

New Jersey Division of Fire Safety

Fire Service Certification Program



Candidate Handbook

Hazardous Materials Operational



New Jersey Division of Fire Safety
Office of Training and Certification
P.O. Box 809
Trenton NJ 08625-0809

January 31, 2014

Dear Certification Candidate,

Welcome to the New Jersey Fire Training Certification Program. The purpose of this manual is to provide you with information to successfully participate in New Jersey Division of Fire Safety Training and Certification testing.

This manual outlines pre-requisites, testing and application process, and provides you with a study guide reference list for the certification level you wish to pursue.

Tests are conducted under the sanction and approval of the New Jersey Division of Fire Safety, Office of Training and Certification with accreditation granted by the National Board on Fire Service Professional Qualifications (ProBoard) and the International Fire Service Accreditation Congress (IFSAC).

If you are just entering the system, you must first obtain a Division of Fire Safety Identification Number (DFSID) by filling out the ***Personal Information Form*** found at Attachment 1 of this document or online at <http://www.nj.gov/dca/divisions/dfs/forms/>. This will be your personal ID number throughout your time in the New Jersey Fire Service

Good luck and thank you for participating in the New Jersey Fire Service Certification Program.

New Jersey Organizations and Agencies Involved in the Certification Process

New Jersey State Fire Commission

The State of New Jersey established the Division of Fire Safety (originally a Bureau) thru statute law N.J.S.A 52:27D-25a et seq. As part of that law, the New Jersey Fire Safety Commission with mandated representation from various fire agencies and interest groups was created, as well as advisory councils for the major areas of jurisdiction of the Division of Fire Safety. Members of the Fire Commission and their organizations/interest groups are listed below:

Members of the Senate

The HONORABLE DONALD NORCROSS
State Senator, 5th District
The HONORABLE ANTHONY R. BUCCO
State Senator, 25th District

Members of the General Assembly

The HONORABLE JOHN WISNIEWSKI
Assemblyman, 19th District
The HONORABLE SCOTT T. RUMANA
Assemblyman, 40th District

Volunteer Fire Organization

KEVIN KRUSHINSKI

Construction Labor Industry

FREDERICK COLLENDER

Fire Insurance Industry

GERARD J. NAYLIS

Municipal Construction Official

PASQUALE J. INTINDOLA
Construction Official, Township of Nutley

New Jersey Fire Prevention & Protection Association

ARTHUR LONDENSKY

Construction Industry

DANIEL DeTROLIO
Assistant Vice President, Hartz Mountain Industries, Inc.

New Jersey League of Municipalities

Vacant

Volunteer Fire Service

KATHLEEN O'LEARY

New Jersey State Volunteer Firemen's Association

Vacant

New Jersey Career Fire Chief's Association

CHARLES W. SCHILLING

Professional Firefighters Association of New Jersey
RICHARD C. BLOHM

New Jersey State Fire Chief's Association
LAWRENCE D. WOOD

New Jersey Firemen's Mutual Benevolent Association
STEVE O'GORMAN

New Jersey Association of Fire Districts
ROGER S. POTTS

International Association of Fire Chiefs
STANLEY SICKELS

Chief Fire Administrator of a Major City
ARMANDO ROMAN

Fire Suppression Industry
KEVIN P. BELLEW
Sprinkler Fitters Local # 696

New Jersey Apartment Association
KENNETH SWIDER

Training and Education Advisory Council

The Training and Education Advisory Council, is an advisory body to the NJ State Fire Commission and recommends training initiatives and standards to the Commission. The resultant recommendations, if approved by the Commission and the Commissioner of the Department of Community Affairs are formalized into administrative regulations and published in the New Jersey Register. Members and their affiliation (volunteer or career) are listed below:

