

**Onkar Sharan**  
Senior Engineer C&I  
Automation Engineers AB PVT LTD  
Noida

Mobile: +91-9756373233  
Onkarsharan92@gmail.com

### **Career Objective**

To work for progressive organization in a motivating and challenging environment that provides me job satisfaction in utilizing my skills to achieve the organization's goal while achieving my personal goal.

### **Professional summary**

I have 6 years of experience in Control and Instrumentation Engineering. I have worked extensively in Industrial Maintenance and Project Engineering for Process and Co-Generation plant as Senior Engineer. I have Extensive exposure to Maintenance, Installation & Calibration of field Instrument.

### **Academic details**

- B. Tech in Electronics & Control from Sathyabama University in 2013.

### **Professional Experience**

#### **From Dec'19 For Automation Engineers A.B. Pvt. Ltd. Sr. Engineer (Control and Instrumentation)**

AEAB is Siemens authorized channel partners which provide Industrial Automation under one roof, meeting all Electrical and Automation needs of customers. Namely, the solution offered covers applications of PLC, DCS, Electrical Drive, MCC, PCC and Instrumentation.

#### **Responsibilities:**

- Ensure specification requirement and prepare the list of items to be required for I&C at project stage.
- Technical assessment of vendor offers for Instrumentation and Control packages.
- Identification of all control instruments based on process and system requirement for plant operation and their system integration.
- Knowledge of Instrument Index, Data Sheet, IO List, Hook-up drawing, Loop/Wiring Diagram etc.
- Creation of BOM and its validation of C&I Packages.
- Familiar with Process and Instrumentation diagram for turbine and auxiliaries.
- Working experience of turbine control panel and automation system.
- Having good knowledge of installation, calibration of C&I Instruments along with their fault detection and remedies.
- Create and maintain Project Data as per engineering aspects.
- Create Project reports after reviewing, monitoring and discussion with all the assigned persons of the project.
- Working in collaboration with stakeholders i.e. supply chain, project management team to ensure timely

deliverables.

- Knowledge of QA Inspections of various C&I Packages

### **From April'18 to Nov 2019 For DCM Shriram Ltd. as a Sr. Engineer (Control and Instrumentation)**

DCM Shriram Loni Unit has Sugar and bagasse based co-generation power plants with Sugarcane crushing capacity of 7000 TCD and 23 MW power generation.

Certified with ISO Certification for Quality (ISO 9000), Environment (ISO 14000), and Health & Safety (OHSAS 18000)

#### **Responsibilities:**

- Complete status monitoring of Boiler, Turbines & Boiling House, planning, resource utilization, maintenance and man power management.
- Designing ,implementing and commissioning of new control loops as per site requirements
- Automation of Boilers, total Capacity of 120 TPH.
- Automation and Operation of Steam Turbines 12 MW & 13 MW.
- Commissioning & Maintenance of D.C.S. (Distributed Control System).
- Complete automation and operation of mill 6500 TCD.
- Commissioning & Maintenance of Controllers with all A/I, A/O, D/I & D/O.
- Preparation of Components list as per Specifications required, Preparation of Instrument List, Automation Configuration, study Single Line Diagrams.
- Calibration & maintenance of transmitter like:-
  - Pressure Transmitter
  - Temperature Transmitter
  - Flow Transmitter.
  - Differential Pressure Transmitter
  - Level Transmitter
- Calibration of Pressure Gauge, Temperature Gauge, Vacuum Gauge.
- Calibration & Maintenance of Sensors & Control Valve.
- Calibration, Maintenance & trouble shooting of valve accessories like I/P Converter, Positioner, Air Filter Regulator etc.
- Have good knowledge of installation, calibration, loop checking, commissioning, maintenance and trouble shooting of electronics & pneumatic instruments.
- Preparation of Audit documents and certificates of instruments related to ISO and Food safety standards.
- Hands on experience of handling SAP PM module & making of maintenance & breakdown report in SAP.

#### **Awards:**

- Received appreciation from my Manager and Unit head for completing ETP Project successfully.
- Appreciated for successful completion of Fire protection system and commissioning of turbine in Distillery.

**From August'14 to March'18 For Triveni Engineering & Industries Ltd**

Triveni Sugar Unit Sabitgarh has Sugar and bagasse based co-generation power plants with Sugarcane crushing capacity of 6000 TCD, 12 MW power generation.

**Responsibilities:**

- Handle the complete status monitoring of Boiler, Turbines & Boiling House, planning, resource utilization, maintenance and man power management.
- Designing ,implementing and commissioning of new control loops as per site requirements
- Automation of Boilers, total Capacity of 85 TPH.
- Automation and Operation of Steam Turbines 6 MW & 6 MW.
- Complete automation and operation of mill 6500 TCD.
- Commissioning & Maintenance of Controllers with all A/I, A/O, D/I & D/O.
- Calibration & maintenance of transmitters, Pressure, Temperature and Vacuum gauge.
- Calibration & Maintenance of Sensors & Control Valve.
- Calibration, Maintenance & trouble shooting of valve accessories like I/P Converter, Positioner, Air Filter Regulator etc.
- Have good knowledge of installation, calibration, loop checking, commissioning, maintenance and trouble shooting of electronics & pneumatic instruments.
- Shift operations and troubleshooting.

**Awards:**

- Appreciated for successful completion of commissioning of 6MW turbine.
- Appreciated for successful shift operation of plant with zero breakdowns.

**Trainings Attended:**

<b>Technical:</b>	DCS Architecture, Calibration of field Instruments, Siemens TIA Selection Tool of PLC
<b>Soft Skill</b>	Basic of ABB 800 xA DCS Programming.

**Personal Details:**

- Date of Birth                      5<sup>th</sup> Aug 1992
- Sex                                      Male
- Marital status                      Married
- Nationality                              Indian

The information provided above is true to the best of my knowledge.

**Onkar Sharan.**