



Engineer 1

Job Description

TITLE

Engineer 1

SUPERVISOR

Engineering Supervisor

POSITIONS SUPERVISED

None

SALARY RANGE

Range 28

EMPLOYEE STATUS

Overtime eligible; Full-time; Regular; Salaried

CREATION/REVISION DATE

January 22, 2024

PURPOSE OF POSITION

An Engineer 1 with ORCAA provides engineering support capabilities needed to implement programs required of clean air agencies under the Washington Clean Air Act. The core programs among these include the New Source Review (NSR) preconstruction permit, Registration, and Title V Air Operating Permit (AOP) programs. Although the primary purpose of the Engineer 1 position is to support work in these three core programs, work supporting other programs, rule-development and program development may also be required of the position. An Engineer 1 is expected to operate under direction and supervision of ORCAA's Engineering Supervisor. The objective of the position is to provide reliable, high quality engineering work products consistent with ORCAA's established standard templates and procedures.

ESSENTIAL FUNCTIONS/RESPONSIBILITIES/DUTIES

- Evaluates air quality implications of a wide variety of air industrial and commercial facilities that emit air pollution including calculating air pollutant emissions rates and determining whether there is an increase in emissions, determining ambient air quality impacts and whether a facility may cause or contribute to violation of a National Ambient Air Quality Standard (NAAQS), determining compliance with applicable air-related rules and regulations, and evaluating the feasibility and effectiveness of air pollution control technology.
- Assists in the review of AOP and NSR preconstruction permit applications including working with project proponents in advance of submitting an application, summarizing findings in a

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written staff report, drafting the air permit, initiating public notice and outreach, and drafting responses to public concerns and comments.

- Assists in conducting inspections including interacting with source representatives regarding compliance; providing recommendations regarding steps necessary for compliance; gathering required data and information; issuing Notices of Violation for alleged infractions, as appropriate; completing and submitting reports; and inputting data into agency database.
- Assists in the agency's annual inventory of air pollutant emissions from stationary sources.
- Assists in developing new air regulatory programs to address air impacts or concerns such as air impacts from new, emerging source categories.
- Assists in rule writing in conjunction with maintaining ORCAA's rules or to address new air programs required by state and/or federal clean air laws.

QUALIFICATIONS

Required Education:

Bachelor's degree from an accredited college or university in engineering or closely related field

Experience

Experience working in the air quality or another environmental field is desired

Knowledge and Skills

- Demonstrated talent for effective written and verbal communication of complex concepts
- Knowledge of general Chemistry and Physics
- Ability to organize and manage multiple priorities.

Licenses/Certifications

Valid Washington state driver's license

Engineer-in-Training (EIT) certificate is preferred

WORKING CONDITIONS AND PHYSICAL DEMANDS

- Most of the work required of an Engineer 1 involves reading regulations and other materials and composing written products from a PC or laptop. Work is performed at ORCAA's office. However, working from a home office for certain types of work or projects may be approved by the Engineer Supervisor, consistent with ORCAA's work at home policy.
- Frequent meetings, collaborations, and other interactions with ORCAA staff members, members of other agencies such as EPA and the Washington State Department of Ecology, the public, and project proponents are required and are common. These may be in person, by phone, or conducted virtually.

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- Routine Occasional on-site inspections of the facilities ORCAA regulates are required. These facilities may include mechanical, chemical, manufacturing, combustion and other industrial equipment requiring special safety precautions and protective equipment.
- Ability to move within an industrial environment is required and may involve climbing stairways, climbing ladders, stooping, ducking, and avoiding hazards while performing an inspection.
- Travel may be involved and may include up to 5 hours of driving within Washington. Infrequent overnight stays while conducting field inspections, participating in trainings, or while attending conferences may also be required.

This job description is a summary rather than a detailed list of the duties performed. Olympic Region Clean Air Agency provides reasonable accommodations to assist qualified individuals to perform the essential functions their job requires.