



Gulf Coast Authority Job Posting

General	
Please apply at GCATX.ORG/Careers Page	
Position	Pay Range
Process Engineer	For Qualified Candidates IS ~ \$85,504-\$110,091
Job Summary	
<p>Process Engineer provides industrial wastewater process engineering support to various operating facilities. This will primarily involve monitoring day to day operation of the facility, troubleshooting, and working to optimize operations to maintain compliance with environmental permits. A secondary part of the position is to be part of project teams to review designs, develop operational plans during construction, and perform commissioning and start-up. For complex assignments, work is usually performed under supervision of other engineers. On less complex assignments work should be performed with minimal supervision. Reports to Assistant Director Process Engineering.</p>	
Typical Duties and Responsibilities	
<p>Provide technical support to industrial wastewater facility operations regarding process-related issues. This work may require design and performance of studies and analysis of existing data. Oversee small projects at the facilities and prepare Management of Change (MOC) documents as needed. Provide technical support to projects on process design issues including the development of P&IDs, process flow diagrams, and input on the selection of specific equipment. Provide input to and coordinate work of outside engineering consultants and suppliers doing work for GCA. Communicate clearly with facility managers, plant supervisors, facility operators and other GCA staff. Other related duties as assigned.</p>	
Knowledge, Skills, and Abilities	
<p>Knowledge of activated sludge wastewater treatment or industrial process experience, as well as chemical or environmental engineering principles and methods. Ability to read state and federal regulations, complex contract documents, technical manuals, specifications, and correspondence. Ability to perform complex engineering calculations as related to the design and operation of treatment facilities. Ability to write and edit technical specifications, contract agreements, correspondence, meeting minutes and memos. Ability to operate a motor vehicle. Ability to communicate orally in person and by telephone.</p>	
Environmental conditions	
<p>Work is performed indoors and outdoors for with some exposure to extreme heat (100° F) and cold (32° F). Work may involve exposure to potential noise, mechanical, electrical, explosive, fume/odor, dust/mite, chemical, and toxic waste hazards with proper precautionary procedures. Safety requirements include the ability to wear all personal protective equipment including full face respirator and supplied air.</p>	
Education, certification, and experience required	
<p>Bachelor of Science in Chemical, Environmental, or an environmental program under the Civil Engineering. At least two years of experience in process engineering preferably support of environmental control projects. Be able to qualify to become a licensed Professional Engineer in the State of Texas within three years. Valid Class "C" Texas Driver's license.</p>	
Physical requirements	
<p>Ability to sit while performing various job functions such as writing, operating computers, and other office activities. Ability to walk, stand, kneel, crouch/stoop, squat, twist the upper body and climb while performing project inspection and other job functions.</p>	
Summary and Timing	
<p>The above statements are intended to describe the general nature and level of work being performed by the person assigned to this job. They are not intended to be an exhaustive list of all responsibilities, duties, skills, and physical demands required of personnel so classified. Holding people assigned to this or any job to the expectations described herein does not constitute harassment in any form.</p>	