

Fire Tests

Donnoe & Associates' 2010 Written Test Catalog

Welcome to our **Fire Service Written Test Catalog**. We have a total of 11 Fire Service test / occupational titles. Additionally, we have EMT test supplements and alternate forms of many stock tests. Test titles are listed below, followed by complete test outlines.

Fire Service Written Tests

Fire Operations Tests

Entry Firefighter

Skilled Firefighter

EMT-Basic & Intermediate Test
Supplement

EMT-Paramedic Test Supplement

Driver Engineer

Fire Captain

Fire Battalion Chief

Fire Prevention and Dispatcher Tests

Fire Prevention Officer

Fire Inspector

Fire Dispatcher

911 Dispatcher

Emergency Communications Center Supervisor

Supervising Public Safety Dispatcher

Build-A-TestSM From our Fire Service Test Library or our Test Competencies List

From our extensive test item bank, we can *Build-A-Test* for specific job classifications. Agencies can select from the list of references and/or competencies at the end of this catalog. We can also write new questions to address specific competencies, knowledge or skills based on job analysis information.

We maintain and continually update a complete test item bank for the fire service, with all items referenced to current books and training materials.

Test Validity

Professional and regulatory guidelines for personnel selection examinations include the Uniform Guidelines on Employee Selection Procedures and the Principles for Validation and Use of Personnel Selection Procedures. These guidelines require that personnel selection exams be validated by what is known as criterion or content validation strategies. Criterion validation is a demonstration that scores on the test are correlated directly with job performance or training academy performance. Content validity focuses on the relationship between the content of the test and the content of the job. Further, validity (criterion and content) considers both exam administration and exam outcome factors.

Donnoe & Associates' written test for Entry Firefighter (F-201) is designed to predict training academy performance. We have statistical criterion related validity evidence to support this test. Validity reports are available upon request.

Most of our exam products including Stock Written Tests, *Build-A-Test* and Custom Written Tests, as well as oral exams, performance exams and assessment centers involve measurement of job knowledge or ability. These types of tests are best supported by content validity. For these tests we work closely with you, our client, to ensure that the content of the test is based on the job (job analysis, consultation on test assembly, and exam review by your subject matter experts). We provide test administration guidance including proctoring directions, and we offer scoring services as well as consultation on test score interpretation and passing scores, all at no additional fee. These steps, ensure that the examinations provided to your agency are valid and will be administered in a fair and consistent manner.

It is also important to note that a valid exam plan will go beyond a written test, and will normally include other elements, such as an oral exam, a performance test or an assessment center. This also includes not placing too much emphasis (exam weights) on measurement of abilities and knowledge through a written test; here we typically recommend that a written test be weighted less than half of the overall exam plan. We would be pleased to assist your agency with exam planning or to provide consultation on how to best use our tests.

Entry Firefighter F-201

We have three alternate forms for the **Entry Firefighter** test: **F-201-A**, **F-201-B**, and **F-201-C**. These three test forms are based on a common test item bank. This test is designed to predict candidate success in a fire training academy. For agencies who are recruiting candidates who already possess a Firefighter I certification, please see our **Skilled Firefighter** test (F-223). The Entry Firefighter test outline is shown below. F-224 and F-225 EMT Supplements can be added to this test at no additional charge (see the next page for outlines of the EMT Supplements).

Entry Firefighter F-201

Items	Description
25	Reading Comprehension
25	Math Ability
25	Teamwork and Customer Service
15	Mechanical Aptitude
10	Map Reading

The time limit for this test is 1 hour and 40 minutes. There is no pre-test study guide. Test administration is very straightforward, and does not include assessment of candidate's listening skills (i.e., the proctor does not have read-aloud components).

This test is designed to assist agencies to select candidates for entry to a fire academy. For those agencies that require candidates to possess a Firefighter I certificate before testing, see our Skilled Firefighter tests (F-221 and F-222).