Richard R. Anderson	v	Lambertville
William Bates	v	Gibbstown Fire Co
Albert S. Beers	v	Wildwood Crest Fire Co
Brian Bennett	v	Iselin Vol. Fire Co
Patrick Bigoss	v	Mount Laurel Fire Dept
Harry R. Carter	v	Adelphia Fire Co
Michael Corbo	c	Pleasantville Fire Co/ Somers Point Fire Co
Michael Daley	c	Monroe Township Fire District #3
Eric Evers	c	Summit Fire Dept
Timothy Flannery	v	Oakland Fire Dept (ret)
Glen Franzoni	v	Vineland Fire Dept
Alfred Gerber III	v	Little Ferry Fire Dept
David L. Gsell	v/c	Mt Holly Fire Dept. Burlington County Fire Academy
Armond Guzzi	c	Long Branch FD/Monmouth County Fire Academy
Robert V. Hill	v	Gloucester County Fire Academy
William Itinger	v	Freehold Boro Fire Dept (ret)
Andrew G. Jensen	v	Toms River Fire Dept
Christopher Kozub	v	Woodbridge Fire Dept
Chester Krawcykowski, Jr.	c	East Whitehouse Fire Co
John Kubilewicz	v	Pine Beach Fire Co/Slackwood Fire Co
Kevin S. Malley	c	FDNY/New Jersey City University
Anthony S. Mangeri	v	Woodbury Fire Dept
William Noltz	v	West Long Branch
Nicholas J. Palumbo	c/v	Fort Monmouth FD/East Freehold Fire Co
Paul D. Roman	v	Shrewsbury
Paul C. Sandrock, Jr	c/v	Camden County Fire Marshal/Bellmawr Fire Dept
Wes Suckey	v	Franklin
Joseph Vallo	c	Jersey City Fire Dept
Raymond L. Van Marter	c/v	Ass't Ocean County Fire Marshal/Toms River FC
Philip Wilk	v	Mine Hill Fire Dept
Lawrence D. Wood	v	Carlstadt

New Jersey Division of Fire Safety
P.O. Box 809, Trenton NJ 08625-0809
William Kramer, Acting Director, State Fire Marshal

Office of Training and Certification

P.O. Box 809, Trenton NJ 08625-0809

Phone: (609) 777-3552

Fax: (609) 341-3469

The responsibility of the Office of Training & Certification (OTC) is to provide statewide educational and training programs relating to fire protection, fire prevention, fire safety inspection, and to certify fire officials/fire inspectors who enforce the uniform fire code. The OTC is responsible for the administration of the NJ fire training program and is the certifying agency for ProBoard and IFSAC certifications

Kent Neiswender, Supervisor

Greg Kirkham - Training & Education

Chris Michallis - Contractor Certification Unit

Kean University, Fire Safety Training Program

1000 Morris Ave, Building T-106

Union, NJ 07083

Phone: (908) 737-0230

Fax: (908) 737-0235

The Kean University Fire Safety Training Program is the NJ Division of Fire Safety's contracted agent for the administration of the fire certification and testing program. In addition, the office conducts recertification and other training programs for the New Jersey Fire Service.

DFS/Kean University Subject Matter Expert (SME) Groups

A subject matter expert group of 6-7 qualified fire service instructors is assembled by the State of New Jersey, Division of Fire Safety and the Kean University Fire Safety Training Program to review and validate each question contained in the State test banks. A second similar group has been assembled and tasked with reviewing and approving the manipulative skill testing sheets. The groups meet to review the quality of each question and skill sheet to ensure technical accuracy to the appropriate adopted NFPA Standard and associated Job Performance requirement (JPR).

In the case of the test questions, each question is reviewed to verify that a quality question has been created, establishes relevance to the training program and skill competencies, establishes quality distracters, validate that the correct answer is presented in the choices created, and the citation is linked to the adopted Standard/JPR and page number of the textbook. This leads to a completed Assessment Methodology Matrix for each certification level.

Skill sheets are reviewed to ensure that for each JPR within the adopted standard a relevant skill sheet has been provided to test each Requisite Skill (RS) within that JPR. Skill sheets are checked for accuracy and reviewed to ensure that all steps to complete the skill are listed and tested.

Tier I Training Centers

A Tier I training Center is defined in the New Jersey Administrative Code Section 5:73-2.2 (c) 1. Broadly, the section requires the facility to have classrooms, drill areas, smokehouse, drill tower and a live burn facility. Courses and testing offered under the New Jersey Fire Service Certification program will be restricted to Tier I facilities.

