



Upstart Power

JOB DESCRIPTION

Job Title:	TEST / SQA ENGINEER
Department:	Engineering
Reports To:	Senior Manager of SQA and Test Engineering
Status:	Salaried – Exempt
Hours/Work Days:	40 hours per week (Monday through Friday)
Location:	Southborough, MA
Last update (date):	August 2021

COMPANY OVERVIEW

Upstart Power is a start-up company focused on state of the art power generation equipment utilizing fuel cell technology for back up and primary applications and specifically designed to work with solar. We are expanding our world class team of engineers to support the market launch of several new products. We are seeking highly motivated individuals that can work in a dynamic, high pace environment to meet the demands of our customers.

PRIMARY EMPLOYMENT OBJECTIVES

The Test / SQA engineer will be responsible for the independent verification and validation of products to design specifications. He/She will use DFT/DFM mentality to identify potential design and manufacturing issues and work with design and manufacturing engineers to create corrective action plan.

Essential Duties & Responsibilities

- Conceptualize test requirements, design and build test fixtures, execute test plan and analyze test data for functional and quality verification
- Develop & execute EVT/DVT procedures
- Evaluate product test for DFT/DFM concepts, work with design & manufacturing engineers to rectify DFT/DFM issues
- Monitor & analyze test data using statistical tools / methods
- Debug and determine root cause for test & system failures
- Support for regulatory and compliance pre-testing

Knowledge, Skills, Experience Requirements

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- Bachelor’s degree in electrical engineering or equivalent with 3+ years of experience
 - Experience with electromechanical sensors & actuators
 - Experience with AC components and test equipment
 - Python programming skills a plus
 - Experience with standard lab equipment
 - Experience with Microsoft Office products
 - Understanding of compliance and regulatory testing / methods
 - Knowledgeable with DOE concepts

BEHAVIORAL COMPETENCY REQUIREMENTS

<i>Action oriented</i>	<i>Drive for results</i>	<i>Functional or Technical skills</i>
<i>Organizational agility</i>	<i>Time management</i>	<i>Problem solving</i>

WORK ENVIRONMENT (include physical requirements)

- Office and workshop presence

Upstart Power provides equal employment opportunities (EEO) to all employees and applicants for employment without regard to race, color, religion, gender, sexual orientation, gender identity or expression, national origin, age, disability, genetic information, marital status, amnesty, or status as a covered veteran in accordance with applicable federal, state and local laws. Upstart Power complies with applicable state and local laws governing non-discrimination in employment in every location in which the company has facilities. This policy applies to all terms and conditions of employment, including, but not limited to, hiring, placement, promotion, termination, layoff, recall, transfer, leaves of absence, compensation, and training.