
ELECTRONIC TECHNICIAN, PS-09

FUNCTIONAL PURPOSE

Independently performs the full range of diagnostic, preventive maintenance, alignment and calibration, and overhaul tasks, on both hardware and software on a variety of mail processing, customer service, and building equipment and systems, applying advanced technical knowledge to solve complex problems.

DUTIES AND RESPONSIBILITIES

1. Performs complex testing, diagnosis, maintenance, alignments and calibration, overhaul, and revision, of electronically operated or controlled equipment or systems; may be required to perform maintenance of associated electromechanical equipment and systems.
2. Observes the operation of systems and equipment, and applies various testing and diagnostic methods and procedures to locate and correct malfunctions and/or failures and ensures maximum system performance.
3. Performs equipment inspections to assess the quality of service or maintenance received, and to discover incipient malfunctions; initiates work orders requesting corrective actions for equipment not meeting maintenance or operating standards; estimates time and materials necessary to make corrections and conducts investigations of frequent or serious equipment failures to determine the cause of the breakdown and to recommend remedial maintenance action.
4. Recommends changes to servicing and preventive maintenance activities; assists in the revision of preventive maintenance and operator checklists, and their frequency to sustain the proper degree of maintenance.
5. Performs analyses of equipment failures; reviews operational reports, audits, and other information, to determine where operational enhancement can be made to prevent equipment or systems deterioration.
6. Participates in the installation, removal, modification, assembly, and/or disassembly of systems and equipment.
7. Participates in classroom, on-the-job, and correspondence training programs; attends courses at postal facilities, trade schools, and manufacturers sites; assists in developing and implementing training programs; provides on-the-job training to other lower level maintenance employees.

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8. Provides technical support to other employees in the facility or in installations within the area served; performs in-process and final operational checks and tests work completed by other employees; may work without direct supervision.
9. May drive a vehicle or use other appropriate modes of transportation in the course of assigned duties.
10. Follows established safety practices and requirements while performing all duties; reads and adheres to instructions listed in applicable maintenance directives; maintains a library of maintenance directives.
11. Performs other duties as assigned.

SUPERVISION

Supervisor of unit to which assigned.

SELECTION METHOD**BARGAINING UNIT**

BLDG/EQUIP MAINT

KEY POSITION REFERENCE

KP-0023

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ELECTRONICS TECHNICIAN, PS-10

FUNCTIONAL PURPOSE

Carries out all phases of maintenance, troubleshooting, and testing of electronic circuitry used in equipment and systems requiring a knowledge of solid state electronics. Instructs and provides technical support on complex systems and on combinational (hardware/software) or intermittent problems.

DUTIES AND RESPONSIBILITIES

1. Performs the testing, diagnosis, maintenance, and revision work requiring a knowledge of solid state electronics.
2. Observes the various equipment and systems in operation and applies appropriate testing and diagnostic methods and procedures to ensure proper operation.
3. Locates source of equipment and system failures, rectifies trouble in involved cases, or provides instructions to be used by maintenance employees performing repair work.
4. Makes or participates with contractor representative or electronic technician in installing or altering equipment and systems as required.
5. Makes reports of equipment and system failures which require corrective action by contractor and follows up to see that appropriate action is taken.
6. Makes preventive maintenance inspections to discover incipient malfunctions and to review the standards of maintenance. Recommends changes in preventive maintenance procedures and practices as found to be necessary.
7. Programs scheme and/or scheme changes into memory units as requested by management.
8. Furnishes pertinent data to superiors and contract employees on operation and testing problems.
9. Participates in training programs: classroom, on-the-job, and correspondence, at postal facilities, trade schools, and manufacturer's plants as required. May assist in developing and implementing training programs. Instructs equal or lower level employees as required.
10. Observes established safety regulations pertaining to the type of work involved.

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11. May drive vehicle or utilize other available mode of transportation to work site when necessary.
12. Provides technical support to other electronic technicians to resolve complex, combinational (hardware/software), and/or intermittent failures.
13. Performs such other duties as may be assigned.

SUPERVISION

Supervisor, Maintenance Operations, or other designated supervisor.

SELECTION METHOD

Senior Qualified when filled from preferred assignment register (PAR). Best Qualified when filled from promotion eligibility register (PER).

BARGAINING UNIT

BLDG/EQUIP MAINT

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KEY POSITION REFERENCE

KP-0027

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