



Engineering Technician II Equipment Installation Technician– Semiconductor

Canon U.S.A. Industrial Products Division supplies i-line and Deep UV (DUV) lithography systems that are used in the fabrication and packaging of high-tech devices including integrated circuits, hard disk read/write heads, Microelectromechanical Systems (MEMS) devices, image sensors, displays, power devices and LEDs.

Canon U.S.A., Inc. has an exciting opportunity to install and support our photolithography equipment in various customer locations. Canon's lithography equipment (steppers and scanners) enables our customers to utilize cutting edge technology in their semiconductor manufacturing process.

Use your hands on experience to take the next step in your career supporting a variety of customers!

- Provide technical support from preparation to completion of installation
- Perform hands on installation of equipment at customers' sites
- Calibrate and optimize equipment performance
- Maintain accurate documentation of activities and provide progress reports
- Maintain tooling, parts, and supplies
- Provide training on the job, and assist less experienced technicians
- Maintain equipment after installation
- Escalate repair problems to senior level technicians as needed

Qualifications:

- Typically requires Associate's degree in technical field or equivalent experience plus 2-3 years of related experience. Bachelor's degree in EE, ME, Electro-Mechanical Engineering or equivalent preferred.
- May require upwards of 60% car, air and overnight travel (valid driver's license and acceptable driving record necessary) and ability to work flexible shifts.
- Proficiency with Word, Excel, and PowerPoint
- Must have working knowledge of installation related facility systems
- Requires ability to lift up to 30 pounds individually and for lifting over 30 pounds assistance may be available.
- Substantial amount of standing, walking, typing, grasping, talking and hearing.
- Substantial amount of driving required, sometime for multiple hours at a time.
- Occasionally kneeling, crouching, stooping, reaching, pushing, pulling and climbing stairs or ladder.
- The worker is required to have close visual acuity with or without corrective lenses for extensive reading; visual inspection involving small defects, small parts, and/or operation of machines (including inspection); using measurement devices; and/or assembly or fabrication parts at distances close to the eyes.
- Working primarily in a cleanroom environment (wearing full clean room suit, facemask, gloves, safety glasses)
- The work environment may include a variety of physical conditions such as proximity to moving mechanical parts, electrical current, working on scaffolding and high places, exposure to chemicals, ultraviolet light and lasers, working in enclosed spaces, close quarters, narrow aisles or passageways.
- The work environment may include working in highly time sensitive situations requiring quick resolution including equipment problems.

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