

Diamond Infrastructure Solutions

Join our Infrastructure Engineering Team

Overview

Diamond Infrastructure Solutions (Diamond) is a U.S.-based company that builds and manages infrastructure to support advanced manufacturing, with a strong focus on reliability and customer service. Unlike Dow, which creates materials used in everyday products, Diamond helps run the facilities where those materials are made. Backed by Dow and Macquarie Asset Management, Diamond offers college students opportunities to work on real-world projects in engineering, operations, and sustainability.

Diamond Infrastructure Solutions doesn't just support industry—it helps shape it.

With deep expertise in infrastructure and a strong commitment to operational excellence, Diamond Infrastructure Solutions (Diamond) builds and maintains the systems that power advanced manufacturing.

As a Diamond engineer, you help drive industrial innovation by designing smarter systems and strengthening manufacturing infrastructure for greater efficiency and resilience.

Locations

Freeport, Texas
Hahnville, Louisiana
Plaquemine, Louisiana
Seadrift, Texas
Texas City, Texas
USGC Midstream Assets

Why Choose Diamond Infrastructure Solutions Engineering

Diamond Infrastructure Solutions (Diamond) offers the opportunity to solve real-world challenges in manufacturing infrastructure with a focus on innovation, safety, and sustainability. Backed by Dow and Macquarie, it provides transparent career paths and hands-on experience for both early-career professionals and students.

DOW

Job Roles On Offer

As an engineer, you will fill one of several technical resource roles, providing technical support to plant operating personnel to maintain safe, reliable, and efficient operations.

- **Chemical engineers** work across production, process, automation, and project roles to enhance manufacturing operations. Their responsibilities include solving process issues, improving safety and efficiency, reducing waste, and implementing new technologies.
- **Electrical engineers** contribute to production operations, hardware design, and reliability efforts by leveraging expertise in electrical systems and instrumentation. Their scope includes diagnosing equipment issues, refining maintenance strategies, enhancing safety protocols, and deploying innovative technologies to improve performance and reduce costs.
- **Environmental engineers** apply engineering and environmental science principles to support safe, compliant, and sustainable operations. Their work includes pollution control, waste and water treatment improvements, emissions reduction, environmental assessments, and regulatory compliance across field, lab, and office settings.
- **Improvement engineers** support plant operations by leading continuous improvement efforts that maximize asset value, strengthen process safety, and improve production efficiency. They apply data-driven problem solving, collaboration, and change management to identify opportunities, eliminate losses, and deliver sustainable performance gains.
- **Mechanical engineers** support production operations, hardware design, maintenance, and project engineering by applying technical knowledge to improve processes and equipment reliability. Their work spans troubleshooting, predictive maintenance, failure analysis, safety enhancements, and the integration of new technologies.

Job Role Expectations

- **Core Skills** - Strong problem-solving, math and science proficiency, and clear technical communication.
- **Experience & Training** - Internships or co-ops are recommended, but on-the-job training is provided.
- **Work Environment** - Field settings, office, and lab; safety and regulatory compliance are essential.
- **Technology** - Use of engineering software, instrumentation, and automation tools expected, but on-the-job training is provided.



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