



# **SOUTH JERSEY TRANSPORTATION AUTHORITY**

**FARLEY SERVICE PLAZA • P.O. BOX 351  
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**Mikie Sherrill**  
Governor

**Priya Jain**  
Chair

**Dr. Dale G. Caldwell**  
Lt. Governor

**Stephen F. Dougherty**  
Executive Director

## **JOB POSTING**

**Position:** Master Welder

**Location:** TBD

**Salary:** \$39.55\*

**Closing Date:** August 7, 2026

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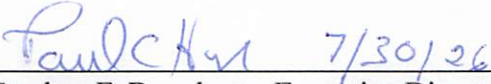
All requests for the above position are to be sent in writing to Tina Harvey, Human Resource Manager no later than the Closing Date listed above.

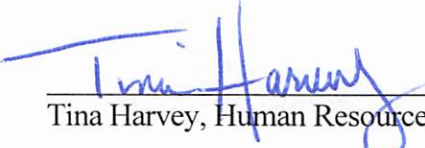
***SJTA offers comprehensive health coverage, generous paid leave, pension membership, and tuition reimbursement. SJTA is an Equal Opportunity Employer.***

*\*The salary listed is specific to new hires and all internal promotions will be paid consistent with Local 196 Chapter 2 language.*

Please refer to the attached for job description.

Approved:

  
Stephen F. Dougherty, Executive Director

  
Tina Harvey, Human Resource Manager

**Dates Posted: August 3, 2026, through August 7, 2026**

Locations Posted: East, West and Central Maintenance, Pleasantville Tolls, State Police, State Police Garage, Administration Building, Atlantic City Welcome Center, EZ Pass Customer Service Center, Airport, Airport Firehouse, Airport Parking, Airport Trailer, Engineering, Snow Equipment Bldg., ESP, Transportation Services and SJTPO

The Authority is an equal opportunity employer. The policy of the Authority is that all employees will be treated equally without regard to race, creed, color, religion, national origin, ancestry, age, sex, marital status, domestic partner status, familial status, domestic partnership status, affectional or sexual orientation, atypical hereditary cellular or blood trait, genetic information, veteran status, disability or handicap or for any other reason prohibited by law. Such employment action includes, but is not limited to the following: employment, promotion, demotion, transfers, layoffs and termination, recruitment and selection for training and all Authority sponsored social and recreational programs.

**SOUTH JERSEY TRANSPORTATION AUTHORITY**  
**POSITION DESCRIPTION**

**POSITION:** Master Welder

**DEPARTMENT:** Operations

**NAME:** \_\_\_\_\_

**DATE:** \_\_\_\_\_

**REPORTS TO:** Crafts Supervisor

**SALARY RANGE:** Per Contract

**Job Summary:**

The Master Welder, under the direction of the Crafts Supervisor and/or General Foreman, is responsible for performing skilled and specialized welding work in the maintenance, repair, fabrication, and modification of transportation infrastructure, equipment, vehicles, and structural components. The Master Welder serves as a technical expert within the Crafts Department. This position requires a high degree of proficiency across multiple welding processes and the ability to work independently on complex assignments with minimal supervision.

**Job Responsibilities:**

*The following duties are representative of this position. Other duties may be assigned as needed.*

***Welding Operations***

- Perform skilled welding using MIG, TIG, Stick (SMAW), Flux-Core (FCAW), and Oxy-Acetylene processes on a variety of metals including carbon steel, stainless steel, aluminum, and cast iron
- Read and interpret blueprints, engineering drawings, weld symbols, and technical specifications to determine proper welding procedures and materials
- Fabricate, cut, fit, and weld structural and mechanical components to precise dimensions and tolerances
- Perform overlay, buildup, and hard-facing welds to restore worn or damaged components to original specifications
- Conduct pipe welding, including structural and, in all positions
- Operate plasma cutting, oxy-fuel cutting, and grinding equipment in preparation for and finishing of weld joints

***Inspection, Quality, and Safety***

- Inspect completed welds using visual inspection and non-destructive testing (NDT) methods to verify compliance with applicable codes and standards (AWS, ASME, or equivalent)
- Identify and correct weld defects including porosity, undercut, incomplete fusion, and cracking

