



Process Technical Services
14550 Torrey Chase Blvd, Ste 220
Houston, TX 77014
1 (800) 426-2317
www.ProcessTechnicalServices.com

Senior Maintenance Engineer

The Senior Maintenance Engineer provides mechanical engineering and maintenance planning support for the design, construction, start-up, and operation of chemical manufacturing facilities, including multiple interconnecting equipment and process units. This role is responsible for identifying, developing, designing, and implementing equipment and maintenance systems in collaboration with technology licensors, engineering contractors, consultants, manufacturing representatives, Operations, and cross-functional project teams.

Responsibilities

- Identify, develop, design, and implement equipment and mechanical systems in collaboration with technology licensors and major engineering contractors.
- Provide mechanical design and start-up support for major capital projects.
- Lead and direct the work of contractors and consultants.
- Apply experience and judgment to plan and achieve performance targets.
- Develop and implement improvements to maintenance procedures and systems to increase equipment reliability, improve production, and reduce costs.
- Determine root cause of equipment problems and lead implementation of permanent solutions.
- Develop reliability-centered specifications, standards, and improvement programs.
- Maintain engineering and maintenance documentation.
- Support FEL2 and other project design phases by working with engineering contractors, manufacturing representatives, and technology licensors.
- Provide technical maintenance assistance to maintain or improve safety and environmental compliance.
- Establish and foster strong working relationships with engineering consultants, technology providers, manufacturing representatives, and other key interfaces.

Qualifications

- Identify, develop, design, and implement equipment and mechanical systems in collaboration with technology licensors and major engineering contractors.
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