

Market Range Detail - Air Quality Engineer

Effective Date

October 24, 2016

Market Range Title Description

PURPOSE STATEMENT

Positions in this market range title are responsible for performing advanced engineering work of considerable complexity to review and process air quality permit applications for a variety of sources that emit or generate air pollutants; regulates with the delegated authority from the federal Environmental Protection Agency (EPA) for the purpose of achieving the highest air quality in Maricopa County for people to live and breathe clean air.

PRIMARY DUTIES

This job may include the following job duties and is not an all-inclusive list of all job duties that may be required. Employees will be required to perform other related duties as assigned.

- Perform technical review of permit applications, engineering drawings, data sheets and technical plans for diverse stationary air pollution sources utilizing independent judgment. Negotiate and prepare highly technical permit conditions (including operational limitations and monitoring, reporting, recordkeeping and testing requirements) and supporting technical documentation to determine conformance with federal and local air quality rules and regulations. Participate in the public hearing process including oral and written response to comments. May be assisted by or direct other engineers and technicians.
- Conduct research, perform engineering analysis and evaluate technical information in order to determine if facilities meet applicable rules and regulations, acceptable engineering standards and specifications. Interpret and apply federal and local rules and regulations pertaining to air quality.
- Provide clear and accurate technical guidance to the regulated community, consultants, attorneys, other agencies and the public regarding environmental regulations, permitting and testing issues. Establish successful working relationships with the above-mentioned groups through effective communication using phone calls, meetings, hearings, and written correspondence.
- Provide peer review of work performed by Engineering Associates for completeness, sound analyses of air emissions standards and regulatory considerations. Ensure permits are enforceable and meet all applicable regulatory requirements and are supported by a complete technical evaluation. Provide Engineering Associates with substantive constructive feedback.
- Collaborate with regulatory agencies such as Environmental Protection Agency (EPA), National Association of Clear Air Agencies (NACAA), and Arizona Department of Environmental Quality (ADEQ) for regulation interpretation and to provide input on regional issues.
- Prepare written policy documents, case studies and rule interpretations. Prepare and update standard permitting templates.
- Lead the division effort to contribute technical expertise to other departmental employees during rule development, departmental policy and procedure development, inspection activities and enforcement actions.
- Provide mentoring activities for new engineers and training to staff and external stakeholders regarding rules and regulatory requirements.
- Maintain effective project management skills including the ability to assess and prioritize multiple tasks, projects and demands.
- Remain current on changes in technology, regulations and test methodologies through research, training courses and professional seminars.
- Serve as MACT coordinator by initiating training, maintaining a master list of affected sources and maintaining MACT documentation.

Glossary:

Market Range Title: Broad grouping of related positions with like job responsibilities and qualifications. Market Range Titles typically include positions ranging from entry level to senior/lead level unless indicated otherwise.

Effective date: The date the salary range was implemented for use.

Market Range Title Description: Broad description of sample job duties and responsibilities of positions included in the Market Range Title. Each position included in a Market Range Title also has a job description that is specific to the department. Departments are responsible for writing and maintaining job descriptions for positions in their department. Employee Compensation is responsible for writing and maintaining Market Range Title Descriptions.

Likely Minimum Qualifications: Typical minimum qualifications for positions assigned to the Market Range Title. Because a broad group of jobs in different departments are included in a Market Range Title, minimum and preferred qualifications may vary slightly depending on the area of assignment.

Market Range: The minimum, midpoint, and maximum salary points for all positions included in the Market Range Title.

Hiring Range: The hiring range for all positions is ordinarily the minimum of the market range to the midpoint. The use of a different hiring range must be approved by Employee Compensation. Departments should use a hiring range that is within their funding capabilities and are required to comply with the County's Funded Position Policy ensuring that applicants are extended a rate that is supported by the department's budget.

Working Title: The specific title used by a department to identify a position within their organizational structure. Use of working titles is flexible and aimed to assist departments in identifying the unique functions and responsibilities of each position and is representative of the assigned Market Range Title. Ordinarily, supervisory and/or managerial titles should not be used for positions not assigned to a supervisory and/or manager Market Range Title.

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Market Range

Minimum Hourly Rate	Midpoint / Hiring Maximum	Maximum Hourly Rate
\$31.00	\$37.65	\$44.30

Likely Minimum Qualifications

- Other combinations of education and experience may be considered in substitution for the minimum qualifications.
- A Bachelor of Science Degree in Engineering, Atmospheric Physics, Physics, or Chemistry from an accredited college or university is required and a minimum of five years of air quality engineering experience.

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