

# WYOMING FIREFIGHTERS CERTIFICATION SYSTEM



## WYOMING HAZARDOUS MATERIAL TECHNICIAN ANNUAL REFRESHER TRAINING

AND

## CERTIFICATE RENEWAL

**NFPA 472 & OSHA 1910.120  
2008 EDITION**

WYOMING DEPARTMENT OF FIRE PREVENTION  
AND ELECTRICAL SAFETY



## EVERYONE GOES HOME<sup>®</sup> FIREFIGHTER LIFE SAFETY INITIATIVES

### 16 Firefighter Life Safety Initiatives

1. Define and advocate the need for a cultural change within the fire service relating to safety; incorporating leadership, management, supervision, accountability and personal responsibility. **\*From top to bottom the culture of the fire service must change. You can change your behavior today. Lead by example and make a difference – be an agent of change.**
2. Enhance the personal and organizational accountability for health and safety throughout the fire service. **\* Each fire service organization must promote safe practices; each individual must have the tools to be safe and adhere to safe practices at ALL TIMES.**
3. Focus greater attention on the integration of risk management with incident management at all levels, including strategic, tactical, and planning responsibilities. **\* Learn the concept of "Risk Management," ensure everyone understands the difference between acceptable risk and an unacceptable risk. Develop and implement a system to pre-identify unacceptable risk. GO and NO GO.**
4. All firefighters must be empowered to stop unsafe practices. **\* Firefighters must be allowed to identify and report unsafe practices. Be aware of safe practices and look for unsafe ones.**
5. Develop and implement national standards for training, qualifications, and certification (including regular recertification) that are equally applicable to all firefighters based on the duties they are expected to perform. **\* Seek state and national certifications at all levels available to your department. Support refresher training, promote teaching new methods and improve skills which are used infrequently.**
6. Develop and implement national medical and physical fitness standards that are equally applicable to all firefighters, based on the duties they are expected to perform. **\*Departments should establish and enforce SOP's which support wellness. Adopt a "heart healthy" life style.**
7. Create a national research agenda and data collection system that relates to the initiatives.  
**\* Encourage your department to participate in WFIRS. Support data gathering at your department.**
8. **\*Utilize available technology wherever it can produce higher levels of health and safety.**
9. Thoroughly investigate all firefighter fatalities, injuries, and near misses. **\*Implement investigation without delay.**
10. **\* Grant programs should support the implementation of safe practices and/or mandate safe practices as an eligibility requirement.**
11. National standards for emergency response policies and procedures should be developed and championed. **\* National standard for emergency response policy and procedures should be developed. At the local level – help adopt safe driving rules and enforce them – "arrive alive."**
12. National protocols for response to violent incidents should be developed and championed. **\* Fire and EMS workers deserve to have policies which will reduce their exposure to all threats of violence.**
13. Firefighters and their families must have access to counseling and psychological support.  
**\* Firefighting is a high risk occupation, which can put firefighters and their families under extreme stress. They deserve access to mental health care.**
14. Public education must receive more resources and be championed as a critical fire and life safety program. **\* Public education is a responsibility of all fire service personnel. It should not be reserved for one week in October. Make communicating the fire prevention message to the community a priority.**
15. Advocacy must be strengthened for the enforcement of fire code. **\* Make sure all firefighters understand how sprinkler systems operate and the value they bring to reducing Line of Duty Death.**
16. Safety must be a primary consideration in the design of apparatus and equipment.  
**\* Encourage your department to make safety the highest priority in equipment and apparatus purchases – as high as design and price.**



### 16 Firefighter Life Safety Initiatives

The 16 initiatives, listed on the preceding page, address the 6 root causes of firefighter injuries, close calls, and Line of Duty Death.

1. Ineffective policies and procedures.
2. Ineffective decision making.
3. Lack of preparedness.
4. Ineffective leadership.
5. Lack of personal responsibility.
6. Extraordinary and unpredictable circumstances.

For more information on the

Courage to be safe .... So everyone goes home program

Contact the Department of Fire Prevention

Training Division

At 307-777-7288

Or

View the Courage to be Safe Drills on our website at: <http://wyofire.state.wy.us>

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## INTRODUCTION

The world we live in is changing so fast, and the many phases of the fire service are becoming so technical and complex that fire service training must be utilized to its maximum potential. Any overlap, fragmentation, and lack of basic structure must be eliminated. Standardization is the natural complement and necessity.

The fire service in Wyoming, through a state certification program, can meet the needs of future growth and establish uniformity through certification. We will then have more effective and efficient utilization of resources so as to provide the best possible fire protection service for all the citizens throughout the state of Wyoming.

The following recertification requirements are based on the objectives listed in the National Fire Protection Association (NFPA) 472 *Standard for Professional Competence of Responders to Hazardous Materials Technician*, as verified and adopted by the Department of Fire Prevention and Electrical Safety (DFPES) and the Wyoming Firefighters Certification Committee (WFCC).

Through these national standards and certification, firefighters and fire departments have a tool to measure specific levels of skills, abilities and knowledge. The DFPES and the WFCC believe by participating in this annual training program Wyoming firefighters and fire departments will be better prepared to provide quality life safety and fire protection for their communities.

### Hazardous Materials Technician Level Annual Refresher Training

The focus and purpose of the Technician Level Responder is to give the front line firefighter the ability to:

- Demonstrate all competencies as developed at the Technician level.
- Collect and interpret hazard and response information.
- Determine extent of damage to containers.
- Identify the response objectives for a hazardous materials incident.
- Select PPE for a given action and decontamination procedures.
- Don, work-in, doff Level A and B suits.
- Perform control functions as determined by the action plan.
- Evaluate, debrief, critique and document an incident.

### **Annual Refresher Training**

In accordance with OSHA 1910.120(q)(8)(i), those employees who are trained in accordance with paragraph (q)(6) of this section shall receive annual refresher training of sufficient content and duration to maintain their competencies, or shall demonstrate competency in those areas at least yearly.

In accordance with OSHA 1910.120(q) (8) (ii), a statement shall be made of the training or competency, and if a statement of competency is made, the employer shall keep a record of the methodology used to demonstrate competency.

## **Standards for Regional Emergency Response Teams**

Homeland Security, Office of General Agency, Board or Commission Rules Current Rules and Regulations

### **Wyoming Emergency Response Rules, Page 2-2, Chapter 2, Section 1, Subsection V.**

to Wyo Stat. §35-9-107(a)(iii)(E).

