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Minimum Qualification Specifications  
for the Class:

AIR QUALITY ELECTRONICS TECHNICIAN I

Experience Requirements:

Applicants must have had one (1) year of technical experience in calibrating, maintaining and repairing electronic air monitoring equipment such as spectrophotometer, carbon monoxide analyzer, nitric oxide-nitrogen dioxide analyzer or electronic analysis equipment of equivalent complexity and sophistication. Such experience must also have demonstrated that the technician possess either knowledge of or the ability to operate such equipment and to perform standardized corroborative statistical and/or chemical tests, procedures or formulae used in verifying the previously cited electronic air monitoring equipment's accuracy.

Quality of Experience:

Possession of the required amount of experience will not in itself be accepted as proof of qualification for the position. The experience must have been of such scope and responsibility as to conclusively demonstrate that the applicant has the ability to perform the duties of the position; i.e., the experience must show that the applicant possesses the knowledge and the ability to apply electronic principles, including the principles of vacuum tubes or transistors, principles of electronic circuitry, calibration of electronic equipment comparable in complexity to that used for air quality monitoring; and the ability to read and interpret schematic and/or circuitry diagrams.

Selective Certification:

For certain positions, because of the specialized nature of the duties and responsibilities, certification and selection may be restricted to eligibles who possess the pertinent experience and training necessary to perform the work. Departments requesting selective certification must show the connection, in writing, between the kind of training or experience on which they wish to base selective certification and the duties of the position to be filled.

Tests:

All applicants must qualify on the appropriate test for the class. For non-competitive actions, this examination may be waived.

Applicants must be physically able to perform efficiently the duties of the position, which are described elsewhere in this specification. Good distant vision in one eye and ability to read without strain printed material the size of typewritten characters are required, glasses permitted. Ability to hear the conversational voice, with or without a hearing aid, is required. In most instances, an amputation of arm, hand, leg or foot will not disqualify an applicant for appointment, although it may be necessary that this condition be compensated by use of satisfactory prosthesis. Any physical condition which would cause the applicant to be a hazard to himself or to others will disqualify for appointment. In addition, applicant must possess the ability to distinguish shades of color and must possess emotional and mental stability.

A person with a handicap will be considered upon demonstration of ability to perform the required tasks or have the ability or means to compensate for his handicap sufficiently to perform the job.

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This is the first minimum qualification specification for the new class AIR QUALITY ELECTRONICS TECHNICIAN.

DATE APPROVED: 3/21/77

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DONALD BOTELHO  
Director of Personnel Services

Note: Change title from Air Quality Electronics Technician to Air Quality Electronics Technician I.