



CITY OF OMAHA CLASS SPECIFICATION

CLASSIFICATION TITLE: WASTEWATER TREATMENT PLANT CHIEF OPERATOR

BARGAINING UNIT: [CIV BARGAINING](#)

CODE NUMBER: 6525

PAY RANGE CODE: [08110](#)

REVISION DATE: 10/26/17

NATURE OF WORK:

This is a lead work position during an assigned shift at a wastewater treatment plant. Work involves determination of work to be done, assignment of work to subordinates, and operation of plant equipment.

ESSENTIAL FUNCTIONS: *(Any one position may not perform all the duties listed, nor do the listed examples include all the duties that may be performed in positions allocated to this class.)*

Assigns work and follows up on the work of WWTP Operators. May also provide input into the performance evaluation and assist with training.

Inspects and ensures proper operation of assigned equipment.

Oversees the operation of equipment and adjusts as necessary. Researches problems and recommends solutions.

Investigates and prepares accident reports, providing recommendations to maintain safety standards and prevent further accidents.

Monitors chemical operations and processes to ensure safe and efficient application.

Prepares maintenance repair work orders and submits to the maintenance supervisor.

Oversees and participates in the changing of chlorine cylinders.

Maintains regular job attendance in accordance with a schedule established for the position by the supervisor.

Performs other related duties as assigned or as the situation dictates within the scope of this classification.

REQUIRED KNOWLEDGE, SKILLS, AND ABILITIES:

Knowledge of and ability to operate a computer or other technology using standard or customized computer or systems software applications appropriate to the assigned tasks.

Knowledge of functions, capabilities, and servicing requirements for wastewater treatment equipment.

Knowledge of the processes involved in the treatment and disposal of wastewater.

Knowledge of the standard practices, tools, and materials used in the maintenance of pumping equipment.

Knowledge of the occupational hazards and safety precautions.

Ability to use audio and visual means in order to monitor equipment for efficient operation.

Ability to accurately measure and calibrate meters and gauges.

Ability to perform mathematical computations to include addition, multiplication, division, and subtraction.

Ability to learn and adapt to advances in computer and electronics device technology and software.

Ability to understand oral and written instructions.

Ability to adhere to safety policies, procedures, and guidelines.

Ability to establish and maintain effective working relationships with fellow employees and members of the general public.

EDUCATION AND EXPERIENCE: *(The knowledge, skills, and abilities above may be acquired through, but are not limited to, the following combination of education and/or experience.)*

High school graduation or its equivalent

AND

Reasonable experience in the operation and/or maintenance of wastewater treatment plant equipment used by the City of Omaha or similar facility.

SPECIAL QUALIFICATIONS

Must possess and maintain a valid class “O” driver’s license.

Must maintain a Wastewater Treatment Plant Certificate, Class III, in accordance with Nebraska Department of Environmental Quality Wastewater Certification Act.

WORKING CONDITIONS: *(The conditions herein are representative of those that must be met by the employee to successfully perform the essential functions of the job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential job functions.)*

Working conditions consist of exposure to industrial building conditions, extreme temperatures from below 32 degrees to above 100 degrees, vibrating machinery, moving mechanical parts, electrical currents, confined spaces, humidity, fumes, odors, dust, mist, gases and chemicals. Noise levels may require shouting in order to be heard.

EQUIPMENT OPERATION: *(Any one position may not use all of the tools and equipment listed nor do the listed examples comprise all of the tools and equipment that may be used in positions allocated to this classification.)*

Electric Control Panels
Electrical Motors
Hydraulic Equipment
Gate Controls
Grease Grinder
Gas Detector
Augers
Air Scrubbers
Blowers
Vat Mixer
Air Compressor
Motorized Strainers
Scott Air Packs

Pumps
Power Generators
Valve Controls
Automatic Sampler
Bar screens
Grit Washer
Conveyor Belts
Air Handlers
Tank Mixer
Gas Compressor
Collectors
Clarifier Sweeps
Computer

Previous Revision Date(s): 9/24/92
8/30/12

**WASTEWATER TREATMENT PLANT CHIEF OPERATOR-ELKHORN
PHYSICAL REQUIREMENTS**

Physical Requirements	EXAMPLES OF RELATED JOB DUTIES	Rarely 1-5%	Occasionally 6-33%	Frequently 34-66%	Continuously 67-100%
Standing	Monitoring proper functions of equipment and machines; working on pump/equipment if plugged; using fire hose; to observe various monitors.	X			
Walking	Monitoring equipment during rounds. Walking surfaces include concrete and outside terrain and during various weather conditions.			X	
Sitting	Sitting occurs while responding to emails, placing orders, monitoring equipment data, and riding on the front loader.		X		
Lifting	Raising and lowering an object weighing up to 55 lb.		X		
Carrying	Transporting an object up to 55 lb. a distance up to 50 feet.		X		
Pushing/Pulling	Pushing/Pulling objects up to 75 lb a distance up to 10 feet.		X		
Climbing	Stairs – Number of stairs varies per building; 23 stairs in a cylindrical stairwell is the most consecutive stairs required. Stairs are located inside and outside. Ladders –climbing vertical ladders, step ladders and extension ladders to access various areas of the facility. Dump Truck- 3 steps at 19”, 30” and 40” from the ground. Front Loader- 4 steps at 19”, 28”, 33” and 42” from the ground. Fine Screen- To clean fine screen, an individual must climb over a 42” hand rail. Then the individual is required to access a 52” deep pit in order to clean the screen. UV Bulb Maintenance- Requires a 52” descent/ascent into pit to change lighting.		X		
Balance	Climbing on ladders and stairs outside during wet weather, walking outside on gravel, uneven ground during various weather conditions. Climbing over hand rails and walking on catwalks. Cleaning center rags.			X	
Stooping	While working under the hood of cars, doing computer work in trunk of police car, greasing swivels at various heights, replacing snowplow blade.		X		
Kneeling	Accessing areas under pumps and cleaning filter press.	X			
Crouching	Accessing various parts and equipment during inspection and performing trouble-shooting maintenance as needed.			X	
Reaching	Reaching overhead occurs while turning valves, climbing ladders, and adjusting monitors.		X		
Hand Usage	Grasping hand tools and powered hand tools equipment when maintaining and repairing various parts of the plant operation.			X	
Crawling	Climbing into a pit; accessing areas under the press in the sledge dewatering building. In the daft crawling under the floor.	X			

