Self-Learning, Ability of team work.

➤ **Hobbies:** Listening to Music, watching Movies, Travelling.

➤ **Declaration:** I hereby declare that the above information is true to the best of my knowledge.

Patel Vaibhav N.