(V) Attend a minimum of eight (8) hours of training annually in hazardous materials or weapons of mass destruction emergency response. Training may include training obtained in satisfaction of continuing education requirements for his or her professional certification. Training may include participation in table top simulations and field exercises involving hazardous materials or weapons of mass destruction emergency response.

<http://soswy.state.wy.us/RULES/6118.pdf>

## **ANNUAL REFRESHER TRAINING REQUIREMENTS**

### **Annual Refresher Training Requirements**

In order to renew within the Wyoming Hazardous Materials Technician program, departments/firefighters must fulfill the following requirements:

1. Copy of candidate's original Hazardous Materials Technician certification from an accredited institution or approved by the WFCC.
2. Individual's shall complete the Training Record/In-House Test examination for annual refresher training.
3. Annual refresher training shall be completed during training sessions, which may include; an exercise, classroom lecture, and classroom demonstrations.
4. Annual refresher training shall not be marked as completed when skills are used during an actual hazardous material call.
5. Annual refresher training shall be completed annually as required by OSHA.

The DFPEs acknowledges the importance of and need for entrance requirements as listed in the NFPA 472, *Standard on Competencies for Hazardous Materials Technician*; NFPA 1582, *Standard on Comprehensive Occupational Medical Program for Fire Departments*; OSHA 1910.120 Hazardous Waste Operations and Emergency Response; and OSHA 1910.134 Respiratory Protection. Many agencies and departments have existing policies, regulations, etc. already in place regarding these requirements. The handling of entrance requirements is a **LOCAL MATTER**, outside the authority and jurisdiction of the DFPEs. The DFPEs will not check, test, evaluate or determine how individual agencies meet these requirements. Some departments have found it necessary to waive any type of entrance requirements due to their own special needs. As a local decision, this is permitted. However, due to the amount of physical, mental and emotional stress inherent in this profession, **the DFPEs strongly recommends careful evaluation before altering or doing away with any existing entrance requirements.**

### **Medical Fitness/Respiratory Requirements**

The requirements listed in NFPA 1582, 2007 edition, OSHA 1910.120 and OSHA 1910.134.

1. Meet the minimum educational requirements established by the Authority Having Jurisdiction.
2. Meet the medical requirements of NFPA 1582, *Comprehensive Occupational Medical Program for Fire Departments*.
3. Physical fitness requirements for entry-level personnel shall be developed and validated by the authority having jurisdiction. Physical fitness requirements shall be in compliance with applicable Equal Employment Opportunity regulations and other legal requirements.

**HAZARDOUS MATERIALS TECHNICIAN**  
**ANNUAL REFRESHER TRAINING**  
**CHECKLIST**

**ENTRANCE REQUIREMENTS:**

- Each candidate has met requirements listed in Hazardous Materials Technician Competency NFPA 472 and those established by the Authority Having Jurisdiction.

**DEPARTMENT TRAINING RECORDS:**

- Each candidate has a training record on file with the department that shows:

- 1- A learning experience in each manipulative skill objective
- 2- Dates of training
- 3- Initials of instructors
- 4- Total number of hours trained in each manipulative skill objective

**DEPARTMENT "IN HOUSE" MANIPULATIVE SKILLS EXAMINATION:**

- Each candidate has successfully completed an "In House" Comprehensive examination.
- Results of exam are documented in department training records.

**ANNUAL REFRESHER TRAINING REQUIREMENT EXAMINATIONS:**

- Each technician has completed the Hazardous Materials Technician Refresher training record and the In-House test examination.

**HAZARDOUS MATERIALS TECHNICIAN REFRESHER TRAINING:**

- OSHA regulations require annual refresher training. In order to comply with these regulations, each AHJ shall track training dates on the Training/In-House Comprehensive Examination record for a time period of two years.
- Refresher Training/ In-House Comprehensive Examination shall be submitted to the DFPES on a 2 year basis. Upon receipt, a Certification of Renewal will be issued.
- The Fire Chief/Head of Department requests refresher certification by using the "Refresher Training" form, Page 35.

## **DEPARTMENT TRAINING**

Hazardous Materials Technician Level training is a basic level of knowledge all firefighters should master. NFPA 1500 strongly suggests all firefighters who could respond to a potential hazardous materials spill be certified Operations level as a minimum.

There are different methods a department can use to receive training at the Hazardous Materials Technician Level.

- Hazardous Materials - Technician course sponsored by the Wyoming Department of Fire Prevention & Electrical Safety – Training Division.
- Hazardous Materials – Technician training that is offered by a State recognized Hazardous Materials Technician training organization.
- Department Based Training – Departments can create their own Hazardous Materials - Technician course which meets the requirements as outlined in NFPA 472. Testing will be conducted at the conclusion of the course upon request from the department training officer or administrator.

### **Manipulative Objectives**

Each participant **must** be trained and evaluated in the performance of **all** manipulative skill objectives. Each of the manipulative skill objectives shall be completed swiftly, safely and with competence as defined below:

- **Swiftly** -Each manipulative skill objective must be completed within the allotted time.
- **Safely** -Each manipulative skill objective must be completed safely. Conduct that could injure individual or damage equipment is unacceptable. Equipment should be checked prior to skill testing or training to see that it is safe and functional.
- **Competence** - Each manipulative skill objective is performed in accordance with the Wyoming Standard. This includes performing the proper steps in sequence. Competence will be measured in accordance with the DFPES manipulative skill objectives.

## **Department Training Officers**

It is recommended departments assign **at least two** personnel as training officers to coordinate and provide certification training.

Department training officers shall be state certified at the level they are teaching. In addition, the DFPES strongly recommends training officers be state certified at the Instructor I level.

Department training officers will be responsible for certification training. Their primary responsibility will be to teach, evaluate, and in-house test department personnel on the manipulative skills requirements for each level of certification training.

Departments who do not have certified personnel to act as training officers for certification training should contact the DFPES-Certification Coordinator at (307) 777-7288 for assistance in setting up and monitoring certification training.

## **Department Training Records**

Each participant shall have a training record on file with the department, which indicates whether he/she has trained on all manipulative skills objectives. This record shall be signed off or initialed by a department training officer. Training records must indicate the date, instructor, and total number of hours trained for each manipulative skill objective. Departments may use the DFPES training record form provided.

## Tester Instructions for “In-House” Comprehensive Examination

As the training officers for your department you are authorized by DFPEs to conduct the 100% skills test for this level of certification. You must be certified to the level that you are testing, i.e., if you’re FF2 you can test FF1 and FF2, Hazardous Material Operations and Hazardous Materials Technician refresher training.

