



City of Tempe

PLANT OPERATOR I+

JOB CLASSIFICATION INFORMATION			
<i>Job Code:</i>	528	<i>Department:</i>	Municipal Utilities
<i>Supervision Level:</i>	Non-Supervisor	<i>State Retirement Group:</i>	ASRS
<i>Status:</i>	Classified	<i>Market Group:</i>	Plant Operator II+
<i>Safety Sensitive / Drug Screen:</i>	Yes	<i>Physical:</i>	Yes

Click [here](#) for more job classification information including current salary range.

DISTINGUISHING CHARACTERISTICS

This is the entry and training level position in the Plant Operator series. This classification is distinguished from the Plant Operator II+ by the supervised performance of more routine tasks and duties assigned. Within Plant Operations, the Plant Operator I+ will assist in plant process control functions through on-the-job training and work with maintenance, electrical and instrument and control staff in performing maintenance of plant equipment at a water and/or wastewater treatment plant.

REPORTING RELATIONSHIPS

Receives supervision from the Plant Superintendent.

MINIMUM QUALIFICATIONS	
<i>Experience:</i>	Six (6) months of experience in water or wastewater treatment, distribution collection or maintenance of a water utility or in a related industry is preferred.
<i>Education:</i>	High school diploma, GED or equivalency. Some college-level coursework in water or wastewater treatment is preferred.
<i>License / Certification:</i>	<ul style="list-style-type: none"> ● Possession of a valid driver’s license. ● Possession of or required to obtain within twelve (12) months of hire an Arizona Department of Environmental Quality (ADEQ) Grade 1 Water Treatment Operator or an ADEQ Grade 1 Wastewater Treatment Operator certification based on assignment. ● Possession of or required to obtain within twenty-four (24) months of hire, an ADEQ Grade 2 Water Treatment Certification or an ADEQ Grade 2 Wastewater Treatment Certification based on assignment.

ESSENTIAL JOB FUNCTIONS

Essential job functions are the fundamental duties of a position: the things a person holding the job absolutely must be able to do.

To actively support and uphold the City's stated mission and values. The primary function of an employee in this classification is to learn to perform treatment operations, maintenance and repair work at water treatment, wastewater treatment and/or field site facilities based on assignment.

OTHER DUTIES AS ASSIGNED

Please note this job description is not designed to cover or contain a comprehensive listing of all activities, duties or responsibilities that are required of the employee for this job. Duties, responsibilities and activities may change at any time with or without notice.

- Follow safety regulations and safe work practices at facilities, including traffic/barricade compliance and confined space entry procedures; adhere to all Occupational Safety and Health Administration and water treatment guidelines.
- Refer customer inquiries to the attention of a superintendent.
- Assist in monitoring system operations by reading gauges, graphs, meters and control panels; perform and evaluate chemical tests; observe and assist certified operators in making changes to plant operations, adjusting pumps, flow, valves and chemical feed systems.
- Assist in making hourly rounds of facilities and perform a variety of duties pertaining to water and/or wastewater treatment and maintenance; observe and report variations in operating conditions; monitor plant functions by interpreting computer information from Supervisory Control and Data Acquisition systems.
- Collect samples and perform a variety of laboratory tests under the supervision of a certified operator to evaluate plant operations; document data into hourly, daily and monthly logs/reports under direction of a certified operator.
- Maintain work records.
- Assist with mechanical operations and repairs when assigned.
- Perform Confined Space Entry duties as entrant, attendant and/or Authorized Entry Supervisor as plant duties necessitate.
- Report mechanical or process deficiencies to the Plant Superintendent.
- Assist in unloading, transferring, storing and using various equipment and supplies. Perform activities, such as washing equipment, structures and machinery, painting and grounds maintenance.
- Adhere to Standard Operating Procedures (SOPs), Job Hazard Analysis (JHAs) and Safety Data Sheets.
- Assist in the development of SOPs and JHAs.
- Assist in the design and/or modification of existing equipment and systems as needed.
- Assist in repairing chlorination/ultraviolet systems and metering equipment.
- Assist in repairing air compressors.
- Perform related duties as assigned.