**WASTEWATER TREATMENT PLANT CHIEF OPERATOR-MISSOURI RIVER PLANT
PHYSICAL REQUIREMENTS**

Physical Requirements	EXAMPLES OF RELATED JOB DUTIES	Rarely 1-5%	Occasionally 6-33%	Frequently 34-66%	Continuously 67-100%
Standing	Monitoring proper functions of equipment and machines; working on pump/equipment if plugged; using fire hose; to observe various monitors.	X			
Walking	Monitoring equipment during rounds. Walking surfaces include concrete and outside terrain and during various weather conditions. Rounds may be performed during the day and evening.			X	
Sitting	Reviewing orders on the computer, checking emails.		X		
Lifting	Raising and lowering an object weighing up to 55 lb.	X			
Carrying	Salt bags, valves, sandbags, firehoses.	X			
Pushing/Pulling	Moving the siphon pump with a force of 25-35 lb; moving the Trash Pump Cart with a force of 25-55 lb (depending upon the condition of the floor); moving a wheelbarrow (10 cubic feet) filled with wet sludge – force up to 100 lb.		X		
Climbing	Stairs – ascending and descending stairs to access various areas in the waste treatment plant facility. Stairs are located inside and outside of the buildings. Ladders –climbing vertical ladders, step ladders, and extension ladders to access various areas of the facility. Ramps - climbing a ramp to access the secondary area.		X		
Reaching	Adjusting monitors during rounds; turning valves.		X		
Stooping	Accessing various parts and equipment during inspection and performing trouble-shooting maintenance as needed.			X	
Crouching	Accessing various parts and equipment during inspection and performing trouble-shooting maintenance as needed.			X	
Kneeling	Crawling to access areas under the pump.	X			
Crawling	Climbing into a pit; accessing areas under the press in the sledge dewatering building. In the daft crawling under the floor.	X			
Hand Usage	Grasping hand tools and powered hand tools, handling equipment when maintaining and repairing various parts of the plant operation.			X	
Balance	Climbing on ladders and stairs outside during wet weather, walking outside on gravel, uneven ground during various weather conditions. Walking on wet material.			X	

**WASTEWATER TREATMENT PLANT CHIEF OPERATOR-PAPIO PLANT
PHYSICAL REQUIREMENTS**

Physical Requirements	EXAMPLES OF RELATED JOB DUTIES	Rarely 1-5%	Occasionally 6-33%	Frequently 34-66%	Continuously 67-100%
Standing	Monitoring proper functions of equipment and machines; working on pump/equipment if plugged; using fire hose; to observe various monitors.	X			
Walking	Monitoring equipment during rounds. Walking surfaces include concrete and outside terrain and during various weather conditions. Rounds may be performed during the day and evening.			X	
Sitting	Reviewing orders on the computer; operating truck/cart; operating riding lawn mower; operating a front end loader.		X		
Lifting	Raising and lowering an object weighing up to 95 lb.	X			
Carrying	Salt bags, valves, sandbags, firehoses.	X			
Pushing/Pulling	Moving the Thompson pump with a force of 25-35 lb; moving the Trash Pump Cart with a force of 25-55 lb (depending upon the condition of the floor); moving a wheelbarrow (10 cubic feet) filled with wet sludge – force up to 100 lb.		X		
Climbing	Stairs – ascending and descending stairs to access various areas in the waste treatment plant facility. Stairs are located inside and outside of the buildings. Ladders - climbing vertical ladders, step ladders, and extension ladders to access various areas of the facility. Ramps - climbing a ramp to access the secondary area.		X		
Reaching	Adjusting monitors during rounds; turning valves.		X		
Stooping	Accessing various parts and equipment during inspection, repair, and replacement of equipment (i.e., removing and replacing sprinklers for lawn care), performing trouble-shooting maintenance as needed.			X	
Crouching	Accessing various parts and equipment during inspection, repair and replacement of equipment (i.e. removing and replacing sprinklers for lawn care), performing trouble-shooting maintenance as needed.			X	
Kneeling	Crawling to access areas under the pump.	X			
Crawling	Climbing into a pit; accessing areas under the press in the sledge dewatering building. In the daft crawling under the floor.	X			
Hand Usage	Grasping hand tools and powered hand tools, handling equipment when maintaining and repairing various parts of the plant operation.			X	
Balance	Climbing on ladders and stairs outside during wet weather, walking outside on gravel, uneven ground during various weather conditions. Walking on wet material.			X	