



ELECTRON A

Department: Maintenance

FLSA Status: Nonexempt

Reports To: Maintenance Supervisor

Pay: \$25.03 per hour

Days/Hours: Rotating

Status: Full Time

SUMMARY

Under general supervision, performs skilled preventative maintenance, troubleshooting, primary and secondary repair and modification to electronic fare collection equipment, destination signs, public address and other coach electronic systems, following blueprints and manufacturers' specifications, and using hand tools and test instruments: Converses with equipment operators to ascertain problems with equipment before breakdown, and to determine if breakdown is due to human error or mechanical problems.

ESSENTIAL DUTIES AND RESPONSIBILITIES

- Assist in the development and training of employees engaged in vehicle and equipment maintenance and repair.
- Assist in identifying and recommending measures to improve and maximize production methods, quality, equipment performance and utilization, and working conditions.
- Performs acceptance testing and pre-service inspections of new equipment.
- Performs regular preventative maintenance inspections of all revenue and support vehicle fare collection and electronic systems both on and removed from vehicle.
- Troubleshoots coach electrical, electromechanical, electronic systems, ADA systems and video surveillance to determine any remedial or corrective action that may be required.
- Performs bench repair on circuit boards to the component level on all electronic fare collection and destination sign equipment including but not limited to power supplies, controllers, processors, master boards, slave boards, coin modules, bill modules, keyboards, and other related electromechanical modules.
- Performs basic preventative and remedial maintenance on modules and assemblies.
- Reads schematics, identifies symbols, and uses tools, meters, gauges and other test equipment necessary to troubleshoot, repair, and service these systems.
- Prepares written reports recommending modifications in electronic equipment, systems, and servicing methods to improve performance and reliability.
- Disassembles, cleans, inspects and makes repairs to defective electromechanical, electrical, and electronic systems.
- Inspects parts to detect imperfections and or changes in dimensional requirements.
- Lubricates and cleans functional parts; repairs or replaces defective parts.
- Aligns, adjusts, and calibrates equipment according to specifications. Calibrates testing instruments.
Performs road testing of vehicles to troubleshoot systems or determine the performance of corrective actions.
- Maintains records of repairs, calibrations, and tests.
- Safely operates shop equipment such as fork lifts, floor scrubbers, lathes, and drill presses, grinders, welding machines and other tools within close tolerances by following verbal and written instructions, understanding blueprints, drawings and specifications.
- Responds to road calls and performs remedial action required to return bus to garage.



- Follows departmental policies and regulatory guidelines. In accordance with FTA/DOT.
- Cleans assigned work areas.
- Performs other related work.
- Be well organized and able to multi-task
- Other duties may be assigned.

QUALIFICATIONS

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

EDUCATION and/or EXPERIENCE

Equivalent to Associate's Degree in electronics or a related field with course work in DC, AC, semiconductor devices, and electronic theory. Work experience equivalent to five years performing installation, repair, and maintenance of analog and digital electronic equipment; or equivalent combination of education and experience.

CERTIFICATES, LICENSES, REGISTRATIONS

Must be able to obtain a valid Georgia Commercial Driver's License and valid Medical Examiner's DOT card. ASE certified in Electrical/ Electronic systems or equal experience or certificates in the electronics field. Must have a complete mechanics tool set to include a rolling tool storage cabinet.

Submit resume online at hr@catchacat.org and enter the title of the position in the subject line of the e-mail

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