

Hazardous Materials Awareness June 2019

Skill Sheet Package

Based on *NFPA 1072: Standard for Professional Competence of Responders to Hazardous Materials Incidents*, 2017 Edition.



Tennessee
Commission on
Firefighting

June 2019

Certification Criteria

Hazardous Materials Awareness



Pre-Requisites

- Candidate must be 18 years of age
- High School Diploma/GED

Certification Requirements

To be issued certification as a Hazardous Materials Awareness, the candidate will:

Written Examination

- Perform to a minimum 70% competency on a 100-question examination for Hazardous Materials Awareness.
 - Retest after 15 days and must be passed within one year of passing the practical.

Practical Examination

- Successfully complete a skills evaluation (1 skill sheet randomly selected by the TFFC), to a minimum of 70% competency and successful completion of all critical points.
 - Retest after 15 days

Basis: Tennessee Commission on Firefighting Personnel Standards & Education, Rules Chapter 0360-03- Requirements for Certified Hazardous Materials Technician.



TENNESSEE FIRE COMMISSION

Hazardous Materials Awareness

Full Name: _____

This Instructional JPR Verification Sheet should be used in conjunction with the Tennessee Fire Commission Hazardous Materials Awareness Skill Sheets. These skills meet all the requirements of NFPA 1072, *Standard for Hazardous Materials/Weapons of Mass Destruction Emergency Response Personnel Professional Qualifications*, Ch. 4, 2017 Edition. Each of these skills should be taught and assessed during a course to prepare the student for testing.

Practical Examination for Certification: Skills testing will be conducted using a minimum of 1 skill sheet of the JPRs listed below. The skills will be randomly drawn by the TFFC Coordinator and administered by an approved evaluator after all training hours have been completed. For successful completion of the practical examination, a minimum 70% competency (including critical points) is required for certification. Please refer to the Certification Criteria for this level for a complete listing of the certification requirements.

| Skill Sheet | Primary Task | JPR(s) Covered |
|--------------------------|--------------------------------|-----------------------|
| 01 | Recognition and Identification | 4.2.1 |
| 02 | Initiate Protective Actions | 4.3.1 |
| 03 | Notification | 4.4.1 |
| Course Location: | | Course Date: |
| Instructor Printed Name: | | Instructor Signature: |
| Candidate Printed Name: | | Candidate Signature: |



Recognition and Identification

NFPA 1072, *Standard for Hazardous Materials/Weapons of Mass Destruction Emergency Response Personnel Professional Qualifications*, 2017 edition; 4.2.1

Hazardous Materials Awareness

Skill Sheet HMA - 01

The candidate will recognize and identify the hazardous materials/WMD and hazards involved in a hazardous materials/WMD incident, given a hazardous materials/WMD incident, and approved reference sources.

Expected time to complete skill(s) is 10 minutes.

| Criteria/Performance Steps: | | Test | |
|--|--------------------------------------|---------------------------|--------|
| Safely performs the following steps: | | P | F |
| 1. Recognize indicators to the presence of hazardous materials/WMD | | | |
| 2. Identify hazardous materials/WMD by name, UN/NA identification number, placard applied, or container identification charts | | | |
| 3. Use the ERG, SDS, shipping papers with emergency response information, and other approved reference sources to identify hazardous materials/WMD and their potential fire, explosion, and health hazards | | | |
| | | | |
| Candidate must successfully perform 3/3 steps including ALL CRITICAL POINTS | | Score: __/3 | |
| Evaluator Notes | | | |
| Evaluator Print Name & Signature: | Date | Overall Skill Sheet Score | |
| | | Pass__ | Fail__ |
| By my signature above, I verify that I am currently certified to the level I am testing (TN/PB/IFSAC) | | | |
| | | | |
| | | | |
| Candidate Print Name & Signature: | Candidate: Print Name or Candidate # | | |
| Note to Evaluator(s): By your signature above, you verify that you are qualified to serve as an Tennessee Fire Commission Evaluator, have followed TFFC Testing Policies and have witnessed that the above candidate has tested the above skills in their entirety. | | | |
| Note to Student: Skill will end when you state or indicate to the evaluator that you have completed all the identified steps. Notify the evaluator at ANY time that you have a safety concern | | | |



Initiate Protective Actions

NFPA 1072, *Standard for Hazardous Materials/Weapons of Mass Destruction Emergency Response Personnel Professional Qualifications*, 2017 edition; 4.3.1

Hazardous Materials Awareness

Skill Sheet HMA - 02

The candidate will isolate the hazard area and deny entry at a hazardous materials/WMD incident, given a hazardous materials/WMD incident, policies and procedures, and approved reference sources.

Expected time to complete skill(s) is 10 minutes.

| Criteria/Performance Steps: | | Test | |
|--|--|--------------------------------------|-------------|
| Safely performs the following steps: | | P | F |
| 1. Recognize precautions for protecting responders and the public | | | |
| 2. Identify hazard and isolation areas | | | |
| 3. Deny entry to prevent further exposure or harm | | | |
| 4. Avoid or minimize hazards | | | |
| | | | |
| Candidate must successfully perform 3/4 steps including ALL CRITICAL POINTS | | | Score: __/4 |
| Evaluator Notes | | | |
| Evaluator Print Name & Signature: | | Date | |
| | | Overall Skill Sheet Score | |
| | | Pass___ | Fail___ |
| By my signature above, I verify that I am currently certified to the level I am testing (TN/PB/IFSAC) | | | |
| | | | |
| | | | |
| Candidate Print Name & Signature: | | Candidate: Print Name or Candidate # | |
| Note to Evaluator(s): By your signature above, you verify that you are qualified to serve as an Tennessee Fire Commission Evaluator, have followed TFFC Testing Policies and have witnessed that the above candidate has tested the above skills in their entirety. | | | |
| Note to Student: Skill will end when you state or indicate to the evaluator that you have completed all the identified steps. Notify the evaluator at ANY time that you have a safety concern | | | |



Notification

NFPA 1072, *Standard for Hazardous Materials/Weapons of Mass Destruction Emergency Response Personnel Professional Qualifications*, 2017 edition; 4.4.1

Hazardous Materials Awareness

Skill Sheet HMA - 03

The candidate will initiate required notifications at a hazardous materials/WMD incident, given a hazardous materials/WMD incident, policies and procedures, and approved communications equipment.

Expected time to complete skill(s) is 10 minutes.

| Criteria/Performance Steps: | | Test | |
|--|------|--------------------------------------|---------|
| Safely performs the following steps: | | P | F |
| 1. Operate approved communications equipment | | | |
| 2. Communicate in accordance with policies and procedures. | | | |
| 3. Communicate the necessary information | | | |
| Candidate must successfully perform 3/3 steps including ALL CRITICAL POINTS | | Score: __/3 | |
| Evaluator Notes | | | |
| Evaluator Print Name & Signature: | Date | Overall Skill Sheet Score | |
| | | Pass___ | Fail___ |
| By my signature above, I verify that I am currently certified to the level I am testing (TN/PB/IFSAC) | | | |
| | | | |
| | | | |
| Candidate Print Name & Signature: | | Candidate: Print Name or Candidate # | |
| Note to Evaluator(s): By your signature above, you verify that you are qualified to serve as an Tennessee Fire Commission Evaluator, have followed TFFC Testing Policies and have witnessed that the above candidate has tested the above skills in their entirety. | | | |
| Note to Student: Skill will end when you state or indicate to the evaluator that you have completed all the identified steps. Notify the evaluator at ANY time that you have a safety concern | | | |