### **\*PRIOR TO CONDUCTING TEST, REVIEW TRAINING RECORDS**

It is important that before doing this “In-House” exam that the candidate has completed training in all areas for the level being tested. **\*SAFETY OFFICER SELECTED AND BRIEFED**

Select a Safety Officer to assist you during the test. This person, if possible, should not be taking the same test that is being given. The Safety Officer will not assist with the testing process. The Safety Officer is there to protect the CANDIDATES from injury during the testing process. . The Safety Officer shall be in a position to observe all students and ensure their safety at all times during the testing procedure.

By using the following instructions you will be able to evaluate the skill being tested and determine the candidate’s readiness for the State Exam.

1. Keep in mind this is a **test** and there should be **no coaching or training** during the testing process. If a candidate fails to perform a skill, it will count as a first attempt failure and they will be given a second attempt. If they fail a second time they need to be retrained on that skill and tested again. Only **qualified** candidates that have passed with **100%** should be allowed to take the In-House Exam.
2. Before beginning the testing process meet with all candidates and review the testing process. Explain that this is a **test** and that the same process being used for the “In-House” will be used during the state exam.
3. Designate a secure location for the candidates to remain in while the “In-House” exam is conducted. This location should be away from the area where the exam is being conducted.
4. If possible, separate your testing stations so candidates cannot observe each other during the test.
5. To evaluate a candidate’s performance, use the following as a guide.
  - a. the skill is completed in the allotted time,
  - b. competence is shown by completing all performance criteria,
  - c. safety is shown while completing the skill.
6. At each test station the tester will read the **SKILL** to be demonstrated, the **CONDITIONS** to be met and the **TIME** limit to complete each skill. This information is contained in the skill section of each standards packet. Do this with each student as they come to each testing station. Ask for any questions. As each skill is tested and completed, sign it off in the section provided on the candidates training record. By conducting the “In-House” test in this manner, you will prepare your candidates to successfully pass the state “spot check” exam. This will also assure training records are current and only those who are truly prepared take the state certification examination.

**HAZARDOUS MATERIALS TECHNICIAN**  
**ANNUAL REFRESHER TRAINING**  
**REQUIREMENTS**

When all requirements for Annual refresher training have been met, Hazardous Materials Technicians are eligible to earn a renewal certificate. The Fire Chief/Head of Department may apply to DFPES for renewal certificate for those Hazardous Materials Technicians who have successfully completed the annual training/in-house testing process. Request for a state renewal certificate will be submitted to the DFPES using the "Hazardous Materials Annual Refresher Certification form located in the back of the manual.

- OSHA regulations require annual refresher training. In order to comply with these regulations, each AHJ shall track training dates on the Training/In-House Comprehensive Examination record for a time period of two years.
- Refresher Training/ In-House Comprehensive Examination shall be submitted to the DFPES on a 2 year basis. Upon receipt, a Certification of Renewal will be issued.
- The Fire Chief/Head of Department requests refresher certification by using the "Refresher Training" form, Page 35.

Those applicants who have met the requirements are issued a renewal certificate. These are sent to the Fire Chief/Head of Department for disbursement.

**Prerequisites for Annual Refresher Training:**

Applicants for Annual refresher training at the Technician level must be State certified through the Department of Fire Prevention and Electrical Safety (DFPES) Certification system at the Hazardous Materials Technician level.

For more information on Wyoming Hazardous Materials Technician Annual refresher training contact the:

DFPES Certification Coordinator  
Herschler Building 1 West  
122 W. 25<sup>th</sup> Street  
Cheyenne, WY 82002  
307-777-7288  
<http://wyofire.state.wy.us>

**TECHNICIAN MANIPULATIVE SKILL OBJECTIVES**  
**SURVEYING THE HAZARDOUS MATERIALS INCIDENT**

**NFPA 472, 7.1.2.2(1), 7.2.1.4 & A.7.2.1.4 (1-5)**

**Skill 1: Identify labels for radioactive materials.**

**CONDITION:** Given a label for radioactive material, (White 1, Yellow II, Yellow III, Empty, Fissile) identify:

**TIME:** 5:00 minutes

**APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:**

	<u>1<sup>st</sup> Att.</u>	<u>2<sup>nd</sup> Att.</u>
	Y N	Y N
1. Type or category of label.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
2. Contents.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
3. Activity.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
4. Transport index.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
5. Criticality safety index as applicable.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
6. Describe the radiation dose rates associated with each label.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>

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**PERFORMANCE RATING ON THIS SKILL:**

	<u>PASS</u>	<u>FAIL</u>
First Attempt	<input type="checkbox"/>	<input type="checkbox"/>
Second Attempt	<input type="checkbox"/>	<input type="checkbox"/>

**NFPA 472, 7.1.2.2(1), 7.2.1.5**

**Skill 2: Demonstrate collecting samples.**

**CONDITION:** Given a scenario, personal protective clothing and sampling equipment demonstrate collecting samples.

**TIME:** 5:00 minutes

**APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:**

	<u>1<sup>st</sup> Att.</u>	<u>2<sup>nd</sup> Att.</u>
	Y N	Y N
1. Select appropriate level of protective clothing.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
2. Don appropriate protective clothing.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
3. Select appropriate equipment.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
4. Collect sample.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
5. Take appropriate steps to avoid contamination.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>

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**PERFORMANCE RATING ON THIS SKILL:**

	<u>PASS</u>	<u>FAIL</u>
First Attempt	<input type="checkbox"/>	<input type="checkbox"/>
Second Attempt	<input type="checkbox"/>	<input type="checkbox"/>

**NFPA 472, 7.1.2.2(1), 7.2.1.3.5, 7.2.1.3.6**

**Skill 3:** Given three hazardous materials, one of which is a solid, one a liquid and one a gas, and the following monitoring equipment, test strips and reagents, select the appropriate equipment and demonstrate the proper techniques to identify and quantify the materials:

**A. Carbon monoxide meter.**

**CONDITION:** Given incident information, a sample with an unknown concentration of CO, a calibrated meter with instruction manual and appropriate PPE.

