



Equipment Engineer

Job description

We need an Equipment Engineer that will source, install and qualify the complex capital equipment to sustain the on-site backend electronic manufacturing - assembly, test and screening at our Leominster facility. Our semiconductors are used in space and defense applications. We package semiconductors to ensure that they meet the rigors of outer space and harsh environment. In this role you will ensure that we have the correct equipment to secure the highest performance. Join our growing team today!

In your new role you will:

- **Source, procure, install and qualify new and existing capital equipment** for our backend semiconductor production lines
- **Manage multiple projects** ensuring that they stay **on time and within budget**
- Work with Process Engineers and the Maintenance team to **create or optimize PM programs for new equipment**
- Work closely with key stakeholder including Facilities, EHS, Industrial Engineering and Operations to **ensure new equipment meets all our facility requirements**. Provide updates to key management
- **Recommend Capex roadmap; selection, purchase and qualification of new manufacturing equipment**
- **Design tools and develop procedures to reduce manufacturing variability** and ease operator processes and training
- Drive improvements to the capital equipment purchasing and qualification processes
- Assist the Maintenance Supervisor with complicated equipment down issues
- Support other responsibilities that may be assigned depending on business need

Profile

You are best equipped for this task if you have:

- Bachelor of Science (or equivalent) degree in engineering, such as Mechanical, Electrical, Electronics, Robotics, Mechatronics, or Computer Engineering
- Minimum of 3 years' experience in installing and qualifying capital equipment
- Knowledge of IQ OQ PQ protocols (Installation Qualification, Operational Qualification, Performance Qualification) preferred
- Knowledge of semiconductor backend processes, such as die attach, wire bond, package sealing, lead, finish, trim and form, and mechanical assemblies preferred

At a glance

Location: **Leominster, MA (United States)**
Job ID: **355618**
Start date: **Aug 15, 2022**
Entry level: **5+ years**
Type: **Full time**
Contract: **Permanent**

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Job ID: **355618**
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- Statistical tools, ideally using Minitab, to ensure process equivalence of new equipment
- Experience in leading continuous improvement teams and optimistic in managing and implementing changes
- Worked with other teams to deliver customer commitments on manufacturing engineering projects and tasks
- Strong multi-tasking and prioritization skills. Effective in defining schedules and project completion
- Experience working in fast-paced and dynamic manufacturing environment. You must be a self-starter, and a fast-learner

Infineon **Power & Sensor Systems (PSS)** semiconductors play a vital role in enabling intelligent power management, smart sensitivity as well as fast and reliable data processing in an increasingly digitalized world. IR HiRel, part of Infineon PSS, is a leader in high-reliability, rad hard power management and RF solutions for space and other extreme environments.

Our leading-edge power devices make chargers, adapters, power sources and lighting systems smarter, smaller, lighter and more energy-efficient. Our trusted sensors increase the context sensitivity of “things” and systems such as HMI, and our RF chips power fast and reliable data communication.

– We drive leading-edge power management, sensing and data transfer capabilities –

[Click here](#) for more information about working at PSS with interesting employee and management insights and an overview with more #PSSDreamJobs.

Benefits

- **Leominster, MA:** Medical, Dental & Vision Plans; Flexible Reimbursement Accounts (FSAs); Industry leading 401k Employer Contribution/Match; Company Performance Bonus; Holiday Pay & Paid Time Off (PTO); Flexible Working Conditions, Part-time Options; Different career paths: Project Management, Technical Ladder, Management & Individual Contributor; Wide range of Training Offers & Career Development Planning; Coaching, Mentoring, Networking Possibilities; International assignments; Basic Life & Dependent Life Insurance; Paid Sick Leave, Accidental Death & Disability Insurance (AD&D); Short-term & Long-term Disability; Employee Assistance Program (EAP); Health Promotion Programs; Reduced Price for Public Transportation

Why Us

Part of your life. Part of tomorrow.

Infineon is a world leader in semiconductor solutions that make life easier, safer, and greener. Our solutions for efficient energy management, smart mobility, and secure, seamless communications link the real and the digital world.

IR HiRel Products Inc. is an equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex (including pregnancy, childbirth, or related medical conditions), gender identity, national origin, ancestry, citizenship, age, physical or mental disability, legally protected medical condition, family care status, military or veteran status, marital status, domestic partner status, sexual orientation, or any other basis protected by local, state, or federal laws. Applicants with questions about access or requiring a reasonable accommodation for any part of the application or hiring process should contact the Talent Network by phone at (408) 503-2194.

Employment at Infineon is contingent upon proof of your legal right to work in the United States under applicable law, verification of satisfactory references and successful completion of a background check and drug test, and signing all your on-boarding documents.



In some instances, if applicable, U.S. export control laws require that Infineon obtain a U.S. government export license prior to releasing technologies to certain persons. This offer is contingent upon Infineon's ability to satisfy these export control laws as related to your employment and anticipated job activities. The decision whether or not to submit and/or pursue an export license to satisfy this contingency, if applicable, shall be at Infineon's sole discretion.

IMPORTANT NOTICE:

Infineon is requiring all new U.S. employees and contractors to be fully vaccinated against COVID-19. Full vaccination is defined as two weeks after both doses of a two-dose vaccine or two weeks since a single-dose vaccine has been administered. Anyone unable to be vaccinated, either because of a sincerely held religious belief or a medical condition or disability that prevents them from being vaccinated, can request a reasonable accommodation.

Infineon Technologies takes data privacy and identity theft very seriously. As such, we do not request personally-identifiable information (PII) from applicants over the internet or electronically. Please kindly refrain from disclosing your PII electronically during the application process or to unauthorized websites that may purport to be Infineon or any of our affiliates.

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