

CLASS TITLE: PRINCIPAL AIR QUALITY SPECIALIST

Class Code: 02992400
Pay Grade: 32A
EO: B

CLASS DEFINITION:

GENERAL STATEMENT OF DUTIES: To be responsible for the supervision and direction of an assigned section within the Division of Air Resources, Department of Environmental Management, including the administration of a specific air quality control engineering program; to perform professional engineering work within the section involving the most difficult and complex problems in air quality control engineering; and to do related work as required.

SUPERVISION RECEIVED: Works under the general supervision of the Division Chief with wide latitude for the exercise of initiative and independent judgement; work is subject to review through consultation and submitted reports for conformance to established policies and objectives and accepted air quality control engineering methods and techniques.

SUPERVISION EXERCISED: Plans, assigns, supervises and reviews the work of a professional, sub-professional, technical, and clerical staff within an assigned section.

ILLUSTRATIVE EXAMPLES OF WORK PERFORMED:

To be responsible for the supervision of an assigned section within the Division of Air Resources, Department of Environmental Management, including the administration of a specific air quality control engineering program.

As assigned, to supervise and administer an air quality control engineering program involving such activities as: assuring compliance with air quality control regulations and preparation of new or modified compliance programs, reviewing technical applications for approval to construct, install or modify equipment which may emit air pollutants and air quality control systems; reviewing technical inspections of large air quality sources to assure maintenance of compliance with regulations, recommending that enforcement action be taken when necessary to achieve compliance with air quality control regulations; and providing technical advice to industries and municipalities relating to the solution of air quality problems; or

As assigned, to supervise and administer an air quality control engineering program involving such activities as: preparation of technical plans for the attainment and maintenance of federal and state air quality standards; preparation of new or modification to existing air quality monitoring programs; reviewing air quality evaluations of environmental impact statements; summarization and evaluation of current air quality; preparation of air quality standards and air quality control regulations; or

As assigned, to supervise and administer any other similar air quality control engineering program in an assigned section with responsibility within the division.

To perform professional engineering work within the section involving the most difficult and complex problems in air quality control engineering.

To do related work as required.

REQUIRED QUALIFICATIONS FOR APPOINTMENT:

KNOWLEDGES, SKILLS AND CAPACITIES: A thorough knowledge of the principles and practices of air quality control engineering and air quality monitoring as they relate to the control or limitation of emissions from all air pollution sources and the attainment and maintenance of air quality standards; a working knowledge of public health and welfare problems resulting from air contaminants; the ability to read and interpret complex engineering plans and specifications, particularly those relating to industrial,

municipal and institutional facilities; the ability to make recommendations on complex engineering problems relating to the improvement of design, location, operation and maintenance of such facilities; the ability to plan, supervise and participate in air quality control engineering investigations; the ability to evaluate air quality data with regard to air quality control regulations and air quality standards; and related capacities and abilities.

EDUCATION AND EXPERIENCE:

Education: Such as may have been gained through: graduation from a college of recognized standing with specialization in either Environmental Engineering, Civil Engineering with a Sanitary Option, or Chemical Engineering and advanced study, at the Graduate level, in Environmental Engineering; and

Experience: Such as may have been gained through: employment in a responsible supervising position in the field of air quality control engineering involving industrial and municipal treatment or air pollution; or detection and monitoring of air contaminants.

Or, any combination of education and experience that shall be substantially equivalent to the above education and experience.

Class Revised: September 18, 1994

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