



City of Los Angeles

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City of Los Angeles Personnel Department

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SIGNAL SYSTEMS ELECTRICIAN

Class Code: 3819

Open Date: 6-20-14

ANNUAL SALARY

\$79,719 (flat-rated)

DUTIES

A Signal Systems Electrician performs skilled technical work and may act as a lead for and work with a signal construction or signal systems crew installing, repairing, maintaining, and modifying electric and microprocessor based traffic signal control devices and video and computer communications systems.

REQUIREMENTS

1. Completion of a recognized apprenticeship as an electrician, which provides experience or training in electrical or electronic control work; or
2. Two years of full-time paid experience as an Assistant Signal Systems Electrician with the City of Los Angeles or two years of full-time paid experience performing electrical or electronics control work. Both require 18 semester units or 27 quarter units in electrical or electronic technology, such as Basic Electrical and Electronics Theory, Solid State Devices and Circuitry, Digital Electronics, and Microprocessors and Microcomputers at a recognized college or trade school; Successful completion of a military electrician or electronics course of 24 weeks or longer may be substituted for the educational requirement specified above; or
3. Four years of full-time paid experience as an Electrical Craft Helper with the City of Los Angeles and completion of the educational requirements specified in requirement #2.

NOTES:

1. Applicants filing under Requirement #1 must submit a copy of their apprenticeship certificate within (7) seven calendar days of filing their applications. Applicants who fail to submit these documents within the time required will not be considered further in this examination and their applications will not be processed. Applicants may attach the document to their on-line application at the time of filing, or will have (7) seven calendar days from the submittal of their on-line application to submit the document to Personnel Department building, 700 E. Temple Street, Room 100, Los Angeles, CA 90012.
2. Applicants filing under Requirement #2 must list the school name, location, course titles, number of semester or quarter units, and completion dates in the Supplemental Question Section of the on-line application. Applicants who fail to do so will not be considered any further in this examination and their application will not be processed.
3. Some positions may require a valid California driver's license. Candidates may not be eligible for appointment to these positions if their record within the last 36 months reflects three or more moving violations and/or at-fault accidents, or a conviction of a major moving violation (such as DUI).
4. A class B driver's license, a Rubber Tired Tractor B Operator's license and a Hydrocrane Operator's license may be required for some positions. Prior to appointment to these positions, candidates must submit the appropriate licenses and a commercial driving history in accordance with the California Department of Motor Vehicles.
5. A valid state certified Crane Operator Certification may be required for some positions prior to appointment. Only persons who have the certification may be certified in order of standing on the eligible list to fill such positions.

WHERE TO APPLY

Applications will only be accepted online. **When you are viewing the online job bulletin of your choice, simply scroll to the top of the page and select the "Apply" icon.** Online job bulletins are also available at <http://agency.governmentjobs.com/lacity/default.cfm> for Open Competitive Examinations and at <http://agency.governmentjobs.com/lacity/default.cfm?promotionaljobs=1> for Promotional Examinations.

NOTE:

Applicants are urged to apply early to ensure you have time to resolve any technical issues that you may encounter.

AN EQUAL EMPLOYMENT OPPORTUNITY EMPLOYER

APPLICATION DEADLINE

This examination may close without prior notice at any time after a sufficient number of applications have been received. For administrative purposes, filing may close periodically and reopen the following day.

In accordance with Civil Service Rule 4.2, all applicants who apply may not be tested in this examination. To meet anticipated hiring needs, only a limited number of qualified applicants will be invited to participate in the written test in the following order: 1) Los Angeles City Promotional applicants who meet the minimum requirements. You must have received a regular appointment to a City position or be on a reserve list to apply for this examination as a promotional candidate; 2) Applicants currently employed by the City of Los Angeles on a part-time or exempt basis who meet the minimum requirements; 3) Remaining applicants who meet the minimum requirements in sufficient numbers to meet hiring needs in the order that applications were received. Applications submitted during the filing period will be kept on file for two years in the event that additional applicants need to be tested to meet hiring needs.

