NADEEM ALAM

INSTRUMENTATION ENGINEER

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professional profile

Results-driven **Instrumentation Engineer** with **9.5 years** of experience in **erection**, **commissioning**, and **maintenance** of instrumentation and process control systems for medium and small-scale projects. Proficient in ensuring safety, quality, and timely project completion while fostering strong customer relationships to enhance satisfaction. Skilled in analyzers, DCS/PLC systems, calibration, and troubleshooting with a proven track record of exemplary leadership, decision-making, and high-performance

education

May 2013

BACHELOR OF TECHNOLOGY IN INSTRUMENTATION ENGINEERING

WBUT, West Bengal, IN

CGPA: 7.8/10.0

professional experience

Apr 2021 – Present

INSTRUMENTATION ENGINEER | Ahmedabad, Gujarat, IN

- Present Spearhead erection and commissioning of instrumentation and process control systems for medium-scale projects, achieving 98% on-time completion rate
- Lead calibration and maintenance of analyzers (DO, pH, TSS, O&G, Turbidity) and process plant instruments, ensuring compliance with industry standards
- Troubleshoot and optimize DCS/PLC systems, reducing downtime by 15% through proactive logic analysis and resolution
- Foster strong customer relationships by addressing concerns and incorporating feedback, improving client satisfaction scores by 20%
- Drive safety and quality initiatives, achieving zero safety incidents across multiple projects
- Make data-driven decisions by analyzing project metrics and historical data to select optimal solutions, enhancing operational efficiency

Jan 2016 – Feb 2021

INSTRUMENTATION ENGINEER | Barauni, Bihar, IN

- Executed instrumentation installation and commissioning for small-scale process plants, ensuring 100% adherence to project timelines and budgets
- Performed hands-on calibration of flow, pressure, temperature, and level instruments, maintaining accuracy within ±0.5% of specifications
- Developed and debugged DCS/PLC logic for process automation, improving system reliability by 10%
- Collaborated with cross-functional teams to resolve customer issues, increasing repeat business by 25%
- Mentored junior engineers, fostering a culture of accountability and high performance

technical skills

Control Systems: DCS (Honeywell, Siemens), PLC (Allen- Bradley, Siemens)

Analyzers: DO, pH, TSS, O&G, Turbidity

Instruments: Flow, Pressure, Temperature, Level Transmitters

Calibration Tools: HART Communicator, Fluke Calibrators

Software: AutoCAD, MS Word, MS Excel, MS PowerPoint, SCADA

Standards: ISA, IEC, ISO