

MECHANIC I/WASTEWATER DIVISION

JOB SUMMARY

GENERAL DUTIES: This is a highly skilled work in the maintenance and repair of a wide variety of complex mechanical machinery and equipment.

DISTINGUISHING FEATURES OF THE CLASS: Employees in this class perform highly skilled tasks in the preventive maintenance and repair of pumps, pneumatic controls, compressors, electric motors, and valves. Employees work under the general supervision of the Maintenance Manager and the direct supervision of the Assistant Maintenance Manager.

EXAMPLES OF DUTIES

(Any one position may not include all of the duties listed, nor do the listed examples include all duties, which may be found in positions of this class.)

1. Makes mechanical repairs to pumps, pneumatic controls and compressors; lubricates equipment and checks for malfunctions.
2. Replaces packing in pumps and valves, adjusts and cleans bar screens, comminutor and weir plates.
3. Cleans out pipes and performs other plumbing and pipefitting tasks as required.
4. Uses gas and/or arc welding equipment to heat, cut, braze or weld.
5. Performs minor electrical duties as required.
6. Installs and sets up new equipment
7. Assists in keeping maintenance records to ensure proper performance of maintenance work or repairs.
8. Performs general maintenance and repair tasks on building, structures and grounds.
9. Performs related work as required (i.e. painting, etc.)

KNOWLEDGE, SKILLS AND ABILITIES REQUIRED

Thorough knowledge of standard practices, methods, tools and materials of the electrical and mechanical trades; thorough knowledge of the principles of operation and of the occupational hazards connected with general maintenance operations, and the ability to observe and enforce appropriate safety precautions; ability to understand and carry out complex oral and written instructions; skilled in the use and care of hand and machine tools; mechanical aptitude, etc.

ACCEPTABLE EXPERIENCE AND TRAINING

Considerable experience as a mechanic, or any equivalent combination of experience and training which provides the required knowledge, skills and abilities.

REQUIREMENTS

Must have a valid State of New Hampshire Driver's license; CDL-B (Commercial Driver's License) preferred.

Note: This job description is intended to be indicative and not specific.

COGNITIVE AND SENSORY REQUIREMENTS:

Talking: Necessary for communicating with others.

Hearing: Necessary for taking instructions and receiving information.

Sight: Necessary for doing job effectively and correctly.

DURING AN 8 HOUR DAY, EMPLOYEE IS REQUIRED TO:

Consecutive Hours

Sit 1 2 3 4 5 6 7 8

Stand 1 2 3 4 5 6 7 8

Walk 1 2 3 4 5 6 7 8

Total Hours

Sit 1 2 3 4 5 6 7 8

Stand 1 2 3 4 5 6 7 8

Walk 1 2 3 4 5 6 7 8

ENVIRONMENT: Inside: 50% Outside: 50 %

EQUIPMENT USED: (ie – computer, phone, jackhammer, backhoe, various hand tools, etc)
Heavy Equipment – motorized, various hand tools, shovels.

LICENSURE/CERTIFICATION REQUIREMENTS:

OTHER TRAINING, SKILLS AND EXPERIENCE REQUIREMENTS:

HS Diploma or GED. Three years experience in the operation and maintenance of heavy-duty equipment; OR any equivalent education and experience that demonstrated the possession of the required knowledge, skills, and abilities.

Specific Vocational Preparation Requirement(s):

This refers to how much prior experience a person needs before being able to do the job.

- ☐ 1. Short demonstration only.
- ☐ 2. Any beyond short demonstration up to and including 30 days.
- ☐ 3. 30-90 days.
- ☐ 4. 91-180 days.
- ☒ 5. 181 days to 1 year.
- ☐ 6. 1 to 2 years.
- ☐ 7. 2 to 4 years.
- ☐ 8. 4-10 years.
- ☐ 9. Over 10 years.

DEFINITIONS OF DURATION OF PHYSICAL ACTIVITIES

<i>Rarely:</i>	<i>Activity exists up to 1/8 of the time on the job.</i>
<i>Occasionally:</i>	<i>Activity exists up to 1/3 of the time on the job.</i>
<i>Frequently:</i>	<i>Activity exists up to 2/3 of the time on the job.</i>
<i>Constantly:</i>	<i>Activity exists over 2/3 of the time on the job.</i>

CONTROLS AND EQUIPMENT:

HAND MANIPULATION

Grasping: Frequently Required
Handling: Frequently Required
Torquing: Frequently Required
Fingering: Frequently Required

PHYSICAL ACTIVITY REQUIREMENTS

PRIMARY PHYSICAL REQUIREMENTS

LIFT up to 10 lbs.: Frequently required
LIFT 11 to 25 lbs.: Occasionally required
LIFT 26 to 50 lbs.: Occasionally required
LIFT over 50 lbs.: Rarely required

CARRY up to 10 lbs.: Frequently required
CARRY 11 to 25 lbs.: Occasionally required

CARRY 26 to 50 lbs.: Occasionally required
CARRY over 50 lbs.: Rarely required

REACH above shoulder height: Occasionally required
REACH at shoulder height: Frequently required
REACH below shoulder height: Occasionally required

PUSH/PULL: Occasionally required

OTHER PHYSICAL CONSIDERATIONS

Twisting: Occasionally Required
Bending: Occasionally Required
Crawling: Occasionally Required
Squatting: Occasionally Required
Kneeling: Occasionally Required
Crouching: Occasionally Required
Climbing: Occasionally Required
Balancing: Occasionally Required

WORK SURFACE(S)

Uneven surfaces in wastewater environment, construction sites, landfill, paved and unpaved roads, loose sand and dirt surfaces, and outdoor winter condition surfaces.