

# ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY

We are looking for results-oriented, driven individuals with a thirst for problem solving.

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## Environmental Engineering Specialist 1, 2, 3 Improvement Planning Section AIR QUALITY DIVISION

### JOB SUMMARY

At ADEQ our vision is to be the number one state in the nation in balanced, leading-edge environmental protection; through technical and operational excellence; and radical simplicity for customers and staff. We are currently looking for employees who are committed to our Agency, passionate to excel in their career and engaged in our mission. Only this caliber of employee will be successful in driving our Agency towards accomplishing our vision.

As an **Environmental Engineering Specialist**, you will research, design, plan, or perform engineering duties in the support of revisions to Arizona's State Implementation Plan under the Federal Clean Air Act. Work may include:

- 1) Conduct photochemical modeling (CAMx preferred), and run associated models, including WRF, MOVES, and SMOKE;
- 2) Calculate emission inventories from natural and anthropogenic sources, using EPA-approvable methodologies;
- 3) Conduct statistical analyses, literature reviews, and research to better understand the nature and cause of air quality problems in the State;
- 4) Develop associated documents for the tasks above, including modeling protocols and technical support documents, emission inventory preparation plans and technical support documents, and reports and presentations of research.

### Salary Ranges:

Level 1: \$52,000-\$57,000

Level 2: \$58,000-\$65,000

Level 3: \$67,000-\$77,000

Do you think you have the combination of commitment, passion, and talent to help drive this Agency to realizing our vision? If so, **apply today**. To learn more about us, our organizational habits known as the ADEQ Way, our culture, and other positions we have open, visit us at [DEQ/careers](#)

### IDEAL CANDIDATE

Ideal candidate will possess:

- Bachelor's degree in environmental or chemical engineering
- no experience needed for **level 1**
- 2 years' experience for **level 2** (Master's or Doctorate degree may substitute for 2 years of experience)
- 5 years' experience for **level 3** (Master's degree can substitute for 2 years of experience, Doctorate can substitute for 4 years of experience)

- Ability to understand and interpret environmental rules and statutes; balance, prioritize and organize multiple tasks and complete assignments by applicable deadlines; synthesize feedback and adjust plans accordingly; develop and write technical documentation; and to summarize completed tasks and recommendations to senior staff through reports.
- Knowledge of State and Federal environmental regulations, environmental engineering and technology principles and practices, chemical composition, structure and properties of substances and of the chemical processes and transformations they undergo in the environment, Agency policies and processes.
- **Engineer in Training/Fundamentals in Engineering** certification preferred for **level 1-3** through the Arizona Board of Technical Registration or equivalent organization in reciprocal jurisdiction.

## BENEFITS

Among the many benefits of a career with the State of Arizona, there are:

- 10 paid holidays per year
- Accrual of sick and annual leave beginning at 12 and 13 days per year respectively for full-time employees
- A top-ranked [retirement program](#) with lifetime pension benefits
- A [robust and affordable insurance](#) plan to include medical, dental, life, short-term and long-term disability
- An incentivized [commuter club](#) and public transportation [subsidy program](#)
- We promote the importance of work/life balance by offering workplace flexibility
- We offer a variety of learning and career development opportunities