Validity evidence for Donnoe & Associates, Inc.'s Entry Firefighter written test includes content and criterion evidence. This test was initially designed around a content validity strategy. Test construction was guided by the results of a task-oriented job analysis in one large agency, and confirmed in later multiple job analysis studies with other large agencies. Next, the test was administered to a sample of greater than 200 incumbent Firefighters, supervisory performance ratings were collected, and the test was correlated with job performance. This is referred to as criterion validity, using a concurrent sample. The observed uncorrected validity coefficients from this study include: (1) correlation between this test and supervisory ratings of overall individual Firefighter's job performance = .2262 ($p < .001$); and (2) correlation between this test and supervisory ratings of individual Firefighter's overall ability = .3074 ($p < .001$).

As most agencies are aware, there is a tendency for candidates to "agency hop" and take entry firefighter exams whenever they are offered. Because of this we have developed alternate forms of this test, and we closely monitor where this test is used, then avoid having neighboring agencies use the same version of the test. This assists in maintaining exam security, and reducing the possibility that an individual candidate would be advantaged, or disadvantaged by the process.

Skilled Firefighter F-223

EMT-Basic & Intermediate Supplement F-224

EMT-Paramedic Supplement F-225

The **Skilled Firefighter** test is designed to assist agencies to select candidates who already possess a Firefighter I certification. Either an EMT-Basic or EMT-Paramedic Test Supplement can be added as part of this stock test. For agencies that will send candidates to a complete fire academy, see our Entry Firefighter test (F-201).

Skilled Firefighter Form F-223

Items	Description
55	Essentials of Firefighting and Fire Department Operations. IFSTA, 5 th Edition (2008)
15	Brannigan's Building Construction For the Fire Service. NFPA, 4th Edition (2008)
15	Hazardous Materials for First Responders. IFSTA, 3rd Edition (2004)
15	Wildland Fire Fighting for Structural Firefighters. IFSTA, 4 th Edition (2003)

Note: These EMT Supplements can also be added to any other stock fire test, including Entry Firefighter, at no additional charge.

100 test items; time limit of 2 hours

EMT-Basic Supplement Form F-224

Items	Description
25	<u>EMS Field Guide, Basic and Intermediate Version (B&I)</u> , 6 th Edition (2006)

30 test items; additional time limit of 30 minutes

EMT-Paramedic Supplement Form F-225

Items	Description
50	<u>EMS Field Guide, Basic and Intermediate Version (B&I)</u> , 6 th Edition (2006), and, <u>ALS Version</u> , 16 th Edition (2006)

50 test items; additional time limit of 1 hour

Driver Engineer F-341 F-342

The **Driver Engineer** test is designed around NFPA 1002 specifications. The hydraulics problems in this test are based on IFSTA. It is recommended that candidates do not use calculators for this test.

Driver Engineer

F-341

Municipal Fire Department

Items	Description
40	<u>Pumping Apparatus Driver / Operator Handbook</u> . 2 nd Edition, IFSTA (2006)
20	<u>Hydraulic Problems, based on Pumping Apparatus Driver / Operator Handbook</u> . 2 nd Edition. IFSTA (2006)
20	<u>Essentials of Firefighting and Fire Department Operations</u> . IFSTA, 5 th Edition (2008)
20	<u>Aerial Apparatus Driver / Operator Handbook</u> . 2 nd Edition, IFSTA (2009)

100 test items; time limit of 2 hours and 20 minutes

Driver Engineer

F-342

Fire District

Items	Description
40	<u>Pumping Apparatus Driver / Operator Handbook</u> . 2 nd Edition, IFSTA (2006)
20	<u>Hydraulic Problems, based on Pumping Apparatus Driver / Operator Handbook</u> . 2 nd Edition. IFSTA (2006)
20	<u>Essentials of Firefighting and Fire Department Operations</u> . IFSTA, 5 th Edition (2008)
20	<u>Firefighter's Handbook on Wildland Firefighting</u> . By Teie, W., Deer Valley Press, 3 rd Edition (2005)

100 test items; time limit of 2 hours and 20 minutes

Driver Engineer CA DMV Supplement

Items	Description
20	<u>California Commercial Driver Handbook</u> . (2010)

20 test items; additional time limit of 20 minutes

Fire Captain (Fire Officer I / II) F-361 F-362

The **Fire Officer** test is designed around NFPA 1021 specifications.

