



Senior Communication Technician

Class Code	FLSA Status	EEO Category	Represented Status	Salary Grade	Effective Date	Resolution #	Pages
0464	Non-Exempt	3 - Technicians	IBEW	N/A	05/28/97	996	1 of 2

DEFINITION: Under direction of the Electronic/Communication Systems Supervisor, using significant skills for this series, installs and maintains all stationary, mobile radio communications equipment, audio video equipment, destination signs, and other electronic equipment used by the District; provides guidance and training to communication technicians; communicates activities and assignment/work issues daily to the supervisor and performs other related duties as required.

DISTINGUISHING CHARACTERISTICS: This is an advanced journey level classification serving as a guide and trainer to communication technicians and performing the full range of skilled installation, maintenance and repair work of the District's communications, audio video equipment and destination signs, etc. In contrast, the Communication Technician performs journey level functions in this series and may receive guidance and training from a Senior Communication Technician. The Electronic Technician class performs journey level maintenance of the District's revenue systems equipment.

EXAMPLES OF DUTIES/FUNCTIONS: Duties/functions may include, but are not limited to, the following: Installs, maintains, tests and repairs mobile transmitting and receiving equipment, computer-aided dispatch and radio systems (equipment and software) including G.I.S. based systems, fixed point communications equipment and destination signs following manufacturers' specifications; oversees contractors working on computer-aided dispatch and radio systems; interfaces with division superintendents and other managers on maintenance of division electronic/ communication systems; sets priorities within framework given by supervisor; trains communication technicians on a variety of maintenance activities; assists in the training of new employees; advises Maintenance Technical Services on appropriate new bus specifications related to electronic/communication components; provides inspection, retrofit and corrective action notification on electronic/communication components in new buses to maintenance management and the new coach manufacturer; follows, provides, and improves maintenance specifications for appropriate District equipment using a variety of resources including manufacturer's specifications; uses microwave test equipment; utilizes soldering equipment and hand and power tools; designs and fabricates templates, patterns and communications mounts of metal, wood and plastic; performs shop and field tests using equipment such as: service monitors, spectrum analyzers, frequency counters, digital voltmeters, oscilloscopes, audiometers, and ammeters; tests for power output, audio quality and frequency sensitivity, and frequency selectivity; troubleshoots and repairs printed circuit boards to component level; may work on high structures or open towers; supplies service maintenance information for computerized record of District communications and destination sign equipment; maintains records of work performed and parts and material used; may lead communication technicians; communicates activities and assignment/work issues daily to the supervisor; receives updated manufacturers' specifications and keeps service manuals current; reports to Purchasing Department on specification changes and parts substitutions; maintains inventory of supplies and equipment; establishes and maintains cooperative working relations with employees.

MINIMUM QUALIFICATIONS:

Knowledge Of: Principles and practices of methods used in the installation and maintenance of stationary, mobile radio communications equipment, destination signs and audio-video equipment, solid-state electronics, analog and digital circuits; principles and practices of preventive maintenance of radio equipment; effective guidance and training techniques; Federal Communications Commission rules and regulations; principles and practices of work safety.

Ability To: Operate and perform corrective and preventive maintenance on the District's stationary, mobile radio communications equipment, destination signs and audio-video equipment in accordance with operations, safety and regulatory requirements; read and interpret service manuals and schematics; use electronic test equipment, solder/desolder equipment, and power shears; work a rotating assignment for 24 hour on-call duty and respond to emergency repair situations; work independently with minimal supervision; effectively guide and train

Senior Communication Technician

Class Code	FLSA Status	EEO Category	Represented Status	Salary Grade	Effective Date	Resolution #	Pages
0464	Non-Exempt	3 - Technicians	IBEW	N/A	05/28/1997	996	2 of 2

communication technicians; learn and become proficient in the maintenance of new systems and equipment purchased by the District; use sound judgment; lift, carry, and move equipment, tools, and supplies; climb and use a ladder, and work under occasional disagreeable working conditions; communicate effectively both orally and in writing; write legibly; establish and maintain effective working relationships with those contacted in the course of work.

Training: Equivalent to completion of 12th grade and a minimum of a two year (Associate's) degree in Electronics or completion of an advanced technical training program in radio communications equipment repair.

Experience: Four (4) years experience in state of the art radio communications, including two years experience in the installation, maintenance and repair of fixed point and mobile, two-way voice and data radio communication equipment (preferably Motorola). A minimum of three (3) years additional experience equivalent to the level of an AC Transit District Communication Technician.

License/Certification: Must possess and maintain a current FCC Second Class or General Radio Telephone license OR a NABER (National Association of Business and Education Radio) OR an APCO (Associated Public Safety Communications Offices) certificate . Must possess and maintain a valid California Class C Driver's License and meet the District's driving standards.

Special Requirements: Must be able to handle emergency situations accepting a rotating assignment of 24 hour on-call duty.