

Job Description

Job Title:	AWTF Operator
Department:	Asset Management
Reports To:	Lead Operator / O&M Manager / Chief Plant Operator
Location:	ARC Project, Pico Rivera and/or LVL in Long Beach
Normal Business Hours:	6:00 a.m. – 4:30 p.m., 2 shifts: Sun. - Wed. or Wed. - Sat. Alternative work week of 4 days, 10-hour shifts
Classification:	Non-Exempt
Date Prepared:	September 2021

Job Objective

The ARC Advanced Water Treatment Facility (AWTF) Operator will perform a full range of duties associated with operating and maintaining all water treatment systems and equipment. This operator position encompasses a specialized focus on Advanced Water Treatment for Indirect Potable Reuse (IPR). The position will report to the Lead Operator, who has supervisory authority regarding operational activities and works in close coordination with the O&M Manager and Chief Plant Operator (CPO).

Principal Duties and Responsibilities

- Perform activities under the direction of the Lead Operator and O&M Manager pertaining to the operation of the ARC AWTF.
- Performs a variety of assignments related to the operation and maintenance of an advanced water treatment facility. Treatment processes include ultrafiltration (UF), reverse osmosis (RO) and UV advanced oxidation.
- Knowledge and understanding of the regulatory permit requirements, sampling and monitoring requirements and regulatory reporting requirements
- Participate in daily operational activities including, but not limited to the following:
 - Develop operational SOPs
 - Monitoring plant equipment and processes
 - Collecting and processing water quality samples
 - Managing plant chemical inventory
 - Cleaning, maintaining and optimizing membrane systems
 - Managing electronic operations and management tools (Data Management, CMMS, etc.)

- Participate in facility housekeeping activities, including maintenance work such as sweeping, cleaning, sanding, painting and other tasks as assigned.
- Participate in the maintenance and repair of process equipment as assigned.
- Collect water quality samples, including preparation of sample bottles, labeling and utilization of appropriate sampling methods as specified in the approved standard operating procedures (SOPs).
- Operate motorized vehicles, forklifts and other mobile equipment.
- Participate in facility safety training and following all specified safety procedures in accordance with PERC Water Corp. safety program.
- Troubleshooting and repairing parts and systems
- During a plant emergency, may be called in to assist with plant operations and maintenance activities.
- Communicate any problems/issues to supervisor
- All other tasks as assigned by Lead Operator and Project Manager/CPO
- Maintain acceptable attendance per PERC standards

Knowledge, Skills and Abilities Required

1. Must possess a high degree of self-motivation and exhibit strong leadership skills.
2. Must have good mechanical aptitude, and manual dexterity.
3. Ability to use power and hand tools in wet conditions.
4. Basic understanding of water quality sampling and laboratory analysis.
5. Ability to work in close proximity and in concert with others.
6. Able to establish and maintain effective working relationships with others.
7. Must possess good verbal, written and interpersonal skills to effectively communicate with coworkers, supervisor and the general public, Ability to exchange or convey information and to receive work direction
8. General computer knowledge; good working knowledge of Microsoft Outlook, Word and Excel.
9. Physical:
 - Body Positions: Standing, sitting for extended periods of time, walking.
 - Body Movements: Use of hands, eyes, arms and voice. Must be able to lift, push and pull up to 40 pounds on a regular basis. Must be able to climb up and down stairs and ladders.
 - Must be able to climb on, or into facility equipment and systems (Confined Space Training required).
 - Must be able to work weekends, nights or holidays as needed. Willingness to travel a plus.
 - On call availability as scheduled
10. Mental:

Language ability includes reading, writing, spelling, and the ability to communicate clearly on business topics in English.

Education, Professional Credentials and Experience Requirements

1. Minimum Grade 2 Wastewater Operator and/or T-2 Water Treatment Operator Certification issued by the CA State Water Resources Control Board required at time of hire or to be obtained within one year of operating.

2. 1-year prior water/wastewater experience or a background in biological or chemical sciences preferred
3. Valid CA driver’s license
4. High School Diploma, or GED equivalent and college level course work in Water, Wastewater, Chemistry, Biology. BA degree is preferred, or an equivalent combination of education and experience to meet the essential duties of the job such as those listed above.

Work Conditions

- Advanced Water Treatment Facility, industrial setting.
- Wastewater and / or Water Reclamation Facility (indoor and outdoor).

Reporting Relationships

The following positions may provide functional support to the AWTF Operator:

Corporate President and Vice Presidents
 Project Manager
 O&M Manager / Chief Plant Operator
 Lead Operator
 Maintenance Manager
 I&E Manager

ACKNOWLEDGMENTS

I understand that this job description does not list all of the duties of my job. I am aware that I may be asked by my supervisors to perform additional duties or follow additional instructions. I understand that I will be evaluated in part based on my performance of the tasks listed in this job description. I have reviewed and understand the above job description. I understand the Company has the right to change this job description at any time. I also understand I am an at-will employee and that this job description is not an employment contract.

Name (Printed)	Signature	Date
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Supervisor	Date
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