

JOIN OUR TEAM TODAY

Drilling Tools International, Inc. has quickly become the leading supplier of drilling tools for the global oil and gas industry. We recognize that our people are our greatest strength. Enthusiastic, passionate team members dedicated to being a part of our family is key to our success. We are committed to providing a safe, respectful work environment that cultivates a unified spirit – an atmosphere where our team works together for the common goal of providing the highest quality products along with excellent customer service. Drilling Tools International's recruiting is managed at the regional level. Feel free to call your local regional office to inquire about additional openings. We also post opportunities on our LinkedIn page.

APPLY HERE



Drilling Tool Optimization Engineer – Houston, TX

Join Our Engineering & Operational Support Team at Drilling Tools International

Drilling Tools International is experiencing rapid growth, driven by cutting-edge technology development and strategic acquisitions. To support this momentum, we're expanding our **Engineering and Operational Support team** and seeking a **qualified, driven professional** to join us.

In this exciting role, you'll play a key part in the **continuous development and enhancement** of our extensive **directional tool rentals** portfolio. You'll collaborate with a talented team to deliver innovative solutions to customers across **North America and around the globe**.

If you're passionate about engineering excellence and thrive in a fast-paced, evolving environment, we want to hear from you. Join us and be part of a company that values innovation, teamwork, and customer success.

Apply today and take the next step in your career with Drilling Tools International.

Education:

- BS or MS Petroleum, Reliability or Mechanical Engineering or Equivalent.
- Registered Professional Engineer certification is encouraged and a plus.

Experience:

- 5-10 years industry experience in downhole tool engineering and design
- Directional drilling applications and basic understanding of Bottom Hole Assemblies, Reamers, PDC cutting tools and bits.
- Preferred experience directly in API and oilfield tubulars, drilling components, technical services, product development.
- Experience with DrillScan™ software or similar drilling software.
- Experience in FEA, FMEA, PFMEA, RCA and CFD a plus.
- Experience in machining and manufacturing are beneficial.
- Experience in conducting reliability testing and validation.
- API and ISO experience are preferred.
- Working knowledge and demonstrable application of applicable international codes and standards (e.g., ASME, ANSI, ISO).

Helpful Experience but not required:

- Experience with hot-working metal and welding.



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INTERNATIONAL

drillingtools.com

*Drilling Tools International is an
equal opportunity employer.*

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LOCATIONS

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- Detailed experience with Bottom Hole Assembly components and accessories including Downhole Motors, Subs, Stabilizers, Non Magnetic Drill Collars, and MWD equipment.
- Experience in customer interaction, PowerPoint presentations and active product development
- Experience in qualifying vendors and vendor material specifications a plus.
- Deepwater client experience with operators and directional drilling service companies.

Qualifications:

- Must be able to multi-task yet maintain an efficiently organized work process.
- Ability to set priorities in a fast-paced environment.
- Must present excellent written and verbal communication skills.
- Must have strong people skills for coordinating between multiple departments and service centers.
- Technical support for DTI sales team and district managers.

Key Responsibilities / Essential Functions of the Position:

- Support an engineering team that can provide drilling analytics and post run analysis.
- Develop Reliability Engineering to support the Quality Dept by analyzing equipment failure data, conducting root cause analysis and developing and implementing new procedures and processes.
- Support engineering personnel educational development as it relates to wellbore construction that includes DTI product offerings.
- Support Operations in the running of downhole data loggers including post run analysis and lessons learned reporting.
- Be in position to effectively communicate Bottom Hole Assembly (BHA) recommendations when requested or if operational circumstances require DTI input and analysis.
- Analyze failures and implement design, manufacturing processes, or material changes to optimize current designs.
- Engage in design and development of new and improved downhole tools.
- Actively develop and continuously improve upon our internal process to control design and manufacture of our rental and sales products.
- Responsible for aligning and cooperating with all QA/QC requirements and processes.
- Work directly with QA/QC Director to embed technical services and engineering in the fabric of the company Quality program.
- Provide Operations Support with Sales and Operations.
- Cooperate with our COMPASS management system development team.
- Various special projects and Other Duties assigned.

Competitive wages and complete benefit package offered. Resumes may be submitted to HR@drillingtools.com with the subject line of: Drilling Tool Optimization Engineer - Houston.



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