



Sustainability Engineer

Sustainability Engineer is responsible for monitoring industrial operations, including the efficiency of processes and the performance of tools and equipment, ensuring high-quality deliverables for business objectives. Sustainability engineers evaluate the safety and security of the operations, strategizing techniques to manage potential hazards that may cause delays in production. They also work with the management to identify opportunities to maximize productivity and maintain cost-reduction procedures, especially on materials and equipment. A sustainability engineer handles operational issues, as well as assessing incident reports for immediate resolution.

ESSENTIAL DUTIES AND RESPONSIBILITIES

- Monitor and evaluate effectiveness of sustainability programs.
- Develop or execute strategies to address issues such as energy use, resource conservation, recycling, pollution reduction, waste elimination, transportation, education, and building design.
- Develop, or oversee the development of, sustainability evaluation or monitoring systems.
- Supervise employees or volunteers working on sustainability projects.
- Develop sustainability reports, presentations, or proposals for supplier, employee, academia, media, government, public interest, or other groups.
- Develop, or oversee the development of, marketing or outreach media for sustainability projects or events.
- Identify and evaluate pilot projects or programs to enhance the sustainability research agenda.
- Create and maintain sustainability program documents, such as schedules and budgets.
- Formulate or implement sustainability campaign or marketing strategies.
- Research environmental sustainability issues, concerns, or stakeholder interests.
- Direct sustainability program operations to ensure compliance with environmental or governmental regulations.
- Evaluate and approve proposals for sustainability projects, considering factors such as cost effectiveness, technical feasibility, and integration with other initiatives.
- Develop methodologies to assess the viability or success of sustainability initiatives.
- Ensure compliance with ISO 9001 and AS9100 in regard to configuration management, process control and quality management.
- Other duties as required

BASIC QUALIFICATIONS, EXPERIENCE, SKILLS AND EDUCATION REQUIRED

- Bachelor of Science in Engineering minimum; Masters or PhD desired
- 3-15 years of experience, preferably in a semiconductor manufacturing environment
- Semiconductor manufacturing experience to include thin films, photolithography, wet/dry etch, or metrology is strongly desired
- Skills required include Requirements Analysis, Design Skills, Project Management, Manufacturing Methods and Procedures, Process Improvement, Technical Understanding, Documentation Skills, Total Productive Maintenance and Safety Management for small to medium sized businesses.

ITAR/EAR CRITERIA

- This position will require lawful access to ITAR/EAR controlled information and employees in these roles will need to meet those requirements. Requirements include US Citizenship, US Permanent Resident or ability to meet contract-specific licensure requirements.

EMPLOYMENT CATEGORY

- Regular full-time

LOCATION OF EMPLOYMENT

- Albuquerque, NM

Send CV via email to careers@3DGSinc.com