#### JOB TITLE: MAINTENANCE MECHANIC I (MECHANICAL ELECTRICAL)

DEPARTMENT: UTILITIES MAINTENANCE

GENERAL DESCRIPTION:

This position is responsible for assisting the crew leader with the maintenance and repair of lift stations and/or wells. This position requires knowledge of electrical and mechanical tools, basic knowledge and experience related to electricity, safety procedures and a mechanical background with the ability to assemble and dissemble machinery.

ESSENTIAL JOB FUNCTIONS:

1. Assists in preventive maintenance and scheduled maintenance of lift station equipment. Assist in the repair and/or replacement of motors, pumps and all associated equipment in lift stations and piping or structural components that require replacement.
2. Assists in the checking and maintenance of equipment such as motors, blowers, pumps, compressors, chemical feeders, rotary distributors and flotation units.
3. Assists in performing scheduled preventive maintenance and repairing a variety of water/wastewater related equipment.
4. Learns to fabricate or repair products (motors, machine parts, etc.) using a cutting torch and welder.
5. Assists in the pulling, troubleshooting and repairing of motors, starters, relays, regulators, pumps, soft starts, programmable logic controllers and many other items related to utilities.
6. Assists in the maintenance of the Lakeland/Plant City potable water interconnect.
7. Assists in the installation of well pumps, motors, and related equipment.
8. Assists in the preventative and corrective maintenance to collection system Lift Stations, grounds and associated equipment.
9. Inspects pull chains on pumps and replace as needed. Inspects wear-rings and impellers on pumps. Exercises plug valves at the station. Cleans and inspects check valves at the stations. Checks operation of float switches in the station. Inspects wire ties on float and power cords and replace as needed.
10. Washes down pumping station, assists in vacuum cleaning of station, removes rags and debris from floats and electrical power cords.
11. Assists in installation or replacement of equipment and machinery; participates in major plant installation and equipment overhauls.
12. May operate heavy machinery including; electrical meters, forklift, cranes and front loader.
13. Assists with the maintenance of 4 water storage tanks; painting, cleaning, etc. Assist with repairing and cleaning of salt tanks. Assist with the maintenance and repair of 8 - 2000 gallon chlorine tanks, and if they cannot be repaired, assists with the installation of new tanks.
14. Assists with concrete work and performs basic carpentry work in lift station repair, and other work as required.
15. Learns to use a handheld scanner for computer checks. Scans barcodes on motors, pumps, etc.
16. Maintains records and logs, as needed.
17. Follows the direction of Maintenance Mechanic III.
18. Works a rotating twenty-four hour, seven-day on-call shift for emergency coverage within 12 months.
19. All employees will be cross-trained in water, waste water, and/or reclaimed water for equivalent positions. The employee may be directed to change positions at any time of employment without notice on a permanent or temporary basis.

MINIMUM QUALIFICATIONS:

KNOWLEDGE, SKILLS, AND ABILITIES:

* Ability to work with various hand and power tools.
* Ability to follow oral and written instructions.
* Ability to take independent action without constant supervision.
* Ability to make logical decisions based on training and experience.
* Ability to work in or around wastewater and related jobs.
* Ability to work in a responsible manner when dealing with coworkers
* Must be dedicated to providing support to other employees in a team atmosphere.
* Must be in good physical condition working outside in the elements performing extensive lifting and mechanical repairs.
* Must be willing to work in different areas of the department or city as required.
* Must be able to work in confined spaces and underground. EDUCATIONAL EXPERIENCE:
	+ Graduation from an accredited high school or possession of an equivalency diploma.
	+ 1 year experience and or training related to mechanical and electrical projects.
	+ Additional training and experience will be required

ADDITIONAL TRAINING REQUIRED AFTER EMPLOYMENT:

* + Training in M.S.D.S.
	+ Hand tool safety
	+ Driving safety
	+ Fire extinguisher use
	+ Confined space entry
	+ Equipment safety
	+ Heat stress
	+ Power tool
	+ Underground access
	+ C. P. R.
	+ First aid
	+ Many other related fields

LICENSES, CERTIFICATIONS OR REGISTRATIONS:

* Valid Florida Driver’s License
* Forklift Certification
* Confined Space Entry Certification

 F. E. M. A. IS-100, IS-200, IS-700 ESSENTIAL PHYSICAL SKILLS:

* Heavy lifting up to 50 lbs
* Good vision (with or without correction)
* Good hearing (with or without correction)
* Reaching
* Climbing
* Pushing
* Walking
* Standing
* Kneeling
* Bending
* Stooping
* Driving and operating equipment ENVIRONMENTAL CONDITIONS:
* Works outside in various weather conditions
* Operating equipment in various weather conditions
* Confined spaces and below ground level