**TIME:** 5:00 minutes from ready time of meter.

**APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:**

	<u>1<sup>st</sup> Att.</u>	<u>2<sup>nd</sup> Att.</u>
	Y N	Y N
1. Field-test meter.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
2. Test sample.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
3. Determine and record results.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>

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<b>PERFORMANCE RATING ON THIS SKILL:</b>	<u>PASS</u>	<u>FAIL</u>
First Attempt	<input type="checkbox"/>	<input type="checkbox"/>
Second Attempt	<input type="checkbox"/>	<input type="checkbox"/>

**NFPA 472, 7.1.2.2(1), 7.2.1.3.5, 7.2.1.3.6**

**B. Colormetric tubes.**

**CONDITION:** Given incident information, a sample of a substance, colormetric tubes and pump and appropriate PPE.

**TIME:** 10:00 minutes.

**APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:**

	<u>1<sup>st</sup> Att.</u>	<u>2<sup>nd</sup> Att.</u>
	Y N	Y N
1. Select appropriate tube for suspected substance.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
2. Following manufacturers instructions, properly prepare tube and pump for sampling.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
3. Draw sample.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
4. Determine and record results.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>

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<b>PERFORMANCE RATING ON THIS SKILL:</b>	<u>PASS</u>	<u>FAIL</u>
First Attempt	<input type="checkbox"/>	<input type="checkbox"/>
Second Attempt	<input type="checkbox"/>	<input type="checkbox"/>

**NFPA 472, 7.1.2.2(1), 7.2.1.3.5, 7.2.1.3.6****C. Combustible gas indicator (CGI).**

**CONDITION:** Given incident information, a sample with an unknown concentration of flammable gas or vapor, a calibrated C.G.I. with instruction manual and appropriate PPE.

**TIME:** 5:00 minutes from ready time of meter.

**APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:**

	<u>1<sup>st</sup> Att.</u>	<u>2<sup>nd</sup> Att.</u>
	Y N	Y N
1. Field-test meter.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
2. Test sample.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
3. Determine and record results.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>

**PERFORMANCE RATING ON THIS SKILL:**

	<u>PASS</u>	<u>FAIL</u>
First Attempt	<input type="checkbox"/>	<input type="checkbox"/>
Second Attempt	<input type="checkbox"/>	<input type="checkbox"/>

**NFPA 472, 7.1.2.2(1), 7.2.1.3.5, 7.2.1.3.6****D. Oxygen meter.**

**CONDITION:** Given incident information, a sample with an unknown concentration of oxygen, a calibrated oxygen meter with instruction manual and appropriate PPE.

**TIME:** 5:00 minutes from ready time of meter.

**APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:**

	<u>1<sup>st</sup> Att.</u>	<u>2<sup>nd</sup> Att.</u>
	Y N	Y N
1. Field-test meter.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
2. Test sample.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
3. Determine and record results.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>

**PERFORMANCE RATING ON THIS SKILL:**

	<u>PASS</u>	<u>FAIL</u>
First Attempt	<input type="checkbox"/>	<input type="checkbox"/>
Second Attempt	<input type="checkbox"/>	<input type="checkbox"/>

**NFPA 472, 7.1.2.2(1), 7.2.1.3.5, 7.2.1.3.6**

**E. PH indicators and / or pH meters.**

**CONDITION:** Given incident information, a sample of an unknown substance, a pH meter and/or indicator strips and appropriate PPE.

**TIME:** 5:00 minutes (from ready time if meter is used).

**APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:**

	<u>1<sup>st</sup> Att.</u>	<u>2<sup>nd</sup> Att.</u>
	Y N	Y N
1. Select a measuring device.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
2. Prepare device for sampling.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
3. Test sample.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
4. Determine and record results.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>

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**PERFORMANCE RATING ON THIS SKILL:**

	<u>PASS</u>	<u>FAIL</u>
First Attempt	<input type="checkbox"/>	<input type="checkbox"/>
Second Attempt	<input type="checkbox"/>	<input type="checkbox"/>

**NFPA 472, 7.1.2.2(1), 7.2.1.3.5, 7.2.1.3.6**

**F. Radiation detection instruments.**

**CONDITION:** Given incident information, a sample of a suspected radioactive source, a calibrated Radiation survey meter with instruction manual and appropriate PPE.

**TIME:** 5:00 minutes from ready time of meter.

**APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:**

	<u>1<sup>st</sup> Att.</u>	<u>2<sup>nd</sup> Att.</u>
	Y N	Y N
1. Test sample.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
2. Determine and record results.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>

---

**PERFORMANCE RATING ON THIS SKILL:**

	<u>PASS</u>	<u>FAIL</u>
First Attempt	<input type="checkbox"/>	<input type="checkbox"/>
Second Attempt	<input type="checkbox"/>	<input type="checkbox"/>

**NFPA 472, 7.1.2.2(1), 7.2.1.3.5, 7.2.1.3.6****G. Reagents.**

**CONDITION:** Given incident information, an unidentified chemical sample, a chemical classification kit and appropriate PPE.

**TIME:** 10:00 minutes.

**APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:**

	<u>1<sup>st</sup> Att.</u>	<u>2<sup>nd</sup> Att.</u>
	Y N	Y N
1. Safely handle sample.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
2. Conduct tests in conformance with ID kit directions.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
3. Correctly classify chemical or chemical family.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>

**PERFORMANCE RATING ON THIS SKILL:**

	<u>PASS</u>	<u>FAIL</u>
First Attempt	<input type="checkbox"/>	<input type="checkbox"/>
Second Attempt	<input type="checkbox"/>	<input type="checkbox"/>

**NFPA 472, 7.1.2.2(1), 7.2.1.3.5, 7.2.1.3.6****H. Test strips.**

**CONDITION:** Given incident information, a sample of an unknown substance, test strips, (Example: water finder, M8 or M9), and appropriate PPE.

**TIME:** 3:00 minutes.

**APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:**

	<u>1<sup>st</sup> Att.</u>	<u>2<sup>nd</sup> Att.</u>
	Y N	Y N
1. Select an indicator strip.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
2. Prepare strip for sampling.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
3. Test sample.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
4. Determine and record results.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>

**PERFORMANCE RATING ON THIS SKILL:**

	<u>PASS</u>	<u>FAIL</u>
First Attempt	<input type="checkbox"/>	<input type="checkbox"/>
Second Attempt	<input type="checkbox"/>	<input type="checkbox"/>

**NFPA 472, 7.1.2.2(1), 7.2.1.3.5, 7.2.1.3.6**

**I. Passive dosimeters.**

**CONDITION:** Given incident information, detect and measure concentration of chemical.  
(Specific dosimeter for e.g., organic vapors, mercury, ethylene oxide, ect.)