Fire Captain F-361

Items	Description
40	<u>Fire and Emergency Services Company Officer.</u> IFSTA, 4 th Edition (2007).
20	<u>Fire and Emergency Services Instructor.</u> IFSTA, 7 th Edition (2006).
20	<u>Firefighter's Handbook on Wildland Firefighting.</u> By Teie, W., Deer Valley Press, 3 rd Edition (2005).
20	<u>Firescope California: Fire Service Field Operations Guide, ICS 420-1.</u> Incident Command System Publication (2007).

100 test items; time limit of 2 hours

Fire Captain F-362

Items	Description
40	<u>Fire and Emergency Services Company Officer.</u> IFSTA, 4 th Edition (2007).
20	<u>Fire and Emergency Services Instructor.</u> IFSTA, 7 th Edition (2006).
20	<u>Firefighter's Handbook on Wildland Firefighting.</u> By Teie, W., Deer Valley Press, 3 rd Edition (2005).
20	<u>NIMS: National Incident Management System, Principles and Practices.</u> Walsh, D. W., Christen, H. T., Miller, G. T., Christian, E. C., Cilluffo, F.J., Maniscalco, P.M.. Jones and Bartlett Publishers (2005).

100 test items; time limit of 2 hours

Battalion Chief (Fire Officer III) F-371 F-372

The **Fire Officer** test is designed around NFPA 1021 specifications.

Battalion Chief F-371

- 30 Chief Officer. IFSTA, 2nd Edition (2004)
- 30 Fire Chief's Handbook. Barr, R.C. and Eversole, J.M. (Eds.), Pennwell Publishing Co., 6th Edition (2003).
- 15 Fire Command. Brunacini, A.V. NFPA, 2nd Edition (2002).
- 25 Firescope California: Fire Service Field Operations Guide, ICS 420-1. Incident Command System Publication (2007).

100 test items; time limit of 2 hours

Battalion Chief F-372

- 30 Chief Officer. IFSTA, 2nd Edition (2004)
- 30 Fire Chief's Handbook. Barr, R.C. and Eversole, J.M. (Eds.), Pennwell Publishing Co., 6th Edition (2003).
- 15 Fire Command. Brunacini, A.V. NFPA, 2nd Edition (2002).
- 25 NIMS: National Incident Management System, Principles and Practices. Walsh, D. W., Christen, H. T., Miller, G. T., Christian, E. C., Cilluffo, F.J., Maniscalco, P.M.. Jones and Bartlett Publishers (2005)

100 test items; time limit of 2 hours

Fire Prevention Officer F-215

Fire Inspector F-245

Our Fire Prevention series includes an entry level written test (**Fire Prevention Officer**, F-215) and a skilled or journey level written test (**Fire Inspector**, F-245). The Fire Prevention Officer test should be used when full training will be provided after hiring the candidate; validity of the Fire Inspector test is based on knowledge of fire behavior, fire inspection, building construction and code enforcement prior to entry to the job. Test outlines are shown below.

Fire Prevention Officer F-215

Items	Description
25	Reading Comprehension
15	Problem Solving
35	Customer Service
25	Language Skills and Report Writing

Fire Inspector F-245

Items	Description
40	<u>Introduction to Fire Origin and Cause</u> , IFSTA, 3 rd Edition (2005)
30	<u>Fire Inspection and Code Enforcement</u> . IFSTA, 7 th Edition (2009)
20	<u>Brannigan's Building Construction For the Fire Service</u> . NFPA, 4th Edition (2008)
10	<u>Essentials of Fire Department Customer Service</u> . Brunacini, A.V., Fire Protection Publications, (1996)

Fire Dispatcher F-214

911 Dispatcher D-212

Emergency Communications Supervisor D-261

Supervising Public Safety Dispatcher D-262

We have a total of 4 Dispatcher test titles, including **Fire Dispatcher, 911 Dispatcher, Emergency Communications Center Supervisor**, and **Supervising Public Safety Dispatcher**. Outlines are shown below.

