

**STATE OF OHIO (DAS)**CLASSIFICATION  
SPECIFICATION**CLASSIFICATION SERIES:**

Air Quality Engineer

**SERIES NO.:**

8572

**MAJOR AGENCIES:**

Environmental Protection Agency

**EFFECTIVE DATE:**

01/05/1997

**SERIES PURPOSE:**

The purpose of the air quality engineer occupation is to administer/coordinate air quality program.

At the full performance level, incumbents act as lead worker over lower-level engineers.

At the supervisory level, incumbents supervise & direct staff & activities of engineering section.

**CLASS TITLE:**

Air Quality Engineer 1

**CLASS NUMBER:**

85721

**EFFECTIVE DATE:**

03/26/1990

**CLASS CONCEPT:**

The full performance level class works under direction & requires thorough knowledge of engineering in order to act as lead worker over lower-level engineers & evaluate industries for compliance to state pollution laws.

**CLASS TITLE:**

Air Quality Engineer 2

**CLASS NUMBER:**

85722

**EFFECTIVE DATE:**

01/05/1997

**CLASS CONCEPT:**

The supervisory level class works under general direction & requires extensive knowledge of engineering & supervisory principles & techniques in order to supervise staff & activities of engineering section pertaining to air quality control (e.g., permit review, industrial pollution) establish air quality program priorities & develop work procedures & standards.

<b>CLASS TITLE:</b> Air Quality Engineer 1	<b>CLASS NUMBER:</b> 85721	<b>BARGAINING UNIT:</b> 13
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**EFFECTIVE DATE:**

03/26/1990

**JOB DUTIES IN ORDER OF IMPORTANCE:** (These duties are illustrative only. Incumbents may perform some or all of these duties or other job-related duties as assigned.)

Acts as lead worker (i.e., provides work & training) over lower-level engineers to ensure that all agency policies & procedures are followed when performing their duties.

Reviews & processes air permit applications, operating permits & permits to install air & water pollution control facilities.

Reviews & evaluates the technical feasibility of water control facilities; prepares written recommendations for improvement on facilities; conducts inspections of industries for compliance to state pollution laws.

Provides written or verbal technical assistance to industries, municipalities & consulting inquiries.

Participates in conferences & seminars; interviews &/or assists in interviewing prospective employees.

**MAJOR WORKER CHARACTERISTICS:**

Knowledge of supervision\*; interviewing; engineering. Ability to understand engineering; establish friendly atmosphere as lead worker; use algebra; complete routine forms; cooperate with co-workers on group projects; collect data, establish facts & draw valid conclusions\*; deal with large number of variables & determine specific course of action.

(\* )Developed after employment.

**MINIMUM CLASS QUALIFICATIONS FOR EMPLOYMENT:**

Certificate of registration as professional engineer issued by Ohio Board of Registration for Professional Engineers & Surveyors; 1 yr. exp. as registered, professional engineer.

**TRAINING AND DEVELOPMENT REQUIRED TO REMAIN IN THE CLASSIFICATION AFTER EMPLOYMENT:**

N.A.

**UNUSUAL WORKING CONDITIONS:**

N.A.

<b>CLASS TITLE:</b> Air Quality Engineer 2	<b>CLASS NUMBER:</b> 85722	<b>BARGAINING UNIT:</b> 22
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**EFFECTIVE DATE:**  
01/05/1997

**JOB DUTIES IN ORDER OF IMPORTANCE:** (These duties are illustrative only. Incumbents may perform some or all of these duties or other job-related duties as assigned.)

Supervises staff of environmental engineers, air quality engineers & support personnel involved in variety of activities related to air pollution control, assigns & reviews work of staff, evaluates performance, provides advice & guidance & trains new personnel.

Plans & directs activities of engineering section related to air quality control (e.g., permit review, industrial pollution), establishes program priorities & develops work procedures & standards.

Provides technical advice & assistance to field personnel, other governmental agencies & private industry on matters relating to air pollution control & engineering.

Participates in formulation of air pollution control policies.

**MAJOR WORKER CHARACTERISTICS:**

Knowledge of management\*; supervision; engineering. Ability to define problems & collect data, establish facts & draw valid conclusion; establish friendly atmosphere as supervisor of work unit; handle sensitive contacts with public and government officials.

(\*)Developed after employment.

**MINIMUM CLASS QUALIFICATIONS FOR EMPLOYMENT:**

Certificate of registration as professional engineer issued by Ohio Board of Registration for Professional Engineers & Surveyors; 3 yrs. exp. as registered, professional engineer, 6 months of which was as lead worker or supervisor or in administrative capacity.

**TRAINING AND DEVELOPMENT REQUIRED TO REMAIN IN THE CLASSIFICATION AFTER EMPLOYMENT:**

N.A.

**UNUSUAL WORKING CONDITIONS:**

N.A.