

# EMERGENCY VEHICLE EQUIPMENT INSTALLER

## Recruitment #2101-0886PD-001

<b>List Type</b>	Original
<b>Requesting Department</b>	Milwaukee Police Department
<b>Open Date</b>	2/5/2021 08:00:00 AM
<b>Filing Deadline</b>	2/26/2021 11:59:00 PM
<b>HR Analyst</b>	Marti Cargile

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## INTRODUCTION

*Do you have experience in automotive electronics, vehicle upfitting, or vehicle equipment installation? A unique opportunity exists wherein you can apply your specialized talents to a career with the City of Milwaukee working as an Emergency Vehicle Equipment Installer!*

## PURPOSE

Under the direction of the Police Fleet Manager, the Emergency Vehicle Equipment Installer installs, troubleshoots, and repairs emergency vehicle systems, including mobile radios, mobile computers, mobile in-car video systems, license plate readers, and other law enforcement vehicle equipment.

## ESSENTIAL FUNCTIONS

### Squad Equipment Troubleshooting and Repair

- Respond to reports of equipment malfunctions; troubleshoot and repair or replace equipment to restore vehicles to operation.
- Perform multi-point inspections of vehicles.
- Keep accurate records, and maintain an orderly work environment and sufficient equipment stock levels.

### New Vehicle Set-Up

- Install electronics into vehicles, including light bars, laptop mounts, DVRs, sirens, recording devices, remote start systems, and microphones.
- Upfit vehicles with a variety of equipment, including prisoner transport seating, partitions, firearm mounts, equipment storage units, modified interior/exterior panels, and K-9 equipment.
- Install electrical wiring, connect electrical fittings, drill holes, and perform all physical tasks associated with modifying vehicles for the installation of electronic equipment.
- Design and construct vehicle-specific cable assemblies and sub-assemblies necessary for mobile vehicle installations.
- Develop wiring routes throughout vehicles to provide for the most efficient wiring paths and to enable future replacement and troubleshooting.
- Design and fabricate fixtures; modify existing equipment using mig welder, plasma cutter, lathe, and shear/brake.

*Reasonable accommodations requested by qualified individuals with disabilities will be made in accordance with the Americans with Disabilities Act (ADA) of 1990, as amended by the Americans with Disabilities Act Amendments Act (ADAAA) of 2008.*

## CONDITIONS OF EMPLOYMENT

- As necessary, work weekends, holidays, varying shifts, odd hours, and emergency call-ins.
- Possess your own hand tools and electrical testing equipment.
- Climb ladders, work in confined spaces, and withstand varying environmental conditions such as noise, vibration, and temperature variations.
- Perform heavy work, i.e., move objects weighing up to 100 pounds with assistance or by wheeled conveyance and lift and move objects weighing up to 50 pounds unassisted.
- Read and distinguish the specific colors and color codes associated with electrical wiring.
- Possess manual dexterity and steady hands to be able to grasp and manipulate objects.
- Have the ability to wear a respirator.
- Drive a City vehicle to pick up and deliver vehicles and job-related supplies and equipment.

## MINIMUM REQUIREMENTS

1. Two years of full time experience in the automotive field with exposure to the installation of electronic equipment into vehicles involving disassembly and reassembly of vehicle components, **OR** an associate's degree in automotive or electronic technology or related field from an accredited college or university.
2. Valid driver's license at time of appointment and throughout employment.

***Equivalent combinations of education and experience may be considered.***

***IMPORTANT NOTE:*** To receive credit for college or technical school, transcripts are required and must be received by the application period closing date. College transcripts should be attached to your online application. Student/unofficial copies are acceptable; however, your transcripts must be legible and include your name, the university name, the degree completed, and the degree completion date.

## DESIRABLE QUALIFICATIONS

- ASE Certification (A6) Electrical/Electronic Systems.

