City of Lowell
Job Description
Please Post: February 29, 2016
Deadline: March 14, 2016
Water Utility
Filter Operator

Job Title:	**Filter Operator** (2000-60, 2253)
Department:	Water Utility
Reports To:	Head Operator, Chief Operator, Plant Manager
Rate of Pay:	$16.3713/hr. (min) to $20.8793 hr. (max); 40 hrs/week *Bidding of different shifts will be once a year*
Union:	AFSCME 1705

ESSENTIAL DUTIES AND RESPONSIBILITIES include the following. Other duties may be assigned.

Under the direction of the Plant Manager, plant engineer, chief operator, head filter operator and other designated personnel:

- An operator is responsible for the operation, lubrication and maintenance of electric water pumps in various locations of the water utility;
- Assists in the operation of a filtration plant, including the examination, inspection, repair, operation and maintenance of a Harding's automatic backwash rapid sand filter and the connections, gates, valves, recorders, indicators, etc;
- Makes routine control tests such as chlorine residuals, lead, pH tests, etc;
- Keeps an inventory of chemicals;
- Assists in the control of coagulation as required; washes filters;
- Increases or decreases rate flow as necessary; takes water samples and reads, records and replaces charts.
- Other duties as assigned.

QUALIFICATIONS
To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

EDUCATION and/or EXPERIENCE
Knowledge of the principles, procedures, methods, equipment and material used in water treatment; Knowledge of the methods and techniques used in order to properly handle variations in water quality and quantity. Knowledge of the safety practices which should be observed in the operation and maintenance of a water treatment facility. Knowledge of the sampling and laboratory test procedures.

Ability to interpret logs, gauges and test results relative to treatment plant operations. Ability to read, understand and interpret federal, state and local laws relative to water treatment and facilities. Knowledge of the safety precautions used in water filtration and testing procedures.

LANGUAGE SKILLS
Ability to read, analyze, and interpret general business periodicals, professional journals, technical procedures, or governmental regulations. Ability to write reports, business correspondence, and procedure manuals. Ability to effectively present information and respond to questions from groups of managers, clients, customers, and the general public.

MATHEMATICAL SKILLS
Ability to calculate figures and amounts such as discounts, interest, commissions, proportions, percentages, area, circumference, and volume. Ability to apply concepts of basic algebra and geometry.

REASONING ABILITY
Ability to solve practical problems and deal with a variety of concrete variables in situations where only limited standardization exists. Ability to interpret a variety of instructions furnished in written, oral, diagram, or schedule form.

CERTIFICATES, LICENSES, REGISTRATIONS
Must have a current and valid Water Treatment Plant Operator's Grade 1 License issued from the Board of Certification of Operators of Water Treatment Facilities, or able to obtain this license within one year of appointment. Must have valid, current driver's license.

PHYSICAL DEMANDS
The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is frequently required to stand. The employee is occasionally required to walk; sit; use hands to finger, handle, or feel; reach with hands and arms; climb or balance; stoop, kneel, crouch, or crawl; and talk or hear. The employee must occasionally lift and/or move up to 100 pounds. Specific vision abilities required by this job include close vision, distance vision, color vision, peripheral vision, depth perception, and ability to adjust focus.

WORK ENVIRONMENT
The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is occasionally exposed to wet and/or humid conditions; moving mechanical parts; high, precarious places; fumes or airborne particles;

toxic or caustic chemicals; outside weather conditions; risk of electrical shock; and risk of radiation. The noise level in the work environment is usually loud.

The City of Lowell is a smoke and drug free employer and requires a physical with drug screen, and CORI post offer.

Qualified individuals should send application/resume with cover letter to the Human Relations Office, Mary Callery, HR Director Room 19 - City Hall, Lowell, MA 01852 by 4:00 PM: Deadline ~ March 14, 2016. Applicants may also send application/resume with cover letter to fax 978-446-7102 or email to cityjobs@lowellma.gov

EOE/AA/504 Employer