COMPETENCIES

<i>CLASSIFICATION LEVEL</i>	<i>INCLUDES</i>	<i>COMPETENCIES</i>
Foundational	All Employees	Inclusion, Communication, Interpersonal Skills, Integrity, Professionalism, and Willingness to Learn
Non-Supervisory	In Addition >	Teamwork, Customer Service, Initiative, and Dependability / Reliability
Supervisory	In Addition >	Staffing, Monitoring Work, Delegating, Development / Mentoring, and Support Others
Manager	In Addition >	Preparing / Evaluating Budgets, Monitoring / Controlling Resources, and Motivating / Inspiring
Deputy Director	In Addition >	Entrepreneurship and Networking
Director	In Addition >	Organizational Vision
<p><i>For more information about the City of Tempe's competencies for all classifications:</i> City of Tempe, AZ : Competencies</p>		

JOB DESCRIPTION HISTORY
<p><i>Effective February 2000</i> <i>Revised October 2004</i> <i>Revised October 2006 (MQs)</i> <i>Revised April 2011 (added SBP to title; reports to Plant Supervisor)</i> <i>Revised January 2017 (add physical/mental activities)</i> <i>Revised March 2019 (PW reorg – moved to Municipal Utilities Dept.)</i> <i>Revised November 2022 (remove SBP, update distinguishing characteristics, reporting relationships, min qualifications, and job duties)</i></p>

PHYSICAL DEMANDS AND WORK ENVIRONMENT

Job Title: Plant Operator I+

Job Code: 528

VEHICLE OPERATION	YES	NO
Will this position drive a City vehicle?	X	
Will this vehicle require a Commercial Drivers License?		X

	Never	Occas.	Freq.	Contin.
	0% of time	1-35% of time	36-65% of time	66-100% of time

ENDURANCE				
Sit		X		
Stationary / Stand			X	
Move / Traverse			X	

WORK WITH OR EXPOSURE TO THE FOLLOWING				
Machinery*		X		
Electrical*			X	
Power Tools*		X		
Hand Tools*			X	
Personal Protective Equipment*				X
Fumes			X	
Computer Software				X
Chemicals				X

ENVIRONMENT				
Indoors		X		
Outdoors			X	
Working in or around water				X
Extreme Heat			X	
Extreme Cold		X		
Office Setting			X	
Confined Spaces		X		
Excessive Noise**			X	
Heights		X		
Sewage Exposure		X		
Bodily Fluid Exposure	X			

VISION REQUIREMENTS	YES	NO
Close (clear vision at 20 inches or less)	X	
Distance (clear vision at 20 feet or more)	X	
Color (ability to identify and distinguish colors)	X	
Depth Perception (three-dimensional vision, ability to judge distances and spatial relationships)	X	
Peripheral (ability to observe an area that can be seen up and down or to the left and right while eyes are fixed on a given point)	X	
Ability to adjust focus (ability to adjust the eye to bring an object into sharp focus)	X	
No Special Vision Requirements		X

Maximum LIFT / CARRY	Lift	Carry
5-25lbs		
26-50lbs		
51-75lbs	X	X
76-100lbs		

Maximum PUSH / PULL	Push	Pull
5-25lbs		
26-50lbs		
51-75lbs		
76-100lbs	X	X

MOVEMENT	YES	NO
Bend / Stoop / Twist	X	
Crouch / Squat	X	
Kneel / Crawl	X	
Above Shoulder Level	X	
Below Shoulder Level	X	
Repetitive Arm Use	X	
Repetitive Wrist Use	X	
Repetitive Hand Use	X	
Climb Stairs / Ladders	X	
Neck Range of Motion	X	
Traverse Uneven Surface	X	
Traverse Even Surface	X	

ADDITIONAL CONSIDERATIONS:
- Must be physically present
- May require working extended hours, including holidays, weekends, nights, and callbacks. Assignments require stand-by shifts outside the normal work schedule.
- May work alone for extended periods of time.
- Other mental attributes essential to this classification.

*DEFINITIONS/EXAMPLES
Machinery: bucket truck, riding mowers, backhoe etc.
Electrical: wiring, outlets, fuses etc.
Power Tools: push mowers, jackhammers, drills, chainsaw etc.
Hand Tools: hammers, wrenches, shovels, wheel barrels, saws etc.
Personal Protective Equipment: respirators, Tyvek coveralls, hard hats, fall protection harness etc.

**** Hearing test is required**