

# **New Jersey Division of Fire Safety**

## **Fire Service Certification Program**



### *Candidate Handbook*

## **Hazardous Material Technician**



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

January 1, 2023

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 (Pro Board) 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.

**Captain Gregory S. Kirkham**

Supervisor, Office of Training and Certification and the Contractor's Certification & Emblem Unit

# New Jersey Organizations and Agencies Involved in the Certification Process

## New Jersey State Fire Safety Commission

The State of New Jersey established the Division of Fire Safety (originally a Bureau) thru statute law N.J.S.A 52:27D-192 et seq on November 12, 1983. 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 LINDA R. GREENSTEIN  
State Senator, 14th District

The HONORABLE SAMUEL D. THOMPSON  
State Senator, 12th District

### Members of the General Assembly

The HONORABLE JOSEPH DANIELSEN  
Assemblyman, 17th District

The HONORABLE KEVEN J. ROONEY  
Assemblyman, 40th District

### Volunteer Fire Organization

KEVIN KRUSHINSKI

### Construction Labor Industry

FREDERICK COLLENDER

### Fire Insurance Industry

GERARD J. NAYLIS

### Municipal Construction Official

CHARLES A. MARIA

### New Jersey Fire Prevention & Protection Association

ARTHUR LONDENSKY

### Construction Industry

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

### New Jersey League of Municipalities

RAYMOND HECK

### Volunteer Fire Service

KATHLEEN O'LEARY

**New Jersey State Volunteer Firemen's Association**  
CHARLES SIEDENBURG

**New Jersey Career Fire Chief's Association**  
NELSON WIEST

**Professional Firefighters Association of New  
Jersey**  
RICHARD C. BLOHM

**Municipal Fire Protection Subcode Official**  
GEORGE ALEU

**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**  
ARTHUR R. HAYDUCKA

**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**  
PAUL MCGRATH

**Commission Secretary**  
CHARLES LAVIN

**Members of the Public**  
JOHN S. WISNIEWSKI  
KARL T. SPINNER

# Training and Education Advisory Council

The Training and Education Advisory Council, is an advisory body to the NJ State Fire Safety Commission and recommends training initiatives and standards to the Commission. Their 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:

Anthony Avillo	c	Monmouth County Fire Academy
William Bates	v	Gloucester County Fire Academy
Brian Bennett	v	Iselin Vol. Fire Co
Patrick Bigoss	v	Mount Laurel FD (ret)
Patrick Boyle	v	
Michael Cahill	c	Ventnor City FD
Michael Corbo	c	Pleasantville Fire Co/ Somers Point Fire Co
Anthony Correia	c	Burlington Township FD (ret)
Michael Daley	c	Monroe Township Fire District #3
Chad J. DiGiorgio	c	East Hanover FD
Philip Drangula	c	Cinnaminson Township FD
Douglas Foley	v	Toms River Township FD
Arthur R. Hayducka	v	New Market Vol. FD
Robert V. Hill	v	Gloucester County Fire Academy (ret)
Chester Krawcykowski, Jr.	c	East Whitehouse Fire Co
John Kubilewicz	v	Pine Beach Fire Co/Slackwood Fire Co
Ronald D. Martinelli	v	Vineland FD (ret)
William Nolte	v	West Long Branch FD
Walter Nugent		
Alan Querec	v	Rocky Hill FD
Paul D. Roman	v	Shrewsbury Township FD
Paul C. Sandrock, Jr	c/v	Bellmawr Fire Dept (ret)
Charles Siedenburg	v	Logan Township Volunteer FD
Wes Suckey	v	Franklin Township FD
Joseph Vallo	c	Jersey City FD
Raymond L. Van Marter	c/v	Ass't Ocean County Fire Marshal/Toms River FC
Philip Wilk	v	Mine Hill FD
Nelson Wiest		NJ Career Fire Chiefs

# **New Jersey Division of Fire Safety**

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

*Richard J. Mikutsky, Director, State Fire Marshal*

## **Office of Training and Certification**

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

Phone: (609) 777-3552

Fax: (609) 292-6831

The responsibility of the Office of Training & Certification (OTC) is to provide statewide educational, training, and credentialing programs relating to fire suppression, fire protection, fire prevention, fire safety inspection, and to certify all titles authorized in N.J.A.C. 5:71 and 5:73. The OTC is responsible for the administration of the NJ fire training program and is the state certifying agency for Pro Board and IFSAC certifications.