Currently the following facilities have met the criteria for Tier I classification

Atlantic County Fire Training Center
Bergen County Fire Academy
Brick Township Fire Academy
Burlington County Fire Academy
Camden County Fire Academy
Cape May County Fire Academy
Cherry Hill Fire Department Training Division
Cumberland County Fire Training Center
Gloucester County Fire Academy
Hunterdon County Emergency Services Training Center
Mercer County Fire Academy
Middlesex County Fire Academy
Middletown Fire Academy
Monmouth County Fire Academy
Morris County Public Safety Training Academy
Northfield Fire Department Fire Training Center
Ocean County Fire Academy
Paramus Life Safety Complex
Passaic County Public Safety Academy
Passaic Fire Department
Piscataway Township Fire School
Salem County Emergency Services Training Center
Sussex County Fire Academy
Somerset County Emergency Services Training Academy
Toms River Township Fire Academy, Fire Districts 1 & 2
Union County Fire Academy
Warren County Fire Academy

Certification Requirements

Hazardous Materials, Operational Level

General Accreditation Information

The standards and requirements listed in this packet apply to the Hazardous Materials training program offered as part of the NJ Firefighter I program. Candidates may obtain the training through other programs which meet the certification requirements set forth in the Code of Federal Regulations 29 CFR 1910.120. These programs may be accepted in lieu of the New Jersey program once a determination is made that adequate written and skills testing have taken place to meet the intent of the NJ certification process.

Performance Standard

The NFPA 472-20013 edition, *Standard for Competence of Responders to Hazardous Materials/Weapons of Mass Destruction Incidents*, will be the performance standard referenced both the Hazmat Awareness and Hazmat Operations certification.

Required texts

- **“Fundamentals of Fire Fighter Skills, Second Edition – New Jersey Edition,” Published by Jones and Bartlett.** This publication will be provided to you as part of the Firefighter I course materials by the Tier I Fire Academy at which you are enrolled.

Entrance requirements

Prerequisite Physical and Medical requirements

- As per NFPA 1001, 2013 edition, before candidates enter Firefighter I training of which Hazardous Materials certification is a component, evidence or certification shall be provided to the Eligible Training Organization conducting the program that the candidate has met the requirements of NFPA 1582, *Standard on Comprehensive Occupational Medical Program for Fire Departments* Chapter 5. Subsection 5.1.1 which outlines the Essential Job Tasks to be evaluated by the candidate’s department’s medical authority during the entrance physical examination.
- The NJ Division of Fire Safety, Office of Training and Certification has determined that compliance with US Department of Labor 29 CFR 1910.156(4) and 1910.156 (c) will be accepted as equivalent compliance. This section states in part:

“4. Physical capability: The physical capability requirement applies only to those fire brigade members who perform interior structural firefighting. Employees who cannot meet the physical capability requirement may still be members of the fire brigade as long as such employees do not perform interior structural firefighting. It is suggested that fire brigade members who are unable to perform interior structural firefighting be assigned less stressful and physically demanding fire brigade duties, e.g., certain types of training, recordkeeping, fire prevention inspection and maintenance, and fire pump operations.

Physically capable can be defined as being able to perform those duties specified in the training requirements of section 1910.156(c). Physically capable can also be determined by physical performance tests or by a physical examination when the examining physician is aware of the duties that the fire brigade member is expected to perform.”

Evaluation requirements

Written Examination

The Hazardous Materials Operations examination will be conducted as part of the Firefighter I training program, but will be tested and graded separately. Test questions for the test will be taken from the Jones and Bartlett Publishers publication titled “***Fundamentals of Fire Fighter Skills, Second Edition – New Jersey Edition,***” The testing parameters are as follows:

Hazmat Operations

The Hazmat Operations test will consist of 35 randomly generated questions. Candidates will have a maximum of one hour to complete the examination. A score of 70% (25 correct) or above shall constitute a passing grade for the candidate.

