

PRABHAT SHARMA

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(INSTRUMENTATION ENGINEER)

Enthusiastic, assignments in Maintenance, Project with reputed organization in Chemical industry.

## SUMMARY

- 1.2 Years of experience as an engineer in Instrumentation and control systems, detailed maintenance, designing, projects, erection and commissioning, planning and budgeting, shutdown activities, selection, development and coordination of instrumentation and control systems in chemicals plant.

## ORGANISATIONAL DETAILS

Organization	Designat on	Durat on
SRF limited dahej Gujarat	Instrumentation Eng.	08/2023 to 08/2024
Yadu Sugar Mills Ltd Bisholi Uttar Pradesh	Instrumentation Eng.	06/2023 to 08/2023

## TECHNICAL SKILL DETAILS

Experience in the field of Maintenance, Projects, Calibration and Installation in field instrumentation, Aanalytical instruments as well as working on DCS, and SCADA systems.

- DCS SYSTEM – Emerson Delta V.  
Fault finding, Diagnosis checking, Configuring IOs assign, Creating Module, Developing graphics  
Downloading to controller, Loop checking, Simulation  
Graphics designing, IO assignment, New Module Creations, Interlock addition, Hardware replacement,  
Network and communication related Hardware replacement and troubleshooting, Downloading to  
Controller, Loop checking, Simulation.
- To provide support for plant maintenance in Production. Plants ensuring conformance to company norms, regulations on Safety & Environment protection & ISO requirement in all areas of operations.
- monthly planning, Weekly planning, on daily basis re ports and Analyses
- Creation of RCA problem solving of major breakdown.
- Planning scheduling and executing of PM activity.
- FIELD INSTRUMENT

FLOW: Mass Flow Meter, Magnetic Flow Meter, Vortex Flow Meter, DP Orifice  
 Make- E&H, Rosemount, ABB, Yokogawa  
 LEVEL: Radar, Ultrasonic, Capacitance, DP type, DP type remote seal.  
 Make- Siemens, Vega, Endress & Hauser, Pepperl & Fuchs  
 LEVEL SWITCH: - Fork type, Conductivity, magnetic float, ultrasonic, float type  
 Make- Vega, Endress & Hauser, Danfoss, Nevo.  
 PRESSURE SWITCH: Diaphragm, Piston, Diaphragm-sealed piston, Bourdon tube, DP type.  
 Make- Honeywell, Baumer, Danfoss, Siemens.  
 PRESSURE Absolute PT, vacuum PT, gauge PT, Pressure Switches, Pressure regulators. Make-  
 Rosemount, Yokogawa.  
 TEMPERATURE RTD PT-100, PT-1000, Thermocouple, thermistors, Temperature Transmitter. Make-  
 Masibus, Radix, Tempson, Inor.  
 CONTROL VALVE: Globe, Diaphragm, Ball, Butterfly valves  
 Make-Samson, Richter, Uniflow, fisher, Technik, Dembla.  
 POSITIONER: ABB, Samson. Siemens siparto ps2  
 ON-OFF TYPE On-Off valves. Make-Virgo, Rotex.  
 CYLINDER PNEUMATIC: Festo, SMS, AIGNEP (ITALY).  
 GAS DETECTOR: Chlorine, HCL, Hydrogen, SO2.  
 Make- Honeywell, Endress & Hauser.  
 PENUMATICS SYSTEM: SOV, Cylinders, pneumatics positioner, Tubing, Push-Pull fittings, etc.  
 ANALYZER: Stack monitoring system CEMS, CL2 analyser, HCL analyser, O2 Analyser, H2 purity, pH&  
 Conductivity meter make-E&H, ABB, Environment ESA.

## PROJECT ACTIVITIES

- Implement and supervise the field instrumentation works for construction, test & commissioning.
- Ensure the completion of pre-mechanical activities all instrument and control equipment are reinstalled & functioning as needed for initial quality.
- Creation Instrument Specification sheet; Instrument Index. JB scheduling and I/O details.
- Interlock logic sheet, IO assignment, Instrument Sizing sheet.
- Scheming of cable tray lay out.
- BOM, Scope of work. (Cable, cable trays, JB's, Glands, fittings, piping, field instruments, control system)
- Duties involved, Design of control system, hook-up, loop check, and parameter configurations, calibration, and functional test are completed as per schedule during commissioning phase of project.

- Coordinating with vendors, instrument construction supervisor and team to execute work as per plan.
- Inspection audit of field instruments at vendors.

## ACADEMIC DETAILS PROJECT ACCOMPLISH

Examinat on	Discipl ne/ Specialization	School/college	Board/ University	Year of Passing	% Marks
Diploma	Instrumentation and control engineering	Govt. Polytechnic College, Pilibhit Uttar Pradesh	Uttar Pradesh board of technical education	2023	76.63
Intermediate	PCB	Munna Lal inter College Wazirganj Budaun (UP).	UP Board	2020	60
High School	All subjects	Munna Lal inter College Wazirganj Budaun (UP).	UP Board	2018	60

## DECLARATION

I do hereby declare that the particulars of information and facts stated herein above are true, correct and complete to the best of my knowledge and belief. I place my thanks with a hope to be interviewed personally.

Place: Uttar Pradesh

Mr.Prabhat Sharma