Process Technical Services
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Process Control Engineer

The Process Control Engineer is responsible for designing, implementing, monitoring, and optimizing process control systems to improve operational efficiency, reliability, safety, and performance. This role works closely with operations, engineering, instrumentation, and maintenance teams to ensure control strategies and automation systems support stable and efficient plant operations.

Responsibilities

- Design, develop, and optimize process control strategies for industrial systems and operations.
- Monitor process performance and analyze data to identify opportunities for improved efficiency, reliability, and quality.
- Configure, troubleshoot, and support control systems including DCS, PLC, SCADA, and HMI platforms.
- Collaborate with operations and engineering teams to resolve process control issues and improve system performance.
- Develop and tune control loops, alarms, interlocks, and automation logic.
- Support system startups, shutdowns, upgrades, and commissioning activities.
- Review P&IDs, control narratives, cause-and-effect diagrams, and technical specifications.
- Ensure control systems comply with safety, environmental, and regulatory requirements.
- Maintain documentation for control system configurations, changes, and procedures.
- Support continuous improvement and digital automation initiatives.

Qualifications

- Bachelor’s degree in Chemical Engineering, Electrical Engineering, Control Systems Engineering, or related field required.
- 10+ years of experience in process control, automation, or industrial engineering preferred.
- Strong knowledge of process control principles, instrumentation, and automation systems.
- Experience with DCS, PLC, SCADA, HMI, and advanced process control tools preferred.
- Strong analytical, troubleshooting, and problem-solving skills.
- Excellent communication and cross-functional collaboration abilities.