

# Job Description: Process Engineer

Job Title: Process Engineer

Location: [City, State/Country]

Department: Engineering/Operations

Job Type: Full-Time

Reports To: Engineering Manager / Plant Manager

## Job Summary:

We are seeking a highly motivated Process Engineer to design, implement, and optimize industrial processes and systems.

The ideal candidate will analyze workflows, identify process improvements, reduce inefficiencies, and support production

goals while maintaining safety and quality standards.

## Key Responsibilities:

- Develop, evaluate, and improve manufacturing processes to increase efficiency, quality, and cost-effectiveness.
- Monitor, troubleshoot, and analyze process performance data and implement corrective actions.
- Lead continuous improvement projects using Lean, Six Sigma, or other process optimization methodologies.
- Collaborate with cross-functional teams including production, maintenance, quality, and safety.
- Design and implement process control systems, instrumentation, and automation solutions.
- Support the commissioning of new equipment and technologies.
- Maintain documentation such as process flow diagrams (PFDs), standard operating procedures (SOPs), and technical reports.
- Ensure all processes comply with health, safety, and environmental regulations.

#### Qualifications:

- Bachelor's degree in Chemical Engineering, Mechanical Engineering, Industrial Engineering, or related field.
- 2+ years of experience in a process or manufacturing engineering role (entry-level considered with internships).
- Strong understanding of process control, quality standards, and industrial equipment.
- Experience with CAD software, process simulation tools, and data analysis.
- Knowledge of Lean Manufacturing and Six Sigma methodologies is a plus.
- Excellent problem-solving, communication, and project management skills.

#### Preferred Skills:

- Proficiency in statistical analysis and process improvement tools (e.g., Minitab, JMP).
- Experience in [industry-specific domain, e.g., food processing, petrochemicals, pharmaceuticals, automotive].
- Familiarity with ERP systems and manufacturing execution systems (MES).

#### Work Environment:

- [Describe if the job involves time in the plant/factory floor, remote/hybrid options, travel, etc.]

Salary: Competitive, based on experience.

Benefits: [Health, dental, retirement, PTO, etc.]