Written Examination Re-Test Policy

Applicants shall have three opportunities to successfully pass the written examination. If an applicant fails upon the third attempt to pass the examination, he or she shall be required to repeat the entire Hazmat Awareness or Hazmat Operations instructional program.

Reasonable Accommodation

The NFPA Standards that are used as the basis for training requirements all have at least one requirement that calls for the candidate to read and understand a variety of information. Candidates awarded certification when the test was read to them cannot meet the requirements of being able to read a document, resource, or reference and apply the information at the scene of an emergency. The reading of such material as MSDS sheets, written preplans, etc. is crucial to the successful mitigation of a fire or other emergency incident.

Therefore the following criteria for “*Reasonable Accommodation*” are hereby promulgated for all written testing given by, or under contract with, the New Jersey Division of Fire Safety:

*“Accommodation for written testing in the form of extra time will be granted for persons with medically diagnosed reading disabilities. Extra time will be defined as an overly generous time frame for completion of the test for all candidates. This accomplishes the purpose of reasonable accommodation without any stigma or “fairness” issues attached to those who require the extra time. There will be **NO** oral examinations. Time allowance for the Hazmat tests are: Hazmat Awareness: 45 minutes; Hazmat Operations: 1 hour.”*

Practical Examination

Practical examinations are intended to measure the practical skills of the Hazardous Materials Awareness and Operations candidate. A Tier I fire academy is capable of testing 100% of the practical objectives; and the candidate must be prepared to exhibit proficiency in each. The final practical exam will consist of three (3) Mandatory skill sets (related skill sheets tested together) and 2 elective skill sheets randomly selected and performed in a classroom setting. A score of 80% or above on each skill sheet shall constitute a passing grade. All skill sheets utilized in the Hazardous Materials Operations Program are found under Attachment 2 of this document.

Practical Examination Re-Test Policy

Candidates receiving unsatisfactory grades on 50% or more of the skill sets being tested will fail the skills test and be advised to seek remedial education and reapply for another certification testing process.

Candidates receiving unsatisfactory grades on less than 50% of the skill sets being tested will be allowed to retest those unsatisfactory skill sets in accordance with policies and procedures. All candidates re-testing will be allowed to retest a skill station up to two (2) times, within one (1) year of the start of the testing process. All candidates eligible for retesting may be given the opportunity to retest on the same day at the discretion of the testing Eligible Training Organization, depending upon available staffing, costs and time limits to complete the testing.

Completion Time

Candidates have 18 month to complete the Firefighter I/Hazardous materials program, including all retesting. The only two exceptions to this would be

- A medical condition verified by a physician
- Active duty in the U.S. military

Appeal Process

Any candidate aggrieved by a decision during a certification program is entitled to due process, including appeal and hearing. Any person believing that they have not received fair treatment within the certification process is entitled to the appeal process. There are three steps to the appeal process

- First Level of Appeal Testing Eligible Organization Chief/Director
- Second Level of Appeal: NJ Division of Fire Safety, Office of Training and Certification
- Final Level of Appeal: NJ Department of Community Affairs, Office of Administrative Law as per N.J.A.C. 5:73-1.5(c) which also reference N.J.A.C. 1.1

Academic integrity/cheating

Any candidate who is caught cheating on any element of the examination process will:

- Be denied certification.
- Be immediately expelled from the current certification process and any other certification category or levels in which they have active files.
- Forfeit all certification fees paid prior to that point.
- At the Division's discretion, all certifications issued by the Department of Community Affairs held by any individual accused of cheating on any Division Certification Exam may be revoked.

Awarding of Certification

A certification for Hazmat Operations shall be granted to an individual who is at least 18 years of age and has met all of the following requirements:

- Has successfully completed all instructional modules listed in the New Jersey Firefighter I adopted program for Hazardous Materials
- Has taken and passed a written examination as established by N.J.A.C. 5:73-4.4(a) for each level
- Has successfully passed a skills test as established by N.J.A.C. 5:73-4.4(a) for each level.

Candidates will make application to the New Jersey Division of Fire Safety, Office of Training and Certification on the form illustrated in Attachment 1 of this document and obtainable online at

<http://www.nj.gov/dca/divisions/dfs/forms/>