

## Class Title: Radio Communication Systems Technician

**BRIEF DESCRIPTION OF THE CLASSIFICATION:**

Ensures reliable radio communication for police, fire, paramedics, and other city departments. Installs, troubleshoots, and repairs mobile radio communications systems.

**ESSENTIAL FUNCTIONS:**

*This information is intended to be descriptive of the key responsibilities of the classification. The following examples do not identify all duties performed by any single incumbent. Specific requirements of individual positions are described in the Job Description.*

Physical Strength Code		ESSENTIAL FUNCTIONS
1	M	Installs mobile radio and other electronic equipment by mounting equipment antennas and brackets, and testing the installed equipment.
2	L	Troubleshoots and replaces in-service equipment by diagnosing the problem, making repairs, and creating work orders for completed repairs.
3	L	Performs related duties by prioritizing and scheduling equipment removals and installations, inventorying tools and maintaining service areas, consumable supplies and hardware.

CSC Adopted: October 2001, CSC Revised: \_\_\_\_\_

**CLASS REQUIREMENTS:**

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Formal Education / Knowledge	Work requires knowledge of a specific vocational, administrative, or technical nature which may be obtained with six months/one year of advanced study or training past the high school equivalency. Junior college, vocational, business, technical or correspondence schools are likely sources. Appropriate certification may be awarded upon satisfactory completion of advanced study or training.
Experience	One years experience in installation and repair of electronic equipment.
Certifications and Other Requirements	Valid Driver's License may be required.
Reading	Work requires the ability to read operating instructions, technical manuals, and work orders.
Math	Work requires the ability to perform general math calculations such as addition, subtraction, multiplication and division.
Writing	Work requires the ability to write work orders.
Managerial	N/A
Budget Responsibility	N/A
Supervisory / Organizational Control	Job has no responsibility for the direction or supervision of others.
Complexity	Work requires analysis and judgment in accomplishing diversified duties. Work requires the exercise of independent thinking within the limits of policies, standards, and precedents.
Interpersonal / Human Relations Skills	Contacts others within the organization. These contacts may involve similar work units or departments within the City which may be involved in decision making or providing approval or decision making authority for purchases or projects.

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**OVERALL PHYSICAL STRENGTH DEMANDS:**

Sedentary	Light	Medium X	Heavy	Very Heavy
S = Sedentary Exerting up to 10 lbs. occasionally or negligible weights frequently; sitting most of the time	L = Light Exerting up to 20 lbs. occasionally, 10 lbs. frequently, or negligible amounts constantly OR requires walking or standing to a significant degree.	M = Medium Exerting 20-50 lbs. occasionally, 10-25 lbs. frequently, or up to 10 lbs. constantly.	H = Heavy Exerting 50-100 lbs. occasionally, 25-50 lbs. frequently, or up to 10-20 lbs. constantly.	VH = Very Heavy Exerting over 100 lbs. occasionally, 50-100 lbs. frequently, or up to 20-50 lbs. constantly.

**PHYSICAL DEMANDS:**

C = Continuously 2/3 or more of the time.	F = Frequently From 1/3 to 2/3 of the time.	O = Occasionally Up to 1/3 of the time.	R = Rarely Less than 1 hour per week.	N = Never Never occurs.
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*This is a description of the way the job is currently performed; it does not address the potential for accommodation.*

PHYSICAL DEMANDS	FREQUENCY CODE	DESCRIPTION
Standing	F	Complete work orders, testing equipment
Sitting	F	Computer, desk work, testing equipment, mounting brackets, running cable, driving
Walking	O	Material, supply and tool retrieval, inter-office, meetings, to/from offsite jobs
Lifting	F	Boxes, equipment, parts, office supplies, tools, jack stands
Carrying	O	Boxes, equipment, parts, office supplies, tools, jack stands, ladders
Pushing/Pulling	O	Jack stands, tools
Reaching	F	Mounting equipment, brackets, equipment, antennas, on top of vehicle, on shelves
Handling	O	Equipment, parts, office supplies, tools, jack stands, ladders
Fine Dexterity	O	Computer keyboard, equipment repair, writing
Kneeling	F	Installing mobile equipment, repair or replacement of parts
Crouching	F	Installing mobile equipment, repair or replacement of parts
Crawling	O	Installing mobile equipment, repair or replacement of parts, under vehicle, under bench
Bending	F	Equipment installation, repair or replacement of parts
Twisting	O	Equipment installation, repair or replacement of parts
Climbing	O	Installing antennas
Balancing	N	
Vision	C	Computer, desk work, reading, observation, installation, repair or replacement of parts, driving
Hearing	C	Telephone, co-workers
Talking	C	Telephone, co-workers
Foot Controls	O	Driving
Other (specify)	N	

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**MACHINES, TOOLS, EQUIPMENT, AND WORK AIDS:**

Computer, printer, fax machine, copy machine, telephone, calculator, Standard Microsoft Windows and Office software, QBIC Maintenance System, various small hand tools including drill press machine, portable drill, electric drill, open-end wrenches, crimpers, pliers, saws, hammers, jack and stand, grinding and wire wheel machine, screw drivers, vises, voltmeter, multimeters, watt meters, ladder, water resistant interior drop light

**ENVIRONMENTAL FACTORS:**

D = Daily	W = Several Times Per Week	M = Several Times Per Month	S = Seasonally	N = Never
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HEALTH AND SAFETY		ENVIRONMENTAL FACTORS	
Mechanical Hazards	D	Dirt and Dust	D
Chemical Hazards	W	Extreme Temperatures	S
Electrical Hazards	D	Noise and Vibration	D
Fire Hazards	N	Fumes and Odors	D
Explosives	N	Wetness/Humidity	S
Communicable Diseases	N	Darkness or Poor Lighting	D
Physical Danger or Abuse	N		
Other (see 1 below)	N		

PRIMARY WORK LOCATION	
Office Environment	--
Warehouse	--
Shop	
Vehicle	--
Outdoors	X
Other (see 2 below)	X

- (1)
- (2) Garage

**PROTECTIVE EQUIPMENT REQUIRED:**

Eye protection, ear protection, hard hat

**NON-PHYSICAL DEMANDS:**

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NON-PHYSICAL DEMANDS	
Time Pressures	F
Emergency Situations	N
Frequent Change of Tasks	R
Irregular Work Schedule/Overtime	R
Performing Multiple Tasks Simultaneously	O
Working Closely with Others as Part of a Team	O
Tedious or Exacting Work	O
Noisy/Distracting Environment	F
Other (see 3 below)	N

- (3)