- **Equipment as provided by AHJ.**

**TIME:** 3:00 minutes

**APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:**

	<u>1<sup>st</sup> Att.</u>	<u>2<sup>nd</sup> Att.</u>
	Y N	Y N
1. Select measuring device.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
2. Measure concentrations.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
3. Determine and record results.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>

<b>PERFORMANCE RATING ON THIS SKILL:</b>	<u>PASS</u>	<u>FAIL</u>
First Attempt	<input type="checkbox"/>	<input type="checkbox"/>
Second Attempt	<input type="checkbox"/>	<input type="checkbox"/>

**NFPA 472, 7.1.2.2(1), 7.2.1.3.5, 7.2.1.3.6**

**J. WMD detectors (chemical & biological).**

**CONDITION:** Given incident information, detect and measure chemical or biological agent.

**TIME:** 3:00 minutes

- **Equipment as provided by AHJ.**

**APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:**

	<u>1<sup>st</sup> Att.</u>	<u>2<sup>nd</sup> Att.</u>
	Y N	Y N
1. Select measuring device.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
2. Measure concentrations.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
3. Determine and record results.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>

<b>PERFORMANCE RATING ON THIS SKILL:</b>	<u>PASS</u>	<u>FAIL</u>
First Attempt	<input type="checkbox"/>	<input type="checkbox"/>
Second Attempt	<input type="checkbox"/>	<input type="checkbox"/>

**NFPA 472, 7.1.2.2(1), 7.2.1.3.5, 7.2.1.3.6**

**K. Photo ionization and Flame ionization detectors.**

**CONDITION:** Given incident information, detect and measure for chemical agents.

- **Equipment as provided by AHJ.**

**TIME:** 3:00 minutes

**APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:**

	<u>1<sup>st</sup> Att.</u>	<u>2<sup>nd</sup> Att.</u>
	Y N	Y N
1. Select measuring device.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
2. Measure concentrations.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
3. Determine and record results.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>

<b>PERFORMANCE RATING ON THIS SKILL:</b>	<u>PASS</u>	<u>FAIL</u>
First Attempt	<input type="checkbox"/>	<input type="checkbox"/>
Second Attempt	<input type="checkbox"/>	<input type="checkbox"/>

**NFPA 472, 7.1.2.2 (a), 7.2.1.3.6**

**Skill 4: Demonstrate field maintenance and testing procedures for monitoring equipment.**

**CONDITION:** Given a monitoring device (Carbon monoxide, CGI or Oxygen) and instruction manual.

**TIME:** 25:00 Minutes.

**APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:**

	<u>1<sup>st</sup> Att.</u>	<u>2<sup>nd</sup> Att.</u>
	Y N	Y N
1. Handle in safe manner.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
2. Follow manufacturer instructions:	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
Clean and purge.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
Field test.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
Field calibrate.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
3. Check and verbalize expiration date.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
4. Demonstrate proper storage.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>

<b>PERFORMANCE RATING ON THIS SKILL:</b>	<u>PASS</u>	<u>FAIL</u>
First Attempt	<input type="checkbox"/>	<input type="checkbox"/>
Second Attempt	<input type="checkbox"/>	<input type="checkbox"/>

**IMPLEMENTING THE PLANNED RESPONSE**

**NFPA 472, 7.1.2.2(2d), 7.4.5(3) & A 3.3.17.3.3**

**Skill 5: Demonstrate the setting up of a multiple station decontamination corridor. (See appendix C)**

**CONDITION:** Given an assignment, decon equipment, incident information and a 2-person team.

**TIME:** 30:00 Minutes.

**APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:**

	<b><u>1<sup>st</sup> Att.</u></b>	<b><u>2<sup>nd</sup> Att.</u></b>
	<b>Y N</b>	<b>Y N</b>
1. Select appropriate site; uphill, upwind.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
2. Containment of decon solutions and runoff water.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
3. Clearly marked entry point.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
4. Tool drop.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
5. Wash station, (may be multiple).	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
6. Rinse station, (may be multiple).	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
7. SCBA drop/Bottle change.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
8. PPE drop station.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
9. Clearly marked exit point.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>

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**PERFORMANCE RATING ON THIS SKILL:**

	<b><u>PASS</u></b>	<b><u>FAIL</u></b>
First Attempt	<input type="checkbox"/>	<input type="checkbox"/>
Second Attempt	<input type="checkbox"/>	<input type="checkbox"/>

**NFPA 472, 7.1.2.2(2d), 7.4.5 (1, 2) & A 3.3.17.4****Skill 6: Demonstrate the decontamination process.**

**CONDITION:** Given a decon corridor and equipment (properly set-up), proper PPE (firefighter turnouts as minimum), a 2-person team and a scenario for a technical decontamination situation involving ambulatory and non ambulatory victims, or in support of an entry team.

**TIME:** 30:00 minutes.

**APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:**

	<u>1<sup>st</sup> Att.</u>	<u>2<sup>nd</sup> Att.</u>
	<b>Y N</b>	<b>Y N</b>
1. Determine appropriate type of decon.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
2. Determine appropriate PPE for responders.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
3. Establish communication with person to be decontaminated.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
4. Use proper method to decontaminate person.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
5. Contain and prevent spread of contamination.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
6. Determine effectiveness of decontamination process with wipe samples or meters or lab test.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
7. Properly remove PPE (if needed).	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>

**PERFORMANCE RATING ON THIS SKILL:**

	<u>PASS</u>	<u>FAIL</u>
First Attempt	<input type="checkbox"/>	<input type="checkbox"/>
Second Attempt	<input type="checkbox"/>	<input type="checkbox"/>

**USING PROTECTIVE CLOTHING**

**NFPA 472, 7.1.2.2(3b), 7.4.2(3) 7.3.3.4.5, 7.3.3.4.6**

**Skill 7: Identify and demonstrate Assist/Donning, working in, and doffing chemical protective clothing for Level “A” and “B” Personnel Protective Equipment.**

**CONDITION:** Given a 2-member team, identify proper protective clothing, Level “A” or “B” PPE, chemical information and chemical resistance chart and a specific Hot zone task.

