

Job Title: FC Test Operator	Job Code:
Department: R&D/Test Group	Job Grade:
Revision Date: 19 Oct 2021	Fair Labor Standards Act (FLSA):

Position Overview

The fuel cell test operator's primary responsibility is to assemble and operate fuel cell test equipment for various high temperature membrane electrode assemblies throughout the spectrum of research, development, and production quality control. Will be part of the test/analysis team and work with research scientists, engineers, and production staff.

Essential Job Functions

- Produce consistent and high-quality test results using a variety of fuel cell test equipment, including but not limited to single cells and short stacks
- Provide regular updates to test engineers and test manager on operational status of a large fleet of test stations
- Apply exceptional troubleshooting skill as primary operator for solving software, electronic, gas metering, fluid handling, and mechanical equipment problems on fuel cell test equipment
- Support engineers in identifying possible failure mechanisms in components that do not meet QC specifications
- Support FC Test Manager in component and material development work through analysis of test results and operation of single cell and short stack hardware
- Accomplish job functions within Advent's safety protocols and procedures
- Conduct all work with exceptional attention to detail and unwavering integrity

Non-Essential Job Functions

- Assist in maintaining the appropriate quality systems related to the fuel cell testing
- Assist in executing development trials and experiments
- Assist engineering group on other various projects such as development of new processes and processing equipment, modification of existing processing equipment, and development of new SOPs for modified equipment or newly developed processes

Requirements

- High School or Vocational School degree
- Experience with manual assembly of equipment hardware

- Experience with hand tools and basic power tools

Other Skills/Abilities

- Excellent communication skills a must
- Ability to present data to FC Test Engineers & Manager
- Ability to reliably repeat the fuel cell assembly and testing protocol with no cell-to-cell variation
- Ability to work with cross-functional teams from inside the company and outside the company
- **Proficiency with Windows-based PC's and MS office programs including Outlook, Word, Excel, and PowerPoint**

NOTE: This job description is not intended to be all-inclusive. Employee may perform other related duties as assigned to meet the ongoing needs of the organization. This position may be at times physically demanding and requires considerable manual dexterity, the ability to maneuver within confined spaces, and the strength to use a variety of manual and electric tools.