Police Dispatcher Form L-214

Test Booklet 1 – Time limit: 1 hour 30 minutes

Items	Description
20	Reasoning and Problem Solving
10	Public Contact and Telephone Communication Skills
20	Name & Number Matching
20	Deductive and Inductive Reasoning
10	Map Reading and Interpretation

Test Booklet 2 – Time limit: 7 minutes

Items	Description
40	Reactive Learning Test

Emergency Communications Center Supervisor Form D-261

Test Booklet 1 – Time limit: 1 hour 30 minutes

Items	Description
50	Principles of Management and Supervision
10	Work Scheduling
20	Office Math and Basic Budgeting
20	Office Systems

911 Dispatcher Form D-212

100 items; 2 hour time limit

Items	Description
20	Fire Dispatching Problems
25	Police Dispatching Problems
15	Dispatch Prioritization Problems
15	Name & Number Matching
25	Customer Service

Supervising Public Safety Dispatcher Form D-262

100 items; 2 hour time limit

Items	Description
15	Problem Solving
17	Teamwork and Customer Service
68	Principles of Supervision and Leadership

Build-A-Test® based on Donnoe & Associates' Fire Service Test Library and our Competencies Test Library

From our extensive test item bank, we can *Build-A-Test*SM for specific job classifications or to match agency reading lists for a recruitment. Select from the references shown below or from the list of competencies that follows these references. Additionally, we will develop at *no additional fee to the agency*, new questions from general references that are of value to us, and our other clients. These new questions can then be assembled into a test together with selected materials from our test item bank.

As new publications become available we cross reference existing items to the new reference, and/or retire existing items, then construct a new test pool. We have found that the Firefighter's Bookstore (<http://www.firebooks.com/>) is an excellent source for current publications.

Our current test item bank / library includes the following:

REFERENCE-BASED TEST ITEMS

Description of Test Content / Reference

Fire Service References

Aerial Apparatus Driver / Operator Handbook. IFSTA, 2nd Edition (2009).

Aircraft Rescue and Fire Fighting. IFSTA, 5th Edition (2008)

Automatic Sprinkler and Standpipe Systems. J.L Bryan, NFPA, 3rd Edition (1997)

Brannigan's Building Construction For the Fire Service. Brannigan, F. L. NFPA, 4th Edition (2008)

Building Construction Related to the Fire Service. IFSTA, 2nd Edition (1999)

California Commercial Driver Handbook

California Fire Code. (2001)

California Standardized Emergency Management System (SEMS) Field Course. (Modules 1-11)

Chief Officer, IFSTA, 2nd Edition (2004)

Company Officer. Smoke, Clinton H. Delmar Publishers, 2nd Edition. (2005)

Emergency Care. Limmer, D., Murray, O'Keefe, M. F. Prentice-Hall, Inc., 10th Edition (2005)

Emergency Care and Transportation of the Sick and Injured, Pollack, A. N., Ed., Jones and Bartlett Publishers, 9th Edition (2005)

Emergency Response Guidebook. U.S. Department of Transportation, (2008)

EMS Field Guide, Basic and Intermediate Version (B&I), 6th Edition (2006)

EMS Field Guide, ALS Version, 16th Edition (2006)

EMS Field Guide, Basic and Intermediate Version (B&I), 6th Edition (2006), and , ALS Version, 16th Edition (2006)

Engine Company Fireground Operations, Richman, H. NFPA 3rd Edition (2008)

2010 Fire Service Written Test Catalog

© Donnoe & Associates, Inc., Sacramento, CA

Telephone (916) 928-4911 Toll Free (877) 22-EXAMS www.donnoe.com exams@donnoe.com

