

**CLASS TITLE: ENVIRONMENTAL QUALITY TECHNICIAN**

**Class Code: 02750200**  
**Pay Grade: 19A**  
**EO: C**

**CLASS DEFINITION:**

**GENERAL STATEMENT OF DUTIES:** To perform a variety of environmental field inspections in connection with the preservation, protection and improvement of the air and land resources of the state; and to do related work as required.

**SUPERVISION RECEIVED:** Works under the close supervision of a superior from whom specific instructions are received and who evaluates the work through the review of reports, conferences and field visits.

**SUPERVISION EXERCISED:** Usually none.

**ILLUSTRATIVE EXAMPLES OF WORK PERFORMED:**

To perform field inspections in connection with the preservation protection and improvement of the air and land resources of the state.

To determine the opacity of smoke emitted from stationary and marine chimneys, and record smoke emissions to determine compliance with air pollution control laws, rules and regulations.

To collect criteria and potentially toxic air samples and have them analyzed in the laboratory to determine the presence in the outdoor atmosphere of one or more air contaminants which in sufficient quantities, alone or in conjunction with other emissions by reason of both their concentration and duration, may be injurious to human, plant or animal life, or cause damage to property or inconvenience to property owners, or create a disagreeable or unnatural odor or obscure visibility or which in any way interferes with the enjoyment of life and property.

To inspect the various elements of the manufacturing process in industrial establishments, including materials and production equipment used, for the purpose locating malfunction and potential sources of air pollution.

To inspect a variety of air pollution control systems in industrial establishments, including scrubbers, cyclones, after burners and emission monitoring devices, in order to determine that such equipment is functioning properly.

To investigate complaints relating to smoke or other air contaminant nuisances or the illegal disposal of solid or hazardous waste by interviewing complainants and the owners and operators of equipment or property causing the complaint to determine whether or not there are any violations of air pollution or solid and hazardous waste control laws and regulations.

To prepare reports of field inspections and other activities with findings and recommendations.

To inspect solid and hazardous waste facilities for the purpose of determining compliance with rules and regulations promulgated by the department.

To do related work as required.

**REQUIRED QUALIFICATIONS FOR APPOINTMENT:**

**KNOWLEDGES, SKILLS AND CAPACITIES:** A working knowledge of, and the ability to interpret and apply, state laws and regulations governing solid and hazardous waste management and air pollution control; a familiarity with the properties of the various fuels, and the combustion process in boilers and other fuel burning equipment which can emit air contaminants; a working knowledge of industrial production equipment and materials and air pollution control systems and the ability to prepare and set up air pollution monitoring equipment; the ability to establish and maintain effective working relations with

plant officials and operators relative to solid and hazardous waste management and air pollution control; the ability to prepare reports of field inspections and other activities associated with air and solid and hazardous waste management; and related capacities and abilities.

**EDUCATION AND EXPERIENCE:**

Education: Such as may have been gained through: graduation from a junior college of recognized standing with courses in engineering, chemistry, sanitary science or biology; or

Experience: Such as may have been gained through: employment in environmental quality inspection work in some phase of environmental health.

SPECIAL REQUIREMENT: Within six months of appointment must obtain certification for opacity monitoring, using EPA approved method, and must maintain, at successive six month intervals thereafter, said certification.

Class Revised: March 22, 1992

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