

Promotional Exam #2382  
**Pumper Engineer**  
Issued: March 22, 2023

### ANNOUNCEMENT OF EXAMINATION

The Civil Service Commission of the City of Bridgeport will hold a competitive promotional examination for **Pumper Engineer**. The exact time and place of the examination will be announced to all qualified candidates at a later date.

**APPLICATIONS:** Each candidate must complete an online application form supplied by the Commission and file it no later than 4:30 P.M. EDT on Wednesday, April 5, 2023. Each candidate must submit a refundable security deposit of \$150 in the form of a payroll deduction authorization form. This form will be emailed to all qualified candidates after the close of the application period and must be received by the Civil Service office within 3 business days from the date of the email notification to the candidate. This security deposit will not be deducted for any applicant who appears for all parts of the examination at the proper date and time\*. Applications must be filed online by accessing this Microsoft Office form, [here](#).

**SALARY RANGE:** \$78,925 - \$81,725; appointments to be made at the minimum entrance salary of \$78,925 a year. Advancements within the salary range may be made in accordance with the terms of the contract between the City of Bridgeport and Bridgeport Fire Fighters, Local 834, AFL-CIO.

**DUTIES:** Technical and skilled firefighting work of more than ordinary difficulty and responsibility in the driving and operation of an engine equipped with hydraulic pump; related work as required; performed under technical supervision.

**EXAM REQUIREMENTS:** This examination is open to Firefighters who are employed by the City of Bridgeport, who meet the following requirements: three years of satisfactory experience as a City of Bridgeport Firefighter, as of August 7, 2022\*\* (must have been a Firefighter with the City of Bridgeport Fire Department, on or before August 7, 2019); good knowledge of the construction of modern pumping apparatus and the methods of maintenance and operation of such apparatus; good knowledge of hydrant and nozzle pressures; working knowledge of modern methods of firefighting; good knowledge of the rules and regulations of the Fire Department; thorough knowledge of streets and locations within the City of Bridgeport; ability to make minor repairs and adjustments and check and recognize defects in motor vehicles and pumping apparatus; mechanical ability; industry; resourcefulness and good judgment.

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\* To ensure that candidates who apply will present themselves for the promotional competitive examination, the Civil Service Commission requires that all applicants provide the Office of the Civil Service Commission with a security deposit to hold a place for the candidate at the examination. Candidates who apply for the examination but do not appear at the proper date, time and place will forfeit their deposit. A detailed explanation for this security deposit can be obtained by requesting a copy from the Civil Service office.

\*\* Walker vs. Jankura: First vacancy after the expiration of the last Pumper Engineer employment list was Eric Levine (April 9, 2022) plus 120 days.

**SUBJECTS OF EXAMINATION:** Written Examination on the knowledge and skills involved in performing the duties, relative weight 33%; performance test, relative weight, 62%; seniority, relative weight 5%. All candidates will take the performance examination, as well as the written examination. Candidates in the performance examination will work with a 2021 Pierce Enforcer Pumper\*\*\*. Candidates may be expected to drive the apparatus during the performance test. Candidates will be required to pass a qualifying service rating in order to be placed on the employment list.

**LICENSE REQUIREMENT:** State law requires a Connecticut Class 2Q or a CDL Drivers License in order to drive the equipment. Before any candidate who passes the exam can be promoted to Pumper Engineer, he or she must have a valid Connecticut Class 2Q or a CDL Drivers License. If a candidate who passes the exam does not have a valid Connecticut Class 2Q or a CDL Drivers License when his or her name is reached on the employment list, his or her name will be skipped over. When the candidate acquires the necessary license, the candidate who was skipped over will be next in line for promotion from the employment list.

**EXAMINATION REVIEW PROCEDURE:** Each candidate will have an opportunity to review his or her examination during the one-month period after the date of announced results. The papers will be open to inspection during the period from 9:00 A.M., to 1:00 P.M., Monday through Friday (excluding holidays). Every inspection period will be monitored by the staff of the Civil Service Office, and no candidate will be allowed to copy examination questions or take any written material from the review room.

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\* The City of Bridgeport reserves the right to substitute apparatus if it becomes necessary to do so.

CIVIL SERVICE COMMISSION, 45 Lyon Terrace, City Hall, Room 106  
Bridgeport, Connecticut 06604  
Promotional Exam # 2382 – **Fire Pumper Engineer**  
An Equal Opportunity Employer *VET/AA/DIS/SO/GI*

## **CITY OF BRIDGEPORT**

### **Fire Department Pumper Engineer Examination Reading List**

Listed below are the source materials from which the job knowledge written examination for the rank will be developed. \* Unless specific chapters/sections are denoted, you will be responsible for the entire source. These source materials may also be used in the development of assessment/practical exercises included in the testing process.

**Essentials of Fire Fighting**, 7<sup>th</sup> edition, International Fire Safety Training Association, ISBN-13: 9780879396572, specifically:

- Chapter 12 – Fire Hose
- Chapter 13 – Hose Operations and Hose Streams
- Chapter 18 – Foam Fire Fighting, Liquid Fires, and Gas Fires

**Pumping and Aerial Apparatus Driver/Operator Handbook**, 3<sup>rd</sup> edition, IFSTA, Fire Protection Publications, ISBN-13: 9780879395711, specifically:

- Chapter 2 – Apparatus Inspection and Maintenance
- Chapter 3 – Apparatus Safety and Operating Emergency Vehicles
- Chapter 5 – Principles of Water
- Chapter 6 – Hose Nozzles and Flow Rates
- Chapter 7 – Theoretical Pressure Calculations
- Chapter 9 – Fire Pump Theory
- Chapter 10 – Operating Fire Pumps
- Chapter 12 – Relay Pumping Operations
- Chapter 14 – Foam Equipment and Systems

**The Standard Operating Procedures of the Bridgeport Fire Department**, specifically:

- SOP #004 Driver's License (rev. 05/23/2019)
- SOP #005 MVA's Involving Department Vehicles (rev. 2/13/2009)
- SOP #016 Member Reporting for Work Unfit for Duty (rev. 07/01/1997)
- SOP #017 Threats and Violence in the Workplace (rev. 02/28/2023)
- SOP #101 Initial Dispatch Procedure (rev. 02/27/2023)
- SOP #203 Safe Vehicle Operations (rev. 06/14/2019)
- SOP #404 Apparatus - Cleaning and Care (rev. 08/01/2003)
- SOP #520 Emergency Evacuation (rev. 08/01/2003)

\*Disclaimer: This reading list is being published in advance of the public notice of exam to give applicants who are interested in applying for this examination an idea of what the study material for this exam may consist of. It should not be construed as a final or comprehensive list of possible study material and is subject to change based upon the completion of a thorough job analysis, and at the discretion of the Office of the Civil Service Commission. The reading list is not certified until publication of the official public notice of the examination for this position.