



## HUMAN POTENTIAL OFFICE

*Integrity | Partnership | Results*

### EV Engineering Job Family- Class Specifications

Job Title	EV Engineering Specialist I	EV Engineering Specialist II	EV Engineering Specialist III	EV Associate Engineer	EV Senior Engineer	EV Principal Engineer
Job Code	AUN	AUN	AUN	AUN	AUN	AUN
FLSA Status	Non-Exempt	Exempt	Exempt	Exempt	Exempt	Exempt
EEO Occupational Code						
Summary	Research, design, plan, or perform engineering duties in the prevention, control, and remediation of environmental hazards using various engineering disciplines. Work may include waste treatment, site remediation, or pollution control technology.					
Primary Duties & Responsibilities	<p>Review and evaluate environmental permit applications, reports, facility designs, plans and cost estimates.</p> <p>Develop permits, action plans and recommendations based on the review and evaluation.</p> <p>Participate in site visits, data collection, inspections, and investigations regarding environmental topics.</p> <p>Review technical/program documents and applications.</p> <p>Perform environmental calculations based on provided methodologies.</p> <p>Provide technical assistance to the regulated community, staff, and the public pertaining to environmental impact and regulation.</p> <p>Assist in preparing environmental guidance documents.</p>					

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<p>KSA's</p>	<p>Knowledge of:</p> <ul style="list-style-type: none"> <li>• State and Federal environmental regulations.</li> <li>• Environmental engineering and technology principles and practices.</li> <li>• Agency policies, state and federal environmental regulations.</li> <li>• Arithmetic, algebra, geometry, statistics, and their applications.</li> <li>• Chemical composition, structure and properties of substances and of the chemical processes and transformations they undergo in the environment.</li> </ul> <p>Skill/Ability to:</p> <ul style="list-style-type: none"> <li>• Strong customer service skills.</li> <li>• Excellent interpersonal, written and oral communication skills.</li> <li>• Problem-solving skills and attention to detail.</li> <li>• Ability to balance, prioritize and organize multiple tasks and complete assignments by applicable deadlines.</li> <li>• Ability to synthesize feedback and adjust plans accordingly.</li> <li>• Ability to summarize completed tasks and recommendations to senior staff through reports.</li> <li>• Ability to develop and write technical documentation.</li> <li>• Ability to understand and interpret environmental rules and statutes to determine whether permit applications or plans and reports meet the requirements or request legal interpretation for complex issues.</li> </ul>					
<p><b>Level Guide</b></p>	<p><b>Level I</b> – Review and evaluate basic/simple environmental permit applications, reports, facility designs, plans and cost estimates. Assist with site</p>	<p><b>Level II</b> – Review and evaluate environmental permit applications, reports, facility designs, plans and cost estimates. Participate in site visits, data</p>	<p><b>Level III</b> – Review and evaluate complex environmental permit applications, reports, facility designs, plans and cost estimates. Lead site visits, data collection, inspections, and investigations regarding</p>	<p><b>Associate</b> - Review and evaluate complex environmental permit applications, reports, facility designs, plans</p>	<p><b>Senior</b> - Coordinate the review and evaluation of the most difficult and complex environmental permit applications, reports, facility</p>	<p><b>Principal</b> - Work directly with Division Director as technical authority on the most difficult and high profile issues and provide final technical opinion for the agency.</p>

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	<p>visits, data collection, inspections, and investigations regarding environmental topics. Review and provide basic technical/program documents and applications pertaining to environmental impact and regulation; assistance to the regulated community, staff, and the public pertaining to environmental impact and regulation; to industrial and municipal facilities, responsible parties and individuals to ensure compliance with environmental laws and regulations. Gather data for the development and execution of tests and experiments to</p>	<p>collection, inspections, and investigations regarding environmental topics. Perform complex environmental calculations based on provided methodologies. Provide technical guidance to industrial and municipal facilities, responsible parties and individuals to ensure compliance with environmental laws and regulations. Participate in need assessment and selection of external contractor to perform environmental technical work, including scope and budget. Conduct oversight activities and participate in review of contractor developed reports. Assist in the planning and</p>	<p>environmental topics. Review complex technical/program documents and applications pertaining to environmental impact and regulation; technical assistance to the public, regulated community and ADEQ staff pertaining to environmental impact and regulation. Take prominent technical role in working with industrial and municipal facilities, responsible parties and individuals to ensure compliance with environmental laws and regulations. Plan and perform a variety of project or program activities such as establishing criteria; formulating projects; assessing program effectiveness; investigating or analyzing a variety of unusual conditions or questions to ensure compliance with environmental laws and</p>	<p>and cost estimates. Oversee site visits, data collection, inspections, and investigations regarding environmental topics. Perform complex environmental calculations based on provided methodologies. Participate in development of new methodologies and improvements to existing methodologies. Coordinate the development and execution of tests and experiments to increase accuracy and understanding of emissions estimates and environmental</p>	<p>designs, plans and cost estimates. Coordinate multi-media site visits, data collection, inspections, and investigations regarding complex environmental topics. Complete expert review of complex technical/program documents and applications pertaining to environmental impact and regulation. Review may include approval. Significant contributor for cross-divisional environmental issues. Lead the development of complex environmental calculations. Develop new methodologies and improvements to existing</p>	<p>Guide and direct multi-media site visits, data collection, inspections, and investigations regarding complex environmental topics; review and approval of complex technical/program documents and applications pertaining to environmental impact and regulation. Team lead for cross-divisional environmental issues; development of complex environmental calculation; development of new methodologies and improvements to existing methodologies for environmental calculations. Provide expert technical assistance to the public, regulated</p>
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	increase accuracy and understanding of emissions estimates and environmental pollution behavior.	performance of a variety of routine analytical and evaluative project or program duties to ensure compliance with environmental laws and regulations. Assist in preparing environmental guidance documents	regulations. Review technical work of lower level environmental engineers and technicians.	pollution behavior. Mentor staff and conduct technical review of work of lower level environmental engineers and technicians	methodologies for environmental calculations. Lead the development and execution of tests and experiments to increase accuracy and understanding of emissions estimates and environmental pollution behavior. Coordinate technical work assigned to lower level environmental engineers and present issues to supervisor.	community and ADEQ staff pertaining to environmental impact and regulation. Direct and approve hiring of external contractor to perform environmental technical work, based on need assessment, including scope and budget. Direct oversight activities and review of contractor developed reports. Guide and direct the technical work of lower level environmental engineers. Coordinate with supervisor regarding workloads and priorities.
Management of Resources	<b>Level I</b> N/A	<b>Level II</b> N/A	<b>Level III</b> May train junior resources	<b>Associate</b> Identifies required resources; trains, schedules and	<b>Senior</b> Identifies required resources; trains, schedules and monitors resources; may participate in	<b>Principal</b> Effectively track, leverage, and deploy innovation and advances within area of expertise

