

Engineering Manager – Oilfield Service Professionals (OSP)

Oilfield Service Professionals (OSP) is seeking a strategic and technically adept Engineering Manager to lead the design and development of specialized downhole tools and equipment for well construction and well intervention operations. This leadership role is responsible for driving innovation, ensuring engineering excellence, and managing a high-performance team of engineers in delivering reliable solutions for demanding oilfield environments, including deepwater Gulf of Americana operations.

Key Responsibilities

1. Leadership & Strategy

- Lead and manage the Engineering Department, overseeing a team of design engineers and technical staff.
- Align engineering goals with company strategy, driving innovation in tool design and product development for well construction and intervention.
- Prioritize and allocate engineering resources based on project timelines and strategic priorities.
- Foster a culture of technical excellence, safety, collaboration, and continuous improvement.

2. Product Development Oversight

- Guide the conceptualization, design, and optimization of oilfield tools including packers, floatation subs, and other downhole technologies.
- Oversee the generation and approval of detailed engineering drawings, models, and specifications using CAD software (e.g., SolidWorks).
- Ensure product development processes are scalable and meet commercial, technical, and operational expectations.

3. Technical Review & Validation

- Review and approve engineering calculations, FEA simulations, and test plans to ensure safety, durability, and performance of tools in high-pressure, high-temperature environments.

- Lead root cause analyses and design changes based on testing, prototyping, or field performance feedback.

4. Cross-Functional Collaboration

- Work closely with Operations, Quality, Supply Chain, and Manufacturing to ensure designs are manufacturable, cost-effective, and aligned with field requirements.
- Coordinate with Sales and Product Line teams to translate customer needs into technical solutions.

5. Compliance & Standards

- Ensure all engineering activities and product designs comply with industry standards (e.g., API, ISO), as well as internal quality and safety protocols.
- Serve as the primary liaison for technical audits and engineering documentation reviews.

Qualifications

- Bachelors in mechanical engineering or related discipline.
- 7-10+ years of experience in oilfield equipment design, with at least 2 years in a leadership role.
- Proven experience in managing engineering teams in the oil and gas sector, particularly in tool development for well construction and/or intervention.
- Proficiency in CAD platforms, ideally SolidWorks, and experience with FEA tools and testing methodologies.
- Deep understanding of downhole tools, materials, and applications in extreme environments (e.g., deepwater wells).

Key Competencies

- **Leadership:** Strong team management and mentorship abilities.
- **Technical Expertise:** Deep knowledge of oilfield tool design and performance requirements.
- **Analytical Acumen:** Proficient in engineering analysis, troubleshooting, and problem-solving.
- **Communication:** Effective in coordinating across disciplines and presenting technical findings to leadership.
- **Innovation Mindset:** Ability to foster and guide creative solutions from ideation to implementation.