**SATYAJEET**

**Contact:** +91-9810194621 **E-mail:** [satyajeet.kaushal87@gmail.com](mailto:satyajeet.kaushal87@gmail.com) ; **DOB:** 1st July 1987



Career objective:

*Seeking a challenging and rewarding opportunity with an organization in the business of* ***Automation and process control of Oil & Gas refineries****, which recognizes my true potential and effectively utilizes/ nurtures my excellent analytical and technical skills.*



PROFILE:

* Dedicated, resourceful and innovative **Engineer** having an experience of 6 **years & 9 Months** with good Experience of plant commissioning and maintenance
* Currently spearheading as **Engineer in Pace Process Controls Pvt. Ltd.**
* Confident, growth oriented and optimistic professional with significant experience and skill sets in Maintenance Planning & Execution**.**
* Acquired competencies to manage overall operations with deft application of techno-managerial skills. Proven strengths to enhance process efficiency, exposure in identifying areas of obstruction, adept in applying creativity and innovative ideas to the areas of design development & implementation.
* Leadership qualities with excellent analytical skills and demonstrated capability to effectively use manpower and motivate professionals to maximize levels of productivity.

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**KNOWLEDGE DOMAIN:**

**Field Experience:**

* **Calibration & maintenance of Control Valves & ON/OFF Valves**

Valve: Maintenance and Troubleshooting of Sliding Stem Valves (Globe, Gate and Diaphragm Valves), Rotary Stem Valves (Ball, Butterfly), Power Cylinders, Directional Control Valves and Motorized Valve, Anti surge valve

* **Calibration & maintenance of Transmitters & Indicating Instrument**

a. Pressure Transmitters (DP, Remote Seal)

b. Level Transmitters (Float, Radar, Probe, DP, Nucleonic)

c. Flow Transmitters (Orifice, venturi, pitot tube ultrasonic)

d. Temperature Element (RTD, Thermocouple)

e. Pressure gauge, Level gauge, Pressure Safety Valve

**PROFESSIONAL EXPERIENCE: (6 years 9 Months)**

**INDUSTRY TYPE: HPCL Refinary Mumbai**

Company: Pace process controls Pvt Ltd (Nov 2019-Present)

**Designation –Engineer**

**KEY DELIVERABLES:**

* Execution of field instruments installation like flow, level, pressure, temperature transmitters, switches and gauges as per hook up drawings.
* Calibration of field instruments like flow, level, pressure temperature transmitters and switches, control valve, RTD, thermocouple etc.
* Power up, testing and commissioning of sensors, smart transmitters, controllers and switches.

**INDUSTRY TYPE: VLBP Project (Vinati Organics Ltd) Maharashtra**

Company: Pace process controls Pvt Ltd (Nov 2018-Oct 2019)

**Designation –Engineer**

**KEY DELIVERABLES:**

* Testing & Commissioning of control valves, On-OFF valves
* Execution of field instruments installation like flow, level, pressure, temperature transmitters, switches and gauges as per hook up drawings.
* Calibration of field instruments like flow, level, pressure temperature transmitters and switches, control valve, RTD, thermocouple etc.
* Power up, testing and commissioning of sensors, smart transmitters, controllers and switches.
* Checking DCS I/O (AI, AO, DI, and DO) activities.
* Managed Erection of PLC panels.

**INDUSTRY TYPE: Pet Coke Gasification Plant (Reliance Industries Ltd)**

Company: Pace process controls Pvt Ltd (July 2017-Oct 2018)

**Designation –Engineer**

**KEY DELIVERABLES:**

* Testing & Commissioning of control valves, On-OFF valves
* Involved in Simulation test of motors & pump proving activities.
* Execution of field instruments installation like flow, level, pressure, temperature transmitters, switches and gauges as per hook up drawings.
* Calibration of field instruments like flow, level, pressure temperature transmitters and switches, control valve, RTD, thermocouple etc.
* Power up, testing and commissioning of sensors, smart transmitters, controllers and switches.
* Checking DCS I/O (AI, AO, DI, and DO) activities.
* Managed Erection of PLC panels and installation of I/O cards.

**INDUSTRY TYPE: Coal Gasification Plant, Coke Oven (Jindal Steel & Power Ltd)**

Company: Pace Process Controls Pvt Ltd (March 2012 – June 2015)

**Designation – Testing Engineer**

**KEY DELIVERABLES:**

* Calibration & Maintenance of instruments like Valve, Transmitters.
* Experience on arrangement of DCS marshalling boxes in field side and related cabling from field to DCS marshalling panel in control room side for different AI, AO, DI, DO and good knowledge on trouble shooting from field side to DCS marshalling panel.
* Well versant with Calibration, measurement, maintenance & Installation and field Inspections.
* Familiar with different I/O Stations-Analog, Digital. Sequence of Events (SOE’s).
* Troubleshooting control panel fault during test time.
* Review of Instrument I/O List, overall & detailed ILDs, Schedules & Interconnection diagrams, Instrument specification sheet (ISS), Instrument installation schedule (IIS).
* Drawing review, Coordination with other disciplines.
* Have knowledge in I/O assignment, Cabinet assignment, and Cable termination details with programming skill on open loop / close loop control scheme and logic development**.**
* Good knowledge and understanding of P&ID diagrams, control loop diagrams and interlocks.
* Familiar with different I/O Stations-Analog, Digital. Sequence of Events (SOE’s).
* Troubleshooting control panel fault during test time.
* Review of Instrument I/O List, overall & detailed ILDs, Schedules & Interconnection diagrams, Instrument specification sheet (ISS), Instrument installation schedule (IIS).
* Drawing review, Coordination with other disciplines.
* Have knowledge in I/O assignment, Cabinet assignment, and Cable termination details with programming skill on open loop / close loop control scheme and logic development**.**
* Good knowledge and understanding of P&ID diagrams, control loop diagrams and interlocks

**Post Graduation:**

**M.Tech (Engineering System): July 2015 to June 2017**

* Project Name: SWITCHING POWER CONTROL SYSTEMS USING TOUCH SCREEN
* Description: In modern concept of switching all instruments and devices such as mobile phones, printers, video games, kitchen equipment and industries are touch screen controlled.
* Responsibilities: 1. Design & documentation

2. Research & analysis

3. Hardware recognition & implementation

4. Programming & interface designing.

* Hardware : Microcontroller (ATmega32A), Optocoupler (MCT2E3110), Resistive Touch Screen, Relay



**EDUCATIONAL BACKGROUND:**

* **M.Tech (Engineering System) – 71.16**
* **B. Tech (Electronics & Instrumentation Engineering), Percentage**-67.74%
* **HSC (12th), Percentage: 47.4 ⏹U.P. Borad**
* **SSC (10th), Percentage: 59.5%⏹ U.P. Board**



**PERSONAL INFORMATION:**

**Name :** Satya Jeet

**Nationality :** Indian.

**Date of Birth :** 01/07/1987

**Languages** : English, Hindi.

**Permanent Address:** Arya Nagar, Post Utraula, Dist Balrampur, UP-271604

**Declaration:**

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

**Satyajeet**