## KNOWLEDGE, SKILLS, ABILITIES & OTHER CHARACTERISTICS

### Technical Knowledge and Skills

- Knowledge of electronics communication theory, including direct current (DC) principles; automotive electrical wiring and cabling; and the technical equipment used in the diagnosis and resolution of electrical equipment failure.
- Ability to read and understand schematics, blueprints, and wiring diagrams.
- Knowledge of the specific colors and color codes associated with electrical wiring.
- Analytical and problem-solving skills to be able to diagnose and resolve technical problems with emergency vehicle systems.
- Skill in mechanical assembly to create and modify mechanical parts.
- Ability to disassemble and reassemble vehicle interiors to access electrical wiring without damaging vehicles or equipment.
- Ability to operate various pieces of equipment such as forklifts, welders, plasma cutters, milling machines, drill presses, metal shears, metal brakes, disc and belt sanders, hydraulic lifts for auto /truck, and sand blasters.
- Ability to use hand, power, and soldering tools related to electrical equipment installation (i.e., multimeter, mig welder, plasma cutter, and lathe).
- Ability to use various software programs related to equipment inventory and work orders.
- Ability to interpret and analyze data related to equipment malfunction and failure.

### Communication, Customer Service, and Teamwork Skills

- Ability to read and understand documents such as policies, procedures, and manuals.
- Oral communication skills to effectively respond to repair requests in person and to communicate technical information to non-technical customers.

- Knowledge of and commitment to customer service best practices.
- Ability to interact positively and professionally with sworn and civilian staff and vendors within a team environment.
- Ability to work cooperatively and fairly with coworkers and patrons whose backgrounds may differ from one's own.

#### **Organizational and Shop Maintenance Skills**

- Ability to plan, organize and prioritize workload in order to meet deadlines.
- Ability to ensure that facilities are clean and orderly and that tools and equipment are stocked, organized, and maintained.
- Honesty, integrity, and the ability to safeguard City equipment.

### **CURRENT SALARY**

**The current starting salary (7EN) is \$41,225, and the resident incentive starting salary for City of Milwaukee residents is \$42,461. *Appointment above the minimum is possible based upon level of experience and other qualifications and is subject to approval.***

The City of Milwaukee provides a comprehensive benefit program that includes the following:

- Defined Benefit Pension Plan
- 457 Deferred Compensation Plan
- Health and Dental Insurance
- Comprehensive Wellness Program
- Onsite Clinic Services
- Onsite Employee Assistance Program
- Alternative Work Schedules
- Long Term Disability Insurance
- Group Life Insurance
- Tuition Benefits
- Paid Vacation
- 11 Paid Holidays
- Paid Sick Leave and other paid leaves
- Flexible Spending Arrangement
- Commuter Value Pass

For full details of the benefits offered by the City of Milwaukee, please visit <https://city.milwaukee.gov/ImageLibrary/Groups/derAuthors/Benefits-/2020/2021COMOEACTIVEGuide10.6.20FINAL.pdf>.

### **SELECTION PROCESS**

**THE SELECTION PROCESS** will be job related and will consist of one or more of the following: education and experience evaluation; written, oral, or performance tests, or other assessment methods. The Department of Employee Relations reserves the right to call only the most qualified candidates to oral and performance examinations. Oral examinations may include written exercises. Selection process component weights will be determined by further analysis of the job.

**INITIAL FILING DATE** - The examination will be held as soon as practical after **Friday, February 26, 2021**. Receipt of applications may be discontinued at any time after this date without prior notice. However, recruitment may continue until the needs of the City have been met. Qualified applicants will be notified of the date, time, and place of the examination. Unless otherwise required by law, the City of Milwaukee will not provide alternative test

administration. The applicant is responsible for attending all phases of the job selection process at the time and place designated by the City of Milwaukee.

**\* NOTE: Candidates must pass a Milwaukee Police Department background investigation before hire. \***

## **ADDITIONAL INFORMATION**

- Applications and further information may be accessed by visiting [www.jobaps.com/MIL](http://www.jobaps.com/MIL).
- If you would like assistance completing an application, please contact the Department of Employee Relations at (414) 286-3751 or [staffinginfo@milwaukee.gov](mailto:staffinginfo@milwaukee.gov).
- The Department of Employee Relations is located in City Hall, 200 E Wells St, Room 706, Milwaukee, WI 53202.

## **CONCLUSION**

*EEO 702*

*The City of Milwaukee values and encourages diversity and is an equal opportunity employer.*