



PRODUCT COMPLIANCE ENGINEER

Bloomington, MN

Job Description:

Work with a multi-disciplinary product development team to ensure semiconductor process control products are designed and verified to comply with all government and industry regulations.

Key Responsibilities:

- Coordinate and manage 3rd party compliance evaluations of capital equipment.
- Collaborate with design teams to ensure new product developments comply with applicable standards.
- Document compliance requirements, prepare functional descriptions and define compliance specifications.
- Develop and maintain all system technical files.
- Provide compliance support to sales and service teams as needed to promote customer adoption and use of Rudolph wafer inspection systems.
- Responsible for coordinating applicable design direction and insuring the designs comply with SEMI, CE, FCC, UL and other applicable standards.
- Support purchasing with classification of parts and assemblies for import/export of goods.

Education & Experience:

- BS Degree in Electrical Engineering or Mechanical Engineering and a minimum of 5 – 8 years' work experience in a product development environment.
- Experience working with the development of integrated systems which include application of the following technology areas: automated machine control, motion control, staging, optics, imaging systems and illumination control, PC-based control systems, custom firmware/software and power management.
- Experience with semiconductor wafer processing and/or defect inspection equipment and relevant compliance standards, SEMI, CE low voltage and Machinery directive, UL, CDRH.
- Demonstrated project management experience.
- Knowledgeable of product development concepts, practices and procedures.
- Ability to work in a fast paced, highly dynamic environment.

- Professional attitude and the ability to communicate and work across many levels of the organization including Management, Technical Support, Applications and Customers.
- Excellent written and verbal communication required.