

# **MASS TRANSPORTATION AUTHORITY**

## **JOB DESCRIPTION**

POSITION: ALTERNATIVE FUELING CENTER TECHNICIAN

CLASSIFICATION: TECHNICAL

GRADE LEVEL: ONE - FOUR

### **SCOPE OF RESPONSIBILITIES:**

The Alternative Fueling Center Technician is responsible for assisting the Alternative Fueling Center Manager in the overall operation and maintenance of MTA's Alternative Fueling Center. The Technician will operate and monitor all fueling center systems and equipment, including multiple compression systems such as gaseous hydrogen, natural gas, and propane auto gas systems. Perform periodic maintenance and minor repairs to compression system equipment. The Technician will also provide guidance and direction to MTA's vehicle fueling team.

**SUPERVISION BY:** ALTERNATIVE FUELING CENTER MANAGER

### **PRINCIPLE RESPONSIBILITIES:**

- Operate, monitor, control, and maintain: hydrogen and natural gas compression, storage and dispensing systems, propane auto gas equipment, fuel cell electrolysis hydrogen gas generation
- Perform minor repairs, adjustments, and preventative maintenance on all Alternative Fueling Center equipment
- Respond to equipment malfunctions following established protocols or procedures
- Write task and operational procedures as required
- Use drawings, schematics, prints, or specifications to assist with troubleshooting
- Communicate and plan work with contracted service providers
- Document daily operations and maintenance functions
- Monitor job site for hazards and maintain a safe working environment
- Signal directions or warnings to other co-workers when required
- Respond to emergency situations including gas detection and other system alarms, according to established policies and procedures
- Collect, maintain, and process data to be shared with other work areas as needed
- Assist in the supervision of equipment training and safe-work practices related to the fueling center operations
- Advise management of production issues that may impact fleet operations
- Perform other duties as assigned

EDUCATION and/or EXPERIENCE:

- Associates Degree, or the equivalent, in any industrial, mechanical, electrical, mechatronics, or chemical field
- Technical knowledge of gaseous or cryogenic fuels and hydrogen fuel cells
- 3 years any industrial, mechanical, electrical, engineering application
- Technical maintenance and/or fueling operation experience
- Experience with Programmable Logic Computers (PLC)
- Experience with hazardous materials and communications

QUALIFICATIONS:

- Valid Michigan Driver's License
- Ability to work independently
- Excellent communication and organizational skills
- Proficient in Microsoft Office suite applications
- Excellent math, analytical and problem-solving skills

MINIMUM ACCEPTABLE JOB PERFORMANCE STANDARDS:

- Maintain safe operation of all compression fueling stations
- Comply with all local, state, and federal regulations applicable to each fuel type
- Know and perform all job duties within the scope and direction of MTA policies, procedures and contractual agreements
- Maintain flexible shift availability
- Maintain all required licenses and have an excellent driving record

PHYSICAL DEMANDS:

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the principal responsibilities.

- Ability to sit, stand, walk, twist, bend, kneel, climb, see, talk, hear and lift up to 50 lbs.
- While performing the duties of this job, the employee is regularly required to sit, walk, stand on cement and gravel surfaces.
- This job is hands on and requires the use of various tools, instruments, controls or objects. Specific vision abilities required are: close, distance, color, peripheral, depth and the ability to focus and hear at normal frequency ranges.

WORK ENVIRONMENT:

- Indoor control room / small work shop
- Outdoors in all weather conditions
- In and around loud machinery, vehicle traffic and flammable gas systems
- Required to wear PPE/safety glasses, gloves, seasonal protective gear, flame resistant garments while performing work duties

WAGE RATE:

Determined by experience and education

APPLICATION SUBMITTAL:

Applications will be accepted until the position is filled. Apply in person at the MTA Administration Building, 1401 S. Dort Hwy., Flint **OR** any MTA location. Submit resumes to [jobs@mtaflint.org](mailto:jobs@mtaflint.org). MTA is an equal opportunity employer!

Applications will be accepted only if applicant possesses minimum acceptable employment requirements for the position as set forth on this announcement.