**TIME:** 30:00 minutes.

**APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:**

	<b><u>1<sup>st</sup> Att.</u></b>	<b><u>2<sup>nd</sup> Att.</u></b>
	<b>Y N</b>	<b>Y N</b>
<b><u>Skills for person Donning Level “A” or “B” suit.</u></b>		
1. Inspect equipment prior to donning.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
2. Adjust equipment as needed.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
3. Don CP suit.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
4. Don boots.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
5. Don SCBA.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
6. Don face piece.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
7. Check face seal.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
8. Don inner gloves.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
9. Don outer gloves.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
10. Don head protection.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
<b><u>Skills for person assisting in Donning of Level “A” or “B” suit.</u></b>		
1. Assist donning suit.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
2. Assist donning boots.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
3. Correctly tape* hood of PPE to SCBA face piece (if required).	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
4. Assist donning SCBA.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
5. Connect supply hose to SCBA regulator.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
6. Tape* front of suit (if required).	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
7. Assist donning inner gloves.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
8. Assist donning outer gloves.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
9. Tab all ends of tape* (2” minimum).	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
10. Determine the protective clothing construction materials using chemical compatibility charts. (Verbalize)	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>

**\* Taping not required for encapsulating splash suits unless gloves and/or boots are not integrated into the suit.**

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<b>PERFORMANCE RATING ON THIS SKILL:</b>	<b><u>PASS</u></b>	<b><u>FAIL</u></b>
First Attempt	<input type="checkbox"/>	<input type="checkbox"/>
Second Attempt	<input type="checkbox"/>	<input type="checkbox"/>

**NFPA 472, 7.1.2.2, 7.3.5.2****Skill 8: Develop a site safety and control plan.**

**CONDITION:** Given a scenario involving a hazardous materials or WMD incident, develop a site safety and control plan as part of an incident action plan.

**TIME:** 25:00 Minutes.

**APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:**

	<u>1<sup>st</sup> Att.</u>	<u>2<sup>nd</sup> Att.</u>
	Y N	Y N
1. List and describe safety considerations.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
2. Identify information for safety briefing.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
3. Identify atmospheric and physical safety hazards.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
4. Identify pre-entry activities to be preformed.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
5. Identify procedures, equipment, safety precautions for and collection legal evidence.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>

**PERFORMANCE RATING ON THIS SKILL:**

	<u>PASS</u>	<u>FAIL</u>
First Attempt	<input type="checkbox"/>	<input type="checkbox"/>
Second Attempt	<input type="checkbox"/>	<input type="checkbox"/>

**NFPA 472, 7.1.2.2, 7.4.3.5****Skill 9: Identify maintenance and inspection procedures.**

**CONDITION:** Given tools and equipment provided for control of a hazardous materials releases, identify maintenance and inspection procedures.

**TIME:** 5:00 minutes

**APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:**

	<u>1<sup>st</sup> Att.</u>	<u>2<sup>nd</sup> Att.</u>
	Y N	Y N
1. Inspect all equipment for damage	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
2. Remove dirt, chemicals, oil or other compounds from protective clothing.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
3. Inspect for damage.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
4. Describe proper cleaning methods (Manufacturer recommended or department SOP).	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
6. Completed skill in allotted time.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>

**PERFORMANCE RATING ON THIS SKILL:**

	<u>PASS</u>	<u>FAIL</u>
First Attempt	<input type="checkbox"/>	<input type="checkbox"/>
Second Attempt	<input type="checkbox"/>	<input type="checkbox"/>

**NFPA 472, 7.1.2.2, 7.6.3(9)**

**Skill 10: Demonstrate the ability to record the use, repair, and testing of chemical-protective clothing according to manufacturer's specifications and recommendations.**

**CONDITION:** Given equipment log, pencil, decontaminated PPE, manufacturer instructions and suit testing equipment.

**TIME:** 5:00 minutes.

**APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:**

	<u>1<sup>st</sup> Att.</u>	<u>2<sup>nd</sup> Att.</u>
	Y N	Y N
1. Inspect PPE.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
2. Record findings, testing and use.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
3. Check for evidence of chemical penetration, permeation of fabric/material or mechanical damage.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
4. Remove from service if PPE is damaged (must verbalize).	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>

**PERFORMANCE RATING ON THIS SKILL:**

	<u>PASS</u>	<u>FAIL</u>
First Attempt	<input type="checkbox"/>	<input type="checkbox"/>
Second Attempt	<input type="checkbox"/>	<input type="checkbox"/>

**PERFORMING CONTROL FUNCTIONS**

**NFPA 472, 7.1.2.2(3), 7.4.3(1)**

**Skill 11: Demonstrate the appropriate method to contain a leak from the following locations:**

**A. Fusible metal of plug.**

**CONDITION:** Given appropriate PPE, a simulated leak in a chlorine or similar vessel, plugging equipment and material, and a 2-person team.

**TIME:** 10:00 minutes.

**APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:**

	<u>1<sup>st</sup> Att.</u>	<u>2<sup>nd</sup> Att.</u>
	Y N	Y N
1. Safely enter area as team.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
2. Identify source and type of leak.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
3. Select appropriate containment material or equipment.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
4. Safely contain leak.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
5. Exit area as team.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>

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**PERFORMANCE RATING ON THIS SKILL:**

	<u>PASS</u>	<u>FAIL</u>
First Attempt	<input type="checkbox"/>	<input type="checkbox"/>
Second Attempt	<input type="checkbox"/>	<input type="checkbox"/>

**NFPA 472, 7.1.2.2(3), 7.4.3(1)****B. Fusible plug threads.**

**CONDITION:** Given appropriate PPE, a simulated leak in a chlorine or similar vessel, plugging equipment and materials, and a 2-person team.

**TIME:** 10:00 minutes.

**APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:**

	<u>1<sup>st</sup> Att.</u>	<u>2<sup>nd</sup> Att.</u>
	<b>Y N</b>	<b>Y N</b>
1. Safely enter area as team.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
2. Identify source and type of leak.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
3. Select appropriate containment material or equipment.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
4. Safely contain leak.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
5. Exit area as team.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>

**PERFORMANCE RATING ON THIS SKILL:**

	<u>PASS</u>	<u>FAIL</u>
First Attempt	<input type="checkbox"/>	<input type="checkbox"/>
Second Attempt	<input type="checkbox"/>	<input type="checkbox"/>

**NFPA 472, 7.1.2.2(3), 7.4.3(1)****C. Side wall of cylinder.**

**CONDITION:** Given appropriate PPE, a simulated leak in a chlorine or similar vessel, plugging and patching equipment and materials, and a 2-person team.

**TIME:** 10:00 minutes.

**APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:**

	<u>1<sup>st</sup> Att.</u>	<u>2<sup>nd</sup> Att.</u>
	<b>Y N</b>	<b>Y N</b>
1. Safely enter area as team.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
2. Identify source and type of leak.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
3. Select appropriate containment material or equipment.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
4. Safely contain leak.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
5. Exit area as team.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>

**PERFORMANCE RATING ON THIS SKILL:**

	<u>PASS</u>	<u>FAIL</u>
First Attempt	<input type="checkbox"/>	<input type="checkbox"/>
Second Attempt	<input type="checkbox"/>	<input type="checkbox"/>

**NFPA 472, 7.1.2.2(3), 7.4.3(1)****D. Valve blowout.**

**CONDITION:** Given appropriate PPE, a simulated leak in a chlorine or similar vessel, plugging equipment and materials, and a 2-person team.