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				monitors resources; may participate in hiring	hiring	across ADEQ. Track, effectively share, and address emerging challenges within area of expertise across ADEQ. Lead cross-divisional professional practice groups within ADEQ.
Supervision Received	<b>Level I</b> High degree of supervision. Regularly provided specific instructions to complete tasks	<b>Level II</b> Moderate degree of supervision. Regularly provided specific instructions to complete tasks	<b>Level III</b> Works with minimal supervision and guidance.	<b>Associate</b> Works with little or no supervision	<b>Senior</b> Works independently	<b>Principal</b> Works independently  Participates in reviews of assigned and completed tasks
Budgetary Responsibility	<b>Level I</b> N/A	<b>Level II</b> N/A	<b>Level III</b> N/A	<b>Associate</b> N/A	<b>Senior</b> N/A	<b>Principal</b> N/A
Decision Making Authority	<b>Level I</b> N/A	<b>Level II</b> Assist in preparing environmental guidance documents	<b>Level III</b> Develop environmental guidance documents/outreach for regulated community.	<b>Associate</b> Provide internal training, technical outreach and presentations at technical conferences and public forums to inform,	<b>Senior</b> Lead internal training, technical outreach and presentations at technical conferences and public forums to inform, educate and promote interest in the	<b>Principal</b> Guide and direct internal training, technical outreach and presentations at technical conferences and public forums to inform, educate and promote interest in the environment;

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				educate and promote interest in the environment.	environment; serve as technical consultant and as a resource for peer review.	serve as technical consultant and as a resource for peer review.
Education & Experience	<p><b>Level I</b> Bachelor's of Science Degree in an engineering discipline</p>	<p><b>Level II</b> Bachelor's of Science Degree in an engineering discipline</p> <p>2 years of engineering experience</p> <p>Master's or Doctorate degree may substitute for two years of experience</p>	<p><b>Level III</b> Bachelor's of Science Degree in an engineering discipline.</p> <p>5 or more years of engineering experience</p> <p>Master's degree may substitute for two years of experience</p> <p>Doctorate may substitute for four years of experience</p>	<p><b>Associate</b> Bachelor's of Science Degree in an engineering discipline.</p> <p>8 or more years of engineering experience</p> <p>Master's degree may substitute for two years of experience</p> <p>Doctorate may substitute for four years of experience.</p>	<p><b>Senior</b> Bachelor's of Science Degree in an engineering discipline.</p> <p>Master's Degree preferred</p> <p>12 or more years of engineering experience</p> <p>Master's degree may substitute for two years of experience</p> <p>Doctorate may substitute for four years of experience</p>	<p><b>Principal</b> Master's Degree or higher in an engineering discipline.</p> <p>15 or more years of engineering experience</p> <p>Doctorate may substitute for four years of experience</p>

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Licensure / Certification	<b>Level I</b> N/A	<b>Level II</b> N/A	<b>Level III</b> N/A	<b>Associate</b> Professional Engineering certification through the Arizona Board of Technical Registration or an equivalent organization in a reciprocal jurisdiction is required	<b>Senior</b> Professional Engineering certification through the Arizona Board of Technical Registration or an equivalent organization in a reciprocal jurisdiction is required	<b>Principal</b> Professional Engineering certification through the Arizona Board of Technical Registration or an equivalent organization in a reciprocal jurisdiction is required
Other Selective Preferences	<b>Level I</b> “Engineer in-training” certification preferred through the Arizona Board of Technical Registration or an equivalent organization in a reciprocal jurisdiction	<b>Level II</b> “Engineer in-training” certification preferred through the Arizona Board of Technical Registration or an equivalent organization in a reciprocal jurisdiction.	<b>Level III</b> “Engineer in-training” certification required through the Arizona Board of Technical Registration or equivalent organization in reciprocal jurisdiction.  Professional Engineering certification through the AZ Board of Technical Registration or an equivalent org.	<b>Associate</b> N/A	<b>Senior</b> N/A	<b>Principal</b> N/A