SELECTION PROCESS

Examination Weight: Written Test100%

In the written test, which will consist of multiple-choice questions, candidates may be examined for knowledge of: the contents of the National Electric Code (NEC) at a level sufficient to extract information necessary to perform installation, maintenance, or repair of traffic signals; methods for removing insulation from solid and stranded wires; devices, methods, and products for splicing wires; basic electricity and electronics such as Ohm's Law in order to design, construct, or repair traffic signal equipment; safety procedures used in field operations such as those contained in the Work Area Traffic Handbook (WATCH); safety procedures, practices, and regulations pertaining to tools, equipment, manual lifting, and ladders; potential electrical hazards required to prevent injury or electrocution; the ability to: schedule job or project steps that include materials and personnel needs in order to effectively accomplish a project; operate various power and pneumatic tools in order to complete excavations; use various hand tools and measuring devices in order to complete traffic signal work; utilize basic trouble shooting techniques to solve common electrical malfunctions; read and extract information from tables in order to properly set safety warning devices; read and understand various technical and reference materials in order to perform the construction, design, maintenance, or repair of traffic signals; interpret and use the readings from a variety of electrical test equipment in order to aid in the detection of faulty equipment; deal tactfully and effectively with the general public, crewmembers, and individuals outside the Department; and other necessary knowledge, skills, and abilities.

Candidates will be notified later by mail of the time and location of the written test, which will be held in a single half-day session in Los Angeles. The first administration of the written test date is **SATURDAY AUGUST 30, 2014**. Additional test dates may be added as needed.

NOTES:

1. This examination is based on a validation study, and as provided by Civil Service Commission Rule 4.20, the written test will not be subject to candidate inspection.
2. You may take this test only once every 365 days during the administration of this examination.
3. Based on City Policy, before being hired in one of these positions, you may be required to undergo a drug and alcohol screening test.
4. The promotional list will ordinarily be used ahead of the open competitive list. However, if open competitive candidates receive a higher score, without military credits, than the highest available promotional candidate, after adding 0.25 of a point seniority credit for each year of continuous classified service, the Civil Service Commission, upon request of the appointing authority, may approve certification of such open competitive candidates ahead of the promotional candidates.
5. As a covered entity under the Fair Employment and Housing Act and Title II of the Americans with Disabilities Act, the City of Los Angeles does not discriminate on the basis of disability and upon request, will provide reasonable accommodations to ensure equal access to its programs, services, and activities. To request a disability accommodation, please complete the Disability Accommodation Form within 14 calendar days of the submittal of the City application. The Disability Accommodation Form can be obtained at http://per.lacity.org/exams/verify_disability.pdf.
6. Applications are accepted subject to review to ensure that minimum qualifications are met. Candidates may be disqualified at any time if it is determined that they do not possess the minimum qualifications stated on this bulletin.
7. A final average score of 70% is required to be placed on the eligible list.
8. You must have received a regular appointment to a City position or be on a reserve list to file on a promotional basis.
9. In conjunction with Civil Service Rules, applicants who have received a regular appointment to a City position or are on a reserve list will be considered Promotional candidates while all other applicants will be considered Open candidates.
10. Your rank on the eligible list may change as the scores of candidates from other administrations of this examination are merged onto one list.

NOTICE:

If you receive and accept an offer of employment to a regular position with the City of Los Angeles, your employee benefit coverage (including health and dental coverage as well as life insurance) will commence approximately six weeks after your original regular appointment. Not all positions in the City receive benefit coverage; you should inquire regarding the availability of employee benefits prior to accepting a position.

THIS EXAMINATION IS TO BE GIVEN BOTH ON AN INTERDEPARTMENTAL PROMOTIONAL AND AN OPEN COMPETITIVE BASIS

The City of Los Angeles does not discriminate on the basis of race, religion, national origin, sex, age, marital status, sexual orientation, gender identity, gender expression, disability, creed, color, ancestry, medical condition (cancer), or Acquired Immune Deficiency Syndrome.