**TIME:** 10:00 minutes.

**APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:**

	<u>1<sup>st</sup> Att.</u>	<u>2<sup>nd</sup> Att.</u>
	<b>Y N</b>	<b>Y N</b>
1. Safely enter area as team.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
2. Identify source and type of leak.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
3. Select appropriate containment material or equipment.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
4. Safely contain leak.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
5. Exit area as team.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>

**PERFORMANCE RATING ON THIS SKILL:**

	<u>PASS</u>	<u>FAIL</u>
First Attempt	<input type="checkbox"/>	<input type="checkbox"/>
Second Attempt	<input type="checkbox"/>	<input type="checkbox"/>

**NFPA 472, 7.1.2.2(3), 7.4.3(1)****E. Valve gland.**

**CONDITION:** Given appropriate PPE, a simulated leak in a chlorine or similar vessel, plugging tools, equipment and materials, and a 2-person team.

**TIME:** 10:00 minutes.

**APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:**

	<u>1<sup>st</sup> Att.</u>	<u>2<sup>nd</sup> Att.</u>
	<b>Y N</b>	<b>Y N</b>
1. Safely enter area as team.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
2. Identify source and type of leak.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
3. Select appropriate containment material or equipment.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
4. Safely contain leak.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
5. Exit area as team.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>

**PERFORMANCE RATING ON THIS SKILL:**

	<u>PASS</u>	<u>FAIL</u>
First Attempt	<input type="checkbox"/>	<input type="checkbox"/>
Second Attempt	<input type="checkbox"/>	<input type="checkbox"/>

**NFPA 472, 7.1.2.2(3), 7.4.3(1)****F. Valve inlet threads.**

**CONDITION:** Given appropriate PPE, a simulated leak in a chlorine or similar vessel, plugging equipment and materials, and a 2-person team.

**TIME:** 10:00 minutes.

**APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:**

	<u>1<sup>st</sup> Att.</u>	<u>2<sup>nd</sup> Att.</u>
	<b>Y N</b>	<b>Y N</b>
1. Safely enter area as team.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
2. Identify source and type of leak.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
3. Select appropriate containment material or equipment.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
4. Safely contain leak.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
5. Exit area as team.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>

**PERFORMANCE RATING ON THIS SKILL:**

	<u>PASS</u>	<u>FAIL</u>
First Attempt	<input type="checkbox"/>	<input type="checkbox"/>
Second Attempt	<input type="checkbox"/>	<input type="checkbox"/>

**NFPA 472, 7.1.2.2(3), 7.4.3(1)****G. Valve seat.**

**CONDITION:** Given appropriate PPE, a simulated leak in a chlorine or similar vessel, plugging equipment and materials, and a 2-person team.

**TIME:** 10:00 minutes.

**APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:**

	<u>1<sup>st</sup> Att.</u>	<u>2<sup>nd</sup> Att.</u>
	<b>Y N</b>	<b>Y N</b>
1. Safely enter area as team.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
2. Identify source and type of leak.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
3. Select appropriate containment material or equipment.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
4. Safely contain leak.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
5. Exit area as team.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>

**PERFORMANCE RATING ON THIS SKILL:**

	<u>PASS</u>	<u>FAIL</u>
First Attempt	<input type="checkbox"/>	<input type="checkbox"/>
Second Attempt	<input type="checkbox"/>	<input type="checkbox"/>

**NFPA 472, 7.1.2.2(3), 7.4.3(1)****H. Valve stem assembly blowout.**

**CONDITION:** Given appropriate PPE, a simulated leak in a chlorine or similar vessel, plugging equipment and materials, tools as necessary, and a 2-person team.

**TIME:** 20:00 minutes.

**APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:**

	<u>1<sup>st</sup> Att.</u>	<u>2<sup>nd</sup> Att.</u>
	Y N	Y N
1. Safely enter area as team.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
2. Identify source and type of leak.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
3. Select appropriate containment material or equipment.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
4. Safely contain leak.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
5. Exit area as team.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>

**PERFORMANCE RATING ON THIS SKILL:**

	<u>PASS</u>	<u>FAIL</u>
First Attempt	<input type="checkbox"/>	<input type="checkbox"/>
Second Attempt	<input type="checkbox"/>	<input type="checkbox"/>

**NFPA 472, 7.1.2.2(3), 7.4.3(2)**

**Skill 12: Demonstrate the ability to perform the following on the fittings of a pressure container.**

**A. Close valves that are open.**

**CONDITION:** Given appropriate PPE, a simulated leak, tools as necessary, and a 2-person team.

**TIME:** 5:00 minutes.

**APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:**

	<u>1<sup>st</sup> Att.</u>	<u>2<sup>nd</sup> Att.</u>
	Y N	Y N
1. Safely enter area as team.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
2. Identify source and type of leak.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
3. Select appropriate valve to close.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
4. Safely close valve.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
5. Exit area as team.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>

**PERFORMANCE RATING ON THIS SKILL:**

	<u>PASS</u>	<u>FAIL</u>
First Attempt	<input type="checkbox"/>	<input type="checkbox"/>
Second Attempt	<input type="checkbox"/>	<input type="checkbox"/>

**NFPA 472, 7.1.2.2(3), 7.4.3(2)****B. Replace missing plugs.**

**CONDITION:** Given appropriate PPE, a simulated leak, plugging equipment and materials, tools as necessary, and a 2-person team.

