



Solectria Renewables is America's leading manufacturer of high power photovoltaic inverters for solar applications. Join a driven and innovative team working in a fast paced and challenging high technology environment. Let your talent fuel one of the nation's fastest growing industries. We offer an excellent benefit package, the ability to work with cutting edge technology, and room for professional growth and career advancement within the company. Solectria Renewables is an Equal Opportunity Employer. Qualified candidates should send their resume and a detailed cover letter to: HumanResources@solren.com

POSITION DESCRIPTION

TITLE: **Senior Compliance and Regulatory Engineer**
SUPERVISOR: **Hardware Engineering Manager**
CLASSIFICATION: **Exempt, full-time**
LOCATION: **Lawrence, MA**

DUTIES:

1. Lead compliance and validation efforts for high power, three phase PV inverter systems.
2. Participate in the design and review of products to satisfy required safety, EMC, and grid interface standards for North America, India, and China.
3. Stay abreast of a rapidly changing regulatory landscape, to ensure ongoing compliance of the company's products.
4. Lead qualification efforts of new and legacy products through the following:
 - a. Establish and maintain effective relationships with testing agencies such as ETL, UL, and CSA.
 - b. Create, manage, and execute verification plans.
 - c. Perform hands on verification testing in safety, EMC, and grid interface areas.
5. Manage critical items lists for components that impact safety and EMC compliance.
6. Support agency certification changes that result from product enhancements or cost reductions.
7. Ensure ongoing compliance to standards in manufacturing processes.
8. Participate in third party agency audits.
9. Conduct regular training classes for engineering and sales teams on compliance issues affecting the company.
10. Other duties as assigned

REQUIREMENTS:

1. BSEE and minimum of 5 years related experience. MSEE or PHD is a plus.
2. Significant experience with UL1741, IEEE 1547, NEC, IEC standards pertaining to distributed generation, FCC, CEC, and CCC.
3. Excellent background in safety system design and certification.
 - a. Background in software safety compliance such as UL1998 a huge plus.
4. Knowledge of EMC fundamentals and best practices including: Interference, filtering, surge protection and mitigation, and RF radiation/susceptibility effects.
5. Hands on experience performing product compliance testing.
6. Ability to rapidly gain mastery of new compliance standards as business needs dictate.
7. Outstanding work ethic and positive attitude required.
8. A high level of initiative and a proactive nature.
9. Excellent communication and presentation skills.
10. Strong organizational and time management skills.
11. Ability to work as a leader or individual contributor, depending upon assignment.
12. Occasional travel is required.