REFERENCE-BASED TEST ITEMS

Description of Test Content / Reference

- Essentials of Fire Department Customer Service. Brunacini, A.V., Fire Protection Publications, (1996)
- Essentials of Fire Fighting. IFSTA, 5th Edition (2008)
- Essentials of Firefighting and Fire Department Operations, IFSTA, Brady, 5th Edition (2008)
- Fighting Fire in the Wildland/Urban Interface. Queen, P. Fire Publications, Inc., (1993)
- Fire and Emergency Services Company Officer. IFSTA, 4th Edition (2007)
- Fire and Emergency Services Instructor, IFSTA, 7th Edition (2006)
- Fire and Life Safety Educator. IFSTA, 2nd Edition (1997)
- Fire Chief's Handbook. Barr, R.C. and Eversole, J.M. (Eds.), Pennwell Publishing Co., 6th Edition (2003)
- Fire Command. Brunacini, A.V. NFPA, 2nd Edition (2002)
- Fire Department Incident Safety Officer. Dodson, D.W. Delmar Publishers, 2nd Edition. (2007)
- Fire Department Safety Officer. IFSTA, 1st Edition (2001)
- Fire Detection and Suppression Systems. IFSTA, 3rd Edition
- Fire Fighting Strategy and Tactics. Carter, H. Fire Protection Publications, (1998)
- Fire Hose Practices. IFSTA. 8th Edition (2004)
- Fire Inspection and Code Enforcement. IFSTA, 7th Edition (2009)
- Fire Officer Principles and Practice. Jones and Bartlett Publishers and NFPA 2nd Edition (2010)
- Fire Officer's Handbook of Tactics. Norman, J., PennWell Publishing Co., 3rd Edition (2005)
- Fire Officer's Handbook on Wildland Firefighting. Teie, W., Deer Valley Press, (1997)
- Fire Service Emergency Care. Dickinson, E. T., Brady / Prentice Hall, (1999)
- Fire Service First Responder. Brady / IFSTA,(2000)
- Fire Service Ground Ladders. IFSTA 9th Edition (1996)
- Fire Service Loss Control, IFSTA, 1st Edition (1999)
- Fire Service Personnel Management. Edwards, Steven T. Brady / Prentice Hall, (2000)
- Fire Service Ventilation. IFSTA, 7th Edition (1994)
- Fire Suppression Practices and Procedures. Mahoney, E. Prentice-Hall, Inc., (1992)
- Firefighter's Handbook: Essentials of Firefighting and Emergency Response. Delmar / Thompson Learning, 1st Edition, (2000)
- Firefighter's Handbook on Wildland Firefighting. By Teie, W., Deer Valley Press, 3rd Edition (2005)
- Firefighting Strategies and Tactics. Angle, J., Gala, M, Harlow, D., Lombardo, W., Maciuba, C. Delmar Publishing, 2nd Edition (2008)
- Fireground Support Operations. IFSTA, 1st Edition (2002)