Gregory Kirkham, Supervisor

Steven Taylor – Training & Education

Christopher Michallis - Contractor Certification Unit

## **Kean University, Fire Safety Training Program**

1000 Morris Ave, Building L-145

Union, NJ 07083

Phone: (908) 737-3060

Fax: (908) 737-3065

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

## **DFS/Kean University Subject Matter Expert (SME) Groups**

A subject matter expert group of 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, 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 adopted 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. Testing offered under the New Jersey Fire Service Certification program will be restricted to Tier I facilities and career fire departments.

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

Atlantic County Fire Training Center  
Bergen County Fire Academy  
Bergenfield Fire Training Center  
Brick Township Fire Academy  
Burlington County Emergency Services Training Center  
Camden County Fire Academy  
Cape May County Fire Academy  
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  
Somerset County Emergency Services Training Academy  
Sussex County Fire Academy  
Toms River Township Fire Academy, Fire Districts 1 & 2  
Union County Fire Academy  
Warren County Fire Academy

# Certification Requirements, Hazardous Material Technician

## General Accreditation Information

### *Performance Standard*

- The NFPA 1072 2017 edition standard, *Standard for Hazardous Material/Weapon of Mass Destruction Emergency Response Personnel Professional Qualifications*, will be the performance standard referenced for Hazardous Material Technician certification.

## Required texts

- International Fire Service Training Association (IFSTA) publication titled “*Hazardous Materials Technician, 2<sup>nd</sup> Edition*”

## Entrance requirements – Fire Service Personnel

### *Fire Service training completed prior to start of HAZMAT Technician training*

- Firefighter 2
- I-200 (classroom based)
- HAZMAT Awareness, HAZMAT Operations, HAZMAT Operations Mission Specific 6.2, HAZMAT Operations Mission Specific 6.6

### *OSHA required training prior to the start of HAZMAT Technician training*

- The Eligible Organization shall verify that the agency has certified the Hazardous Materials Technician candidate has received at least twenty-four hours of training equal to the First Responder Operations level before starting Hazardous Materials Technician training (per OSHA 1910.120(q)(6)(iii)).

## Entrance requirements – Non-Fire Service Personnel

### *Training completed prior to start of HAZMAT Technician training*

- HAZMAT Awareness
- HAZMAT Operations
- I-200 (online or classroom)

### *OSHA required training prior to the start of HAZMAT Technician training*

- The Eligible Organization shall verify that the agency has certified the Hazardous Materials Technician candidate has received at least twenty-four hours of training equal to the First Responder Operations level before starting Hazardous Materials Technician training (per OSHA 1910.120(q)(6)(iii)).

## Evaluation requirements

### *Written Examination*

- The Hazardous Materials Technician examination will be comprised of 100 randomly generated questions from the International Fire Service Training Association (IFSTA) publication titled “*Hazardous Materials Technician, 2<sup>nd</sup> Edition*”

Candidates will have a maximum of 3 hours to complete the examination. A score of 70% or above corrected 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 Hazardous Materials Technician instructional program.

