



Civil Service Commission
Police and Fire Classified Service

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MEMORANDUM

TO: All Candidates for the Engineer Examination
Denver Fire Department

FROM: Earl E. Peterson *EEP*
Executive Director

SUBJ: Reading List - 2018 Examination for Engineer, Denver Fire Department

DATE: January 8, 2018

The written examination component of the 2018 Examination for Engineer is a closed-book test which requires candidates to respond to items without the use of reference materials except for the Denver Fire Department Pump Chart and the Engineer's Quick Reference. This test is based on the material contained in the official reading list, which is attached to this memorandum.

The Textbook on the *Official Reading List* is available for on-line purchase and/or rental, beginning **January 8, 2018**. Visit the amazon.com website at <http://www.amazon.com> to purchase the textbook Pumping and Aerial Apparatus Driver/Operator Handbook (Third Edition). In addition, you may wish to visit the following websites: <http://www.chegg.com/textbooks>, <http://fireservicebooks.com>, or <http://textbooks.com> to rent or purchase the textbook.

The **Department Study Material** on the *Official Reading List* was drawn from several sources and provided by the Department. The Department Study Material was provided by the Department on December 14, 2017. To download, please go to denvergov.org/civilservice and select the "Promotional Registration" link on the right side. There will be a link located under the 2018 Fire Engineer Examination Schedule to the Department Reading Material.

The Written Test will be developed using only the Textbook and the Department Study Material listed on the Official Reading List. Other editions, printings, or revisions will not be used to develop items for the Written Test.

A copy of the Job Description for the rank of Engineer is available for download at the time of online Registration at the Commission's web site (www.denvergov.org/civilservice). Select the



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Executive Director
Earl E. Peterson

“Promotional Fire” link on the right side. There will be a link located under the 2018 Fire Engineer Examination Schedule to the Job Description.

If you have any questions regarding this memorandum, the Official Reading List, or the Announcement of Examination, or should you have any problems obtaining the Textbooks or Department Study Material packet, please immediately contact Senior H. R. Data Analyst Jeff Wilson at 720-913-3380, or by email at jeff.wilson@denvergov.org.

Attachment: Official Reading List, 2018 Denver Fire Engineer Examination

READING LIST (2018 DENVER FIRE ENGINEER)

The official examination reading list is as follows:

BOOK

| TITLE AND AUTHOR | ISBN # | PRICE |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|---------|
| <u>IFSTA Pumping and Aerial Apparatus Driver/Operator Handbook</u> (2015), Third Edition, Third Printing (Exclude Page 21 Dealing with Fireboats, (Pages 212 - Formula 7.1 (metric), Page 214 – Formula 7.2 (Metric) and Formula 7.3 (Metric), Pages 248 through 277 Dealing with Formulas Example - International System of Units (Metric), Page 286 (table 8.1b (Metric)), (Pages 92 through 93, 117 through 118, 128 through 131, 543, 553 through 555, 581, 588 through 591, 664 through 665, and 669 through 671 Dealing with Tillers), Pages 684 through 686 Dealing with Operating Articulating Aerial Equipment, Chapter 11, Chapter 13, Chapter 15, Appendix A, Appendix B, Appendix D (table D.1, D.3, D.5, D.8, D.9, D.10), Appendix E, and Appendix F), Glossary, and Index) | 978-0974320625 *978-0-87939-571-1 | \$77.00 |

DENVER FIRE DEPARTMENT READING MATERIAL (5 PARTS)

A. **DENVER FIRE DEPARTMENT DIRECTIVES**

1. Accidents and Driver Review – 1010.00
2. Driver Safety Program – 1010.01
3. Accidents Involving DFD Vehicles or Apparatus – 1010.02
4. Accidents NOT Involving DFD Vehicles – 1010.03
5. Accidents Involving DFD Vehicles on DFD Property – 1010.04
6. Drivers License and Violation Reporting Policy – 1010.05
7. Emergency (Code 10) Responses – 1010.06
8. Use of Seat Belts in Department Vehicles – 1010.07
9. Mission Statement – 1019.00
10. Code of Conduct – 1020.00
11. Sexual Harassment Policy – 1021.00
12. Executive Order 94 – City and County of Denver Employees’ Alcohol and Drug Policy – 1022.00
13. Use of Department Psychologists By Fire Department Personnel For Problems Of Drug And/Or Alcohol Abuse – 1023.00

B. DENVER FIRE DEPARTMENT STANDARD OPERATING GUIDELINES

1. Rank Structure – 2101.01
2. Operating Apparatus in Reverse – 2105.01
3. Hose Inventory, Maintenance, and Testing – 2106.01
4. Rapid Intervention Team – 2110.01
5. Natural Gas – 2111.07
6. Carbon Monoxide – 2111.22
7. Engine Company Operations – 2112.01 through 2112.10
8. AFFF/ATC Foam – 2112.11
9. Truck Company Operations – 2113.01 through 2113.05
10. High Rise – 2114.00, 2114.02 through 2114.08, and 2114.20 through 2114.30
11. Special Operations Collapse Rescue – 2115.02
12. Special Operations Confined Space Rescue - 2115.03
13. Hazardous Materials – 2116.01 and 2116.02

C. 2016 COLORADO COMMERCIAL DRIVER LICENSE (CDL) MANUAL

1. Section 2 (Driving Safely)
2. Section 5 (Air Brakes)
3. Section 8 (Tank Vehicles)

D. DENVER FIRE DEPARTMENT ENGINEER'S QUICK REFERENCE CHART

E. DENVER FIRE DEPARTMENT FRICTION LOSS PUMP CHART