REFERENCE-BASED TEST ITEMS

Description of Test Content / Reference

- Firescope California: Fire Service Field Operations Guide, ICS 420-1. Incident Command System Publication, (2007)
- From Buddy to Boss - Effective Fire Service Leadership. Sargent, C., PennWell Publishing, (2006)
- Fundamentals of Fire Fighter Skills. International Association of Fire Chiefs and NFPA. Jones and Bartlett Publishers (2004)
- Hazardous Materials for First Responders. IFSTA, 3rd Edition (2004)
- ICS Reference Texts: National Training Curriculum. (1994)
- International Building Code. International Code Council (2009)
- International Fire Code (2009)
- Introduction to Fire Origin and Cause, IFSTA, 3rd Edition (2005)
- Introduction to Fire Prevention. Robertson, J.C. Prentice-Hall, Inc., 4th Edition (1995)
- Kirk's Fire Investigation. DeHaan. Prentice-Hall, Inc., 4th Edition (1997)
- Ladder Company Fireground Operations. Richman, H. NFPA, 3rd Edition (2008)
- Management in the Fire Service. Carter, H. R. & Rausch, E. NFPA, 3rd Edition (1999)
- Managing Fire and Rescue Services. ICMA (2002)
- Managing Major Fires. Coleman, John F. PennWell Corporation, (2001)
- Model Procedures Guide for Emergency Medical Incidents. National Fire Service Incident Management System, Fire Protection Publications, 1st Edition (1996)
- Model Procedures Guide for High-Rise Fire Fighting, National Fire Service Incident Management System, 1st Edition (1996)
- Model Procedures Guide for Structural Firefighting. Fire Protection Publications, 2nd Edition (2000)
- Model Procedures Guide for Wildland Firefighting. National Fire Service Incident Management System, Fire Protection Publications, 1st Edition (2000)
- NFPA 13 - Automatic Sprinkler Systems Handbook. Dubay, Christian, P.E., 11th Edition, (2010)
- NFPA 72 National Fire Alarm and Signaling Code. (2010)
- NFPA 921 Guide for Fire and Explosion Investigations. NFPA, (2004)
- NFPA 1500 Standard on Fire Department Occupational Safety and Health Program. NFPA, (2002)
- NFPA 1901 Standard for Automotive Fire Apparatus. NFPA, (2009)
- Paramedic Emergency Care. Bledsoe, B.E., Porter, R.S., and Shade, B.R., Brady / Prentice-Hall, Inc., 3rd Edition (1997)
- Principles of EMS Systems. Roush, W. R., American College of Emergency Physicians, 3rd Edition (2006)
- Principles of Foam Fire Fighting. IFSTA, 2nd Edition (2003)
- Safety and Survival on the Fireground. Dunn, V., IFSTA, PennWell Publishing, 1st Edition (1992)

2010 Fire Service Written Test Catalog

© Donnoe & Associates, Inc., Sacramento, CA

Telephone (916) 928-4911 Toll Free (877) 22-EXAMS www.donnoe.com exams@donnoe.com

REFERENCE-BASED TEST ITEMS

Description of Test Content / Reference

- Sexual Harassment: Trend or Turning Point. Harvill, R. Ed.D., Fire Protection Publications, 1st Edition (2006)
- Strategic and Tactical Considerations on the Fireground, Smith, J. P., Second Edition, Pearson Education, Inc., (2008)
- Pumping Apparatus Driver/Operator Handbook. IFSTA, 2nd Edition (2006)
- Principles of Vehicle Extrication. IFSTA, 2nd Edition (2000)
- Strategic and Tactical Considerations on the Fireground, Smith, J. P., Second Edition, Pearson Education, Inc., (2008)
- Strategy of Firefighting, Dunn, V., Penn Well Corporation (2007)
- Truck Company Operations. Mittendorf, John. PennWell Publishing, (1998)
- Wildland Fire Fighting for Structural Firefighters. IFSTA, 4th Edition (2003)

General Management and Supervision References

- Contrarian's Guide to Leadership, The. Sample, S.B. Jossey-Bass (2002)
- Effective Supervisory Practices. ICMA, 4th Edition (2005)
- The Ethics Challenge in Public Service - A Problem Solving Guide. Lewis, Carol W., Gilman, Stuart C. 2nd Edition (2005)
- Good to Great. Collins, J. Harper Collins Publishers (2001)
- Igniting the Leader Within: The Leadership Legacy of Ben Franklin, Father of the American Fire Service, 1st Edition, by Staley, Michael F., PennWell Publishing, (1998)
- Leading Change. Kotter, J. P. Harvard Business School Press. (1996)
- The Leadership Challenge. Kouzes, J.M, Posner, B.Z. 4th Edition (2007)
- Leadership without Easy Answers. Heifetz, R.A. The Belknap Press of Harvard University Press (1994)
- Managing Human Resources: Productivity, Quality of Work Life, Profits. Cascio, Wayne F. Irwin McGraw-Hill 5th Edition (1998)
- NIMS: National Incident Management System, Principles and Practices, Walsh, D. W., Christen, H. T., Miller, G. T., Christian, E. C., Cilluffo, F.J., Maniscalco, P.M.. Jones and Bartlett Publishers (2005)
- National Incident Management System (NIMS), An Introduction IS-700. Self-Study Guide, FEMA (2004)
- National Incident Management System (NIMS), U.S. Department of Homeland Security (2008).
This document is available for download at no charge by going to:
http://www.fema.gov/pdf/emergency/nims/NIMS_core.pdf
- The Responsible Administrator. Cooper, T.L. Jossey-Bass, 5th Edition (2006)
- Stewardship. Block, P. Berrett-Koehler Publishers, Inc. First Edition. (1996)
- What Every Manager Should Know About Training, 2nd Edition, by Mager, R.F., CEP Press, (1999)

