



# City of Tempe

## WELDER – FIELD OPERATIONS

JOB CLASSIFICATION INFORMATION			
<i>Job Code:</i>	636	<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>	Welder – Field Operations
<i>Safety Sensitive / Drug Screen</i>	Yes	<i>Physical:</i>	Yes
Click <a href="#">here</a> for more job classification information including current salary range.			

REPORTING RELATIONSHIPS
Receives general supervision from supervisory or management staff.

MINIMUM QUALIFICATIONS	
<i>Experience:</i>	One (1) year of experience in welding and fabrication.
<i>Education:</i>	High school diploma, GED or equivalency. Welding diploma from a welding trade school is preferred.
<i>License / Certification:</i>	Possession of a valid driver’s license.

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 Field Operations Welder performs specialized welding, cutting, grinding, general repairs and painting operations in the repair and maintenance of solid waste containers and vehicle components. This position requires the use of independent judgement in selecting the repair methods, equipment, and materials used to accomplish 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.

- Weld, cut, grind, fabricate and repair solid waste containers including painting when needed.
- Fabricate needed parts to facilitate repairs and improvements of solid waste containers and vehicle components.
- Perform welding and fabrication of different types of metals, utilizing Arc welding, tungsten inert gas welding, flux-core welding, plastic welding, and oxygen/acetylene welding and brazing.
- Weld ferrous and non-ferrous components with welding equipment as specified by layouts, engineering drawings, work orders, or verbal instructions.
- Operate and/or maintain a variety of medium and heavy equipment, utility vehicles, tools, diagnostics and measuring devices and other specialized equipment.
- Rebuild worn and broken welds, tools and sections of equipment.
- Follow safety regulations and safe work practices, including wearing personal protective equipment.
- Attend and participate in all safety meetings and observe all safety rules and regulations; maintain a safe and clean work area.
- Practice safety precautions and exhibit knowledge of hazards of the mechanical trades.
- Perform journey-level math skills and the use of measuring devices, such as depth gauge, calipers, micrometer and dial-indicators.
- Operate specialized welding and fabrication equipment to weld or fabricate broken or cracked metal parts and assemblies and make new or modify existing assemblies.
- Specify materials and determine proper welding techniques and modifications to be made.
- Operate machine shop equipment, such as a drill press, band saw, chop saw and grinders.
- Train and assist employees in areas of welding repairs or fabrication.
- Design, lay out, cut and fit materials for welding and make estimates of material requirements.
- Design and fabricate tools and parts from blueprints, sketches and samples.
- 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

*For more information about the City of Tempe's competencies for all classifications:*

**JOB DESCRIPTION HISTORY**

*Effective August 2023*

## PHYSICAL DEMANDS AND WORK ENVIRONMENT

**Job Title: Welder - Field Operations**

**Job Code: 636**

	Never	Occas.	Freq.	Contin.
ENDURANCE / ENVIRONMENT / MOVEMENT	0% of time	1-35% of time	36-65% of time	66-100% of time
Sit		X		
Stationary / Stand			X	
Move / Traverse			X	
Machinery*		X		
Electrical*		X		
Power Tools*				X
Hand Tools*				X
Personal Protective Equipment*				X
Respirator*				X
Airborne Chemical Exposure				X
Airborne Biological Exposure				X
Computer Software		X		
Physically handling of chemicals		X		
Indoors			X	
Outdoors		X		
Around, in or on water		X		
Extreme Heat		X		
Extreme Cold	X			
Office Setting		X		
Confined Spaces	X			
Excessive Noise**			X	
Heights	X			
Sewage Exposure	X			
Bodily Fluid or bloodborne pathogen exposure		X		
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		

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

VISION REQUIREMENTS	YES	NO
<b>Close</b> (clear vision at 20 inches or less)	X	
<b>Distance</b> (clear vision at 20 feet or more)	X	
<b>Color</b> (ability to identify and distinguish colors)	X	
<b>Depth Perception</b> (three-dimensional vision, ability to judge distances and	X	
<b>Peripheral</b> (ability to observe an area that can be seen up and down or to the	X	
<b>Ability to adjust focus</b> (ability to adjust the eye to bring an object into sharp focus)	X	

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

ADDITIONAL CONSIDERATIONS:
- May require working extended hours.
- May work alone for extended periods of time.

*DEFINITIONS/EXAMPLES
<b>Machinery:</b> bucket truck, riding mowers, backhoe etc.
<b>Electrical:</b> wiring, outlets, fuses etc.
<b>Power Tools:</b> push mowers, jackhammers, drills, chainsaw etc.
<b>Hand Tools:</b> hammers, wrenches, shovels, wheel barrels, saws etc.
<b>Personal Protective Equipment:</b> Tyvek coveralls, hard hats, fall protection harness etc.
<b>Excessive Noise</b> exists when you raise your voice to communicate with someone who is 3 ft away.
<b>Respirators:</b> 1/2 face or full-face cartridge.
<b>Hepatitis A and Hepatitis B</b> vaccinations are offered to employees in the OSHA bloodborne pathogens

**\*\*Hearing test is required**