- Maintain strict adherence to all SJTA safety policies, OSHA regulations, and safe work practices including lockout/tagout, hot work permits, confined space procedures, and PPE requirements
- Ensure work areas are maintained in clean, organized, and safe conditions at all times
- Complete all required documentation including work orders, material usage logs, and daily activity reports accurately and in a timely manner

#### *Equipment and Material Handling*

- Operate and maintain welding machines, cutting equipment, grinders, and associated hand tools in proper working condition
- Select appropriate filler metals, electrodes, shielding gases, and consumables for each application
- Properly store and handle welding materials, gases, and flammable materials in accordance with safety regulations
- Identify and report equipment deficiencies or unsafe conditions to the supervisor immediately

#### *Mentorship and Leadership*

- Provide technical direction, training, and on-the-job guidance to Journeyman Welders, helpers, and apprentices
- Assist the Crafts Supervisor in reviewing work assignments and coordinating workflow within the welding shop
- Serve as a technical resource for complex or non-standard welding projects requiring advanced expertise
- Participate in pre-job planning, job hazard analysis (JHA), and toolbox safety meetings

#### **Duties:**

- Responsible to the Superintendent or Assistant Superintendent of Crafts
- Must be on call for snow removal work
- Required to have a telephone and be available twenty-four (24) hours a day, seven (7) days a week, for emergencies and snow removal work
- Responsible for training subordinates below his/her rating
- Must be able to read, write and communicate effectively and efficiently
- Must perform other related duties as assigned
- The employee will be on the applicable OT list and will be charged according to standard practice

#### **Knowledge and Abilities:**

- Expert proficiency in multiple welding processes including MIG, TIG, Stick, FCAW, and Oxy-Acetylene
- Demonstrated ability to read and interpret engineering drawings, blueprints, weld symbols, and technical specifications

- Strong knowledge of metallurgy, weld joint design, distortion control, and pre/post weld heat treatment
- Familiarity with applicable welding codes and standards including AWS D1.1, ASME Section IX, and DOT regulations
- Ability to work independently and exercise sound judgment on complex assignments
- Strong attention to detail, quality workmanship, and pride in finished work
- Ability to communicate effectively with supervisors, co-workers, and other department personnel
- Basic computer skills sufficient to complete electronic work orders and documentation

### **Supervisory Responsibilities:**

- None

### **Physical Requirements:**

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

- Must be able to lift, carry, push, and pull up to 75 pounds regularly and up to 100 pounds occasionally with assistance
- Must be able to stand, walk, bend, kneel, stoop, crouch, and work in awkward or confined positions for extended periods
- Must be able to work at heights, on ladders, scaffolding, and elevated platforms
- Must be able to work in confined spaces following all required training and safety procedures
- Frequent use of hands and fingers for handling tools, equipment, and materials
- Must have adequate near and distance vision, with or without correction, and ability to distinguish colors
- Must be able to wear and work in all required personal protective equipment (PPE) including welding helmet, respirator, gloves, and flame-resistant clothing

### **Qualifications:**

- Current AWS Certified Welder (CW) or equivalent certification required with a 6G Welding Certification
- Certifications in multiple welding processes (MIG, TIG, Stick, FCAW) strongly preferred
- Valid driver's license required; CDL

**Education:**

- High school diploma or GED required; completion of an accredited welding program, vocational/technical training, or formal apprenticeship preferred

**Experience:**

- Minimum of three (3) years of progressive welding experience
- Experience in transportation, transit, infrastructure, heavy industrial, or municipal maintenance environment strongly preferred

**Special Skills:**

- Must have a valid New Jersey drivers license, ability to drive a truck and operate snow removal equipment, operate a backhoe, loader, fork lift and other equipment related to their job duties and during emergencies. Must have a valid Commercial Drivers License ("CDL") from the State of NJ within ninety (90) days of obtaining this position.

**Disclaimer:** This job description is not intended, nor should it be construed to be an exhaustive list of all responsibilities, duties, skills, or working conditions associated with a particular job. It is intended to be only a general description of the principal requirements common to a position of this type.