2010 Fire Service Written Test Catalog

© Donnoe & Associates, Inc., Sacramento, CA

Telephone (916) 928-4911 Toll Free (877) 22-EXAMS www.donnoe.com exams@donnoe.com

Test Content / Competency Areas

APTITUDE / ABILITY TEST ITEM SEGMENTS

Description of Test Content / Competency Measured by Test Segment

Interpersonal Skills and Workplace Communication

- Interpersonal Skills – Communication in the Workplace
- Interpersonal Skills – Customer Service
- Interpersonal Skills – Diversity in the Workplace
- Interpersonal Skills – Public Contact and Communication
- Interpersonal Skills – Teamwork

Language Skills and Reading Comprehension

- Language Skills – Editing for Errors
- Language Skills – Grammar
- Language Skills – Punctuation
- Language Skills – Sentence Ordering
- Language Skills – Spelling, General
- Language Skills – Spelling, Legal
- Language Skills – Vocabulary
- Language Skills – Vocabulary, Legal
- Reading Comprehension – General
- Reading Comprehension – Maintenance and Trades
- Reading Comprehension – Public Safety

Leadership and Supervision

- Leadership and Supervision
- Progressive Discipline
- Project Management
- Supervisory Communication
- Training
- Work Scheduling

Math Skills and Numerical Problem Solving

- Analyst and Management Math Skills
- Firefighter Math
- General Office and Business Math

APTITUDE / ABILITY TEST ITEM SEGMENTS

Description of Test Content / Competency Measured by Test Segment

Police and Corrections Math

Statistics

Mechanical and Trades

Automotive Mechanics

Building Maintenance and Custodial Practices

Code Checking

Mechanical Maintenance

Parks and Grounds Maintenance

Roads Maintenance

Safety Practices and Personal Protective Equipment

Tool Use and Tool Identification

Problem Solving

Bus Scheduling

Deductive and Inductive Reasoning

Determining Eligibility for Services

Event Planning

Entry Peace Officer

Fire Dispatcher

Inventory Control

Map Reading

Mechanical Aptitude

Military Time Conversion

Police Dispatcher

Policy Analysis

Reactive Learning

Professional and Administrative Services

Bookkeeping Accounting and Financial Management, Principles of

Dewey Decimal System, Classification of Library Materials with the

Office Systems – Filing

Interview Techniques

Office Systems – MS Excel Spreadsheet Skills / MS Word Skills

2010 Fire Service Written Test Catalog

© Donnoe & Associates, Inc., Sacramento, CA

Telephone (916) 928-4911 Toll Free (877) 22-EXAMS www.donnoe.com exams@donnoe.com

APTITUDE / ABILITY TEST ITEM SEGMENTS

Description of Test Content / Competency Measured by Test Segment

Office Systems – Name and Number Matching

Organizational Behavior and Development

Personnel Policy Interpretation / Personnel Management Knowledge

Principles of Safe Operation of a Commercial Motor Vehicle

Miscellaneous Item Banks, Not Otherwise Categorized as Above

Institutional Food Preparation, Cooking, Sanitation, and Safety

Principles of Chemistry and Laboratory Methods