### ***5:73-4.5 Reasonable Accommodation***

- Accommodations for persons with documented learning disabilities will be established for written examinations as follows:
  1. The Office of Training and Certification within the Division of Fire Safety and eligible institutions or organizations approved through this chapter shall offer reasonable and appropriate accommodations for those persons with learning disabilities in reading decoding, reading comprehension, and/or written expression.
  2. A person requesting accommodations for written examinations shall make the request to the instructor of the training program, at least 30 calendar days prior to the examination date.
  3. Documentation of the learning disability shall include one of the following:
    - i. A diagnosis based upon the results of a standardized psycho-educational assessment, including an individually administered standardized measure of intelligence and an individually administered standardized measure of achievement in reading decoding, reading comprehension, and/or written expression; or
    - ii. A diagnosis made by a qualified professional, according to the criteria outlined in the American Psychiatric Association's Diagnostic and Statistical Manual of Mental Disorders (DMS-5) (5th Edition), incorporated herein by reference, as amended and supplemented. This manual may be obtained by contacting the American Psychiatric Association, Suite 800 Maine Ave Washington, DC 20024 or at [www.psychiatry.org](http://www.psychiatry.org). All diagnoses shall have been made within five years of the date of the written examination.
- A person who qualifies for accommodations, as reviewed and determined by the training program staff, shall be permitted a total of three hours to complete a 100-question exam, one and one-half hours for a 50-question exam, 65 minutes for a 35-question exam, and 45 minutes for a 25-question exam. Variations of these written examinations that use different quantities of examination questions shall be adjusted at the discretion of the instructor to reflect a comparable accommodation. Where it is determined that an individual is eligible for extended time for taking the written examination, the three-hour limit shall be extended by thirty (30) minutes.
- No special accommodation involving oral assistance shall be permitted.
- A maximum of three attempts per examination title shall be provided for a student to pass written examinations. A minimum passing score shall be 70 percent correct.
- All attempts to successfully pass written examinations shall be completed by the student according to the eligible training organization's policies and course completion timeline requirements.

### ***Practical Examination***

Practical examinations are intended to measure the practical skills of the Hazardous Materials Technician 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 **fifty-eight** skills sheets, twenty of which are mandatory. A score of 80% or above on each skills sheet shall constitute a passing grade. If more than 50% of the skill sheets are failed, the entire HAZMAT Technician course must be repeated. The skills sheets utilized in the Hazardous Materials Technician Program is found <http://www.keanfiresafety.com/hazardous-materials-technician/>

### ***Practical Examination Re-Test Policy***

Candidates receiving unsatisfactory grades on 50% or more of the skills 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 set being tested will be allowed to retest those unsatisfactory skills sets in accordance with policies and procedures. All candidates re-testing will be allowed to retest a skills 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 months to complete the Hazardous Materials Technician 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***

#### **For actions taken against a candidate:**

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
- Final Level of Appeal                      NJ Division of Fire Safety Training Supervisor

#### **For appeal of test question**

As required by both Pro Board and IFSAC, a student has the right to appeal the results of an examination. Proctors at the testing site, upon being notified by the student of a potential appeal, shall have no further conversation regarding the question itself, but rather will instruct the student that they have 15 business days from the date the student is notified of their grade to file an appeal of the score received or the validity of an individual question. Such appeal must be filed with the Office of Training and Certification (OTC) New Jersey Division of Fire Safety, listing pertinent facts and the reason for the appeal, as well as the relief sought. The Supervisor, NJDFS OTC, will review and render a decision within 30 days of receipt. Such decisions will be conveyed to the student in writing, with a copy to the local testing agency.

### ***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 *Hazardous Materials Technician* shall be granted to an individual who is at least 18 years of age and has met all of the following requirements:

***Prior certifications – Fire Service Personnel***

Possess NJ Firefighter I, Firefighter II, IMS Level 1, Hazardous Materials: Operations, Mission-Specific Personal Protective Equipment (PPE) and Product Control.

***Certification Requirements***

- Satisfactorily complete the Hazardous Materials Technician course of instruction that meets the requirements of NFPA 1072, ***Standard for Hazardous Material/Weapon of Mass Destruction Emergency Response Personnel Professional Qualifications, 2017 Edition***. NOTE: Only an educational program completed within the three years prior to, or at the time of, application shall be accepted toward fulfilling the requirements for certification.
- Successful completion of the Hazardous Materials Technician written examination administered through the Office of Training and Certification.
- Has successfully passed a skills test administered through the approved Eligible Training Organizations.

***Prior certifications – Non-Fire Service Personnel***

Possess Hazardous Materials Awareness, Hazardous Materials Operations, and I-200 course completion certificates.

***Certification Requirements***

- Satisfactorily complete the Hazardous Materials Technician course of instruction that meets the requirements of NFPA 1072, ***Standard for Hazardous Material/Weapon of Mass Destruction Emergency Response Personnel Professional Qualifications, 2017 Edition***. NOTE: Only an educational program completed within the three years prior to, or at the time of, application shall be accepted toward fulfilling the requirements for certification.
- Successful completion of the Hazardous Materials Technician written examination administered through the Office of Training and Certification.
- Has successfully passed a skills test administered through the approved Eligible Training Organizations.

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/>