



Yaskawa – Solectria Solar, a wholly-owned subsidiary of Yaskawa America, Inc., is the largest commercial inverter manufacturer in the U.S. Solectria’s products includes 3.8 to 750 kW inverters, string combiners and web-based monitoring for all size solar systems. We offer a friendly work environment, great benefits, the ability to work with cutting edge technology and the chance to work with an innovative and dynamic team. We are conveniently located off I-495 in the Riverwalk complex. To apply for this or any other position, e-mail your resume to hr@solectria.com

POSITION DESCRIPTION

TITLE: Test Engineer – Inverter
SUPERVISOR: Design Validation Manager
CLASSIFICATION: Exempt, Full-Time
LOCATION: Lawrence, MA
JOB CODE: ENG-2017-209

DUTIES:

1. Develop and execute test procedures for testing Inverters and associated sub-systems’ design in a fast paced R&D environment
2. Compile, assess and analyze validation test data and drive improvements with design engineering team
3. Execute compliance test of inverters and sub-systems towards product listing and release
4. Develop and maintain automated and manual test fixtures for inverter design validation test
5. Design the inverter test reports, provide certified test reports to customers
6. Provides technical support to our inverter test technician team, audit test procedures periodically
7. Participate in design engineering process and quality improvement activities such as PFMEA for new inverter designs
8. Suggest new processes to enhance overall yield, increase throughput
9. Other duties as assigned

REQUIREMENTS:

1. BS in engineering discipline and 2 years related experience
2. Experience with inverters, high power electrical power systems, PCB, or AC drives preferred
3. Demonstrated troubleshooting and analytical skills
4. Proficiency with scopes, power analyzers, thermal cameras, Microsoft office tools
5. Product agency certification for IEEE, UL, CE, FCC, etc. is a big plus
6. Experience with automated test equipment design and development a plus
7. Experience with reading and understanding computer languages such as C/C++ a plus
8. Detail oriented and Safety conscious
9. Self-driven and able to maintain own schedule and multi-task
10. Excellent oral and written communication skills
11. Willingness to travel up to 10% of the time