

WATER TREATMENT PLANT OPERATOR

RAPIDS: 0619D

O*NET/SOC: 51-8031.00

REVISION DATE: 09/2019

TRADE DESCRIPTION: Operate or control an entire process or system of machines, often through the use of control boards, to transfer or treat water or wastewater.

TASK PERFORMANCE: Demonstrate knowledge and skills for qualifying as Journeyman. Applicable Job Qualification Requirements will be used as a guide in performing tasks and demonstrating knowledge in the following skill areas. Actual work time must be recorded in the Work Experience Log; each skill area must be completed.

Applicable Ratings/MOS/NEC

USMC MOS: 1169, 1171

USCG: None

USN: EN, MM, UT

USA MOS: 92W

Related Instruction:

Trade related On-The-Job-Training (OJT) or Any Trade related schools/courses totaling 288 or more hours.

Additional Requirement:

None

Total Hours: **4000**

Skill	Description	Hours
A	ADMINISTRATION	200

	Record operational data, personnel attendance, or meter and gauge readings on specified forms.	
B	TECHNICAL ADMINISTRATION Use blueprints, charts, drawings, publications, manuals, and directives.	100
C	LOGISTICS -- Order supplies and minor equipment. -- Order publications, manuals, and directives. -- Maintain chemical supplies.	100
D	SAFETY Conform to prescribed safety standards	200
E	WATER TREATMENT PLANT OPERATIONS -- Add chemicals, such as ammonia, chlorine, or lime, to disinfect and deodorize water and other liquids. -- Inspect equipment or monitor operating conditions, meters, and gauges to determine load requirements and detect malfunctions. -- Collect and test water and sewage samples, using test equipment and color analysis standards. -- Operate and adjust controls on equipment to purify and clarify water, process or dispose of sewage, and generate power. -- Maintain, repair, and lubricate equipment, using hand tools and power tools. -- Clean and maintain tanks, filter beds, and other work areas, using hand tools and power tools.	3400