

## CITY OF HAMILTON

### HEALTHY & SAFE COMMUNITIES DEPARTMENT (HAMILTON FIRE DEPARTMENT – LOCATION – 177 BAY ST. N.)

#### BREATHING APPARATUS TECHNICIAN – HPFFA LOCAL 288

##### SUMMARY OF DUTIES

Reporting to the Chief Mechanical Officer, the Breathing Apparatus Technician will be responsible for the maintenance and repair of the Self Contained Breathing Apparatus (SCBA) inventory and small equipment as well as ordering and maintaining a complex inventory of required parts for the SCBA in accordance with CSA Standard Z94.4. Responsible for the maintenance and repair of high pressure compressed air vessels, high pressure air compressors, and will oversee an effective respiratory protection maintenance program in the workplace including fit testing protocols. The Breathing Apparatus Technician is also responsible for the, repair, maintenance and monitoring of multi-gas detectors, calibration gas, leak detectors and all other related ancillary equipment.

##### GENERAL DUTIES

Establishes a re-order point for stocking purposes of inventory based on the usage of the various parts.

Maintains an office filing system, and inputs all service work and related repairs into a computerized maintenance program, along with keeping accurate maintenance records.

Performs monthly inspections and re-calibration of portable multi-gas detection apparatus, leak detectors and related instrumentation.

Responsible for cleaning, testing, repairing and conducting air flow tests in accordance with the Breathing Apparatus manufacturer's recommendations, that will include oxygen and air regulators, self-contained breathing apparatus, face pieces, and portable air carts.

Responsible for monitoring and conducting face piece fit testing (qualitative and quantitative), maintaining porta-count machine(s), maintaining records and conducting program evaluations.

Performs weekly, monthly, quarterly, semi-annual, and annual inspections, repairs, testing and service work related to the job, including:

- All compressors
- Fire hose
- Self-Contained Breathing Apparatus (SCBA)
- Oxygen regulators
- Porta-count machine(s)
- Multi-gas detectors
- Leak detectors

##### QUALIFICATIONS

1. Must be a qualified as a factory trained in-house Breathing Apparatus Technician or ability to obtain same as a condition of employment and must re-qualify every two (2) years thereafter to maintain this qualification.
2. Must be qualified or have the ability to qualify for the trained in-house portable instrument training relative to air monitoring in compliance with CSA Standard Z94.4 as a condition of employment and must maintain requalification thereafter every two-way (2) years to maintain this qualification.

3. Must maintain currency, have previous experience and demonstrated knowledge to work on high and low pressure SCBA systems.
4. Must have demonstrated ability (through practical and theoretical experience) to diagnose, overhaul, adjust and install mechanical equipment and components.
5. Must be able to perform work with a minimum of supervision.
6. Must have a valid Class "D" Driver's Licence with "Z" endorsement (air brake).
7. The successful candidate must meet all current requirements (including medical) as a condition of employment.
8. The successful candidate must be in good physical health and able to lift and move heavy weights.
9. The work schedule is subject to change based on operation needs and due to the nature of emergency services, the incumbent may be required to report to work outside the normal business hours.
10. Willingness to take additional courses relating to new developments in equipment design and computerized maintenance tracking programs.
11. In addition to the above requirements, it will be considered advantageous that the applicant be experienced in the following:
  - Repair of firefighting equipment
  - Parts management – inventory
  - Machine-shop experience
  - Maintenance scheduling.

**THIS POSITION REQUIRES A VALID CLASS "DZ" DRIVER'S LICENCE AND PROOF THEREOF IS REQUIRED AFTER HIRE.**

**THE INCUMBENT SHALL COMPLY WITH ALL HEALTH AND SAFETY POLICIES AND PRACTICES FOR THIS POSITION AND THE WORKPLACE.**

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