

MECHANIC II/WASTEWATERWASTEWATER DIVISION

JOB SUMMARY

GENERAL DUTIES:

This is a highly skilled work at the master level in the maintenance and repair of a wide variety of complex mechanical machinery and equipment. Mechanic II works under the supervision of Maintenance Manager and Assistant Maintenance Manager in the Wastewater Division.

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. Mechanic II supervises work for other mechanics and/or operators as the need arises.

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 wier 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 assure proper performance of maintenance work or repairs. Performs general maintenance on Town-owned vehicles and equipment
8. Performs 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 o the occupational

hazards connected with general maintenance operations and ability to observe and enforce 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.

Employees in this class have the ability and knowledge of an Operator II and may be required to perform duties of same. Operator II job description attached.

MINIMUM REQUIREMENTS

HS Diploma or GED. Three years experience in the operation and maintenance of heavy duty equipment; OR any equivalent education and experience that demonstrates the possession of the required knowledge, skills, and abilities. Possession of a valid Commercial Drivers License (CDL-B with Air Brakes and Tank endorsement) or ability to obtain within 6 months of hire required.

Certification as required by State of New Hampshire

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, fax, jackhammer, backhoe, various hand tools, etc)

Heavy Equipment – motorized, various hand tools,

LICENSURE/CERTIFICATION REQUIREMENTS:

Valid CDL-B (Commercial Drivers License) with Air Brakes and Tank endorsements or ability to obtain within 6 months of hire required.

OTHER TRAINING, SKILLS AND EXPERIENCE REQUIREMENTS:

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.: Rarely 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.: Rarely 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: rarely 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, outdoor winter condition surfaces.