

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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Austin, Texas 78711-3087
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State Title: Engineering Specialist I
Functional Title: Modeling & Assessment Spec I
Job Posting: 14162
Monthly Salary: \$3020.91
Posting Date: 01/23/2014
Close Date: 02/06/2014
Section/Division: Air Modeling And Data Analysis Section/ Air Quality Division
Work Location: 12100 Park 35 Circle, Austin, TX 78753
Openings: One(1)
Position #(s): 0492

Job Description:

Performs routine processing, evaluating and quality assurance of data for input into photochemical air pollution computer simulation, as required by the Federal Clean Air Act (FCAA) amendments of 1990 for State Implementation Plans and other air quality technical projects. Conducts basic collection, analysis and quality assurance of raw emissions inventory or meteorological data necessary to conduct photochemical air pollution modeling required by the FCAA amendments. Executes emissions or meteorological preprocessors with peer review by senior staff prior to input to photochemical air pollution computer modeling required for State Implementation Plans. Prepares written reports, plans or other technical documentation for the Environmental Protection Agency, the public and other stakeholders regarding results of photochemical air pollution modeling or other activities of the Air Modeling team. Answers basic questions related to air pollution photochemical modeling, emissions inventory development and processing from other agency divisions, management and stakeholders.

Minimum Qualifications:

A bachelor's degree in engineering, a basic or natural science, mathematics, or related field from an accredited college or university (COPY OF OFFICIAL TRANSCRIPT REQUIRED WITH APPLICATION).

Preferred Requirements:

Experience manipulating databases for input to computer simulations or visualization software.
Experience collecting, analyzing or processing raw emissions or meteorological data.
Experience developing reports, letters, or other technical documents.
Experience making presentations, communicating with customers verbally or in writing.
Experience using word processing, spreadsheet and/or database software.
Experience solving problems by writing computer programs.
Experience with the Linux operating system.

Special Requirements:

Moving up to 10 pounds of papers/reports.
Traveling up to 10% of the time.
The agency will review the applicant's driving history in connection with the use of a vehicle in the performance of the job.

Condition of Employment:

TCEQ will verify Selective Service registration for males born on or after January 1, 1960. If exempt from Selective Service registration selected candidate must provide proof of exemption on first day of employment.
Offers of employment are contingent on the candidate having legal authorization to work for the TCEQ.
TCEQ will conduct a criminal history records search on candidates selected for posted vacancies.
Only applicants who are interviewed will receive written non-selection notification.

Submit a standard State of Texas application for **each job posting** to the Texas Commission on Environmental Quality, Human Resources & Staff Services (HRSS) office by 5:00 p.m. on the closing date. A signed faxed or emailed copy is acceptable. In compliance with ADA, if you need any special accommodations during the employment process, please contact HRSS for assistance.

Texas Commission on Environmental Quality is an Equal Opportunity Employer