**TIME:** 10:00 minutes.

**APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:**

	<u>1<sup>st</sup> Att.</u>	<u>2<sup>nd</sup> Att.</u>
	<b>Y N</b>	<b>Y N</b>
1. Safely enter area as team.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
2. Identify source and type of leak.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
3. Select appropriate containment material or equipment.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
4. Safely contain leak.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
5. Exit area as team.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>

**PERFORMANCE RATING ON THIS SKILL:**

	<u>PASS</u>	<u>FAIL</u>
First Attempt	<input type="checkbox"/>	<input type="checkbox"/>
Second Attempt	<input type="checkbox"/>	<input type="checkbox"/>

**NFPA 472, 7.1.2.2(3), 7.4.3(2)****C. Tighten loose plugs.**

**CONDITION:** Given appropriate PPE, a simulated leak, tools as necessary, and a 2-person team.

**TIME:** 5:00 minutes.

**APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:**

	<u>1<sup>st</sup> Att.</u>	<u>2<sup>nd</sup> Att.</u>
	<b>Y N</b>	<b>Y N</b>
1. Safely enter area as team.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
2. Identify source and type of leak.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
3. Tighten loose plug(s).	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
4. Safely contain leak.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
5. Exit area as team.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>

**PERFORMANCE RATING ON THIS SKILL:**

	<u>PASS</u>	<u>FAIL</u>
First Attempt	<input type="checkbox"/>	<input type="checkbox"/>
Second Attempt	<input type="checkbox"/>	<input type="checkbox"/>

**NFPA 472, 7.1.2.2(3), 7.4.3(3)****Skill 13: Demonstrate the ability to contain the following type of leaks in 55-gal drum:****A. Bung leak.****CONDITION:** Given a 55-gal. drum, appropriate PPE, a simulated leak of a known material, appropriate tools and a 2-person team.**TIME:** 10:00 minutes.**APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:**

	<u>1<sup>st</sup> Att.</u>	<u>2<sup>nd</sup> Att.</u>
	Y N	Y N
1. Safely enter area as team.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
2. Tighten bung and stop the leak.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
3. Exit area as team.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>

**PERFORMANCE RATING ON THIS SKILL:**

	<u>PASS</u>	<u>FAIL</u>
First Attempt	<input type="checkbox"/>	<input type="checkbox"/>
Second Attempt	<input type="checkbox"/>	<input type="checkbox"/>

**NFPA 472, 7.1.2.2(3), 7.4.3(3)****B. Chime leak.****CONDITION:** Given a 55-gal. drum, appropriate PPE, a simulated leak of a known material, plugging equipment and materials, and a 2-person team.**TIME:** 15:00 minutes.**APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:**

	<u>1<sup>st</sup> Att.</u>	<u>2<sup>nd</sup> Att.</u>
	Y N	Y N
1. Safely enter area as team.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
2. Identify source and type of leak.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
3. Safely contain leak.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
4. Exit area as team.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>

**PERFORMANCE RATING ON THIS SKILL:**

	<u>PASS</u>	<u>FAIL</u>
First Attempt	<input type="checkbox"/>	<input type="checkbox"/>
Second Attempt	<input type="checkbox"/>	<input type="checkbox"/>

**NFPA 472, 7.1.2.2(3), 7.4.3(3)****C. Forklift puncture.**

**CONDITION:** Given a 55-gal. drum, appropriate PPE, a simulated leak of a known material, patching equipment and materials, and a 2-person team.

**TIME:** 15:00 minutes.

**APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:**

	<u>1<sup>st</sup> Att.</u>	<u>2<sup>nd</sup> Att.</u>
	Y N	Y N
1. Safely enter area as team.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
2. Identify source and type of leak.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
3. Safely contain leak.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
4. Exit area as team.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>

**PERFORMANCE RATING ON THIS SKILL:**

	<u>PASS</u>	<u>FAIL</u>
First Attempt	<input type="checkbox"/>	<input type="checkbox"/>
Second Attempt	<input type="checkbox"/>	<input type="checkbox"/>

**NFPA 472, 7.1.2.2(3), 7.4.3(3)****D. Nail puncture.**

**CONDITION:** Given a 55-gal. drum of a known material, appropriate PPE, plugging and/or patching material, and a 2-person team.

**TIME:** 5:00 minutes.

**APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:**

	<u>1<sup>st</sup> Att.</u>	<u>2<sup>nd</sup> Att.</u>
	Y N	Y N
1. Safely enter area as team.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
2. Identify source and type of leak.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
3. Safely contain leak.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
4. Exit area as team.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>

**PERFORMANCE RATING ON THIS SKILL:**

	<u>PASS</u>	<u>FAIL</u>
First Attempt	<input type="checkbox"/>	<input type="checkbox"/>
Second Attempt	<input type="checkbox"/>	<input type="checkbox"/>

**NFPA 472, 7.1.2.2(3), 7.4.3(4)**

**Skill 14:** Demonstrate the ability to place a 55-gal. drum into the overpack drum using the following methods:

**A. Rolling slide-in method.**

**CONDITION:** Given scenario involving a 55-gal. drum (half empty), appropriate PPE, overpack drum, and a 2-person team.

**TIME:** 10:00 minutes.

**APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:**

	<u>1<sup>st</sup> Att.</u>	<u>2<sup>nd</sup> Att.</u>
	Y N	Y N
1. Safely enter area as team.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
2. Use correct techniques to move drum into overpack drum.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
3. Standup overpack drum and secure lid.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
4. Exit area as team.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>

**PERFORMANCE RATING ON THIS SKILL:**

	<u>PASS</u>	<u>FAIL</u>
First Attempt	<input type="checkbox"/>	<input type="checkbox"/>
Second Attempt	<input type="checkbox"/>	<input type="checkbox"/>

**NFPA 472, 7.1.2.2(3), 7.4.3(4)****B. Slide-in method.**

**CONDITION:** Given a scenario involving a 55-gal. drum (half empty), appropriate PPE, overpack drum, and a 2-person team.

**TIME:** 10:00 minutes.

**APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:**

	<u>1<sup>st</sup> Att.</u>	<u>2<sup>nd</sup> Att.</u>
	Y N	Y N
1. Safely enter area as team.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
2. Use correct techniques to move drum into overpack drum.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
3. Standup overpack drum and secure lid.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
4. Exit area as team.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>

**PERFORMANCE RATING ON THIS SKILL:**

	<u>PASS</u>	<u>FAIL</u>
First Attempt	<input type="checkbox"/>	<input type="checkbox"/>
Second Attempt	<input type="checkbox"/>	<input type="checkbox"/>

**NFPA 472, 7.1.2.2(3), 7.4.3(4)****C. Slip-over method.**

**CONDITION:** Given a scenario involving a 55-gal. drum (half empty), appropriate PPE, overpack drum, and a 2-person team.

**TIME:** 5:00 minutes.

**APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:**

	<u>1<sup>st</sup> Att.</u>	<u>2<sup>nd</sup> Att.</u>
	Y N	Y N
1. Safely enter area as team.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
2. Use correct techniques to move drum into overpack drum.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
3. Standup overpack drum and secure lid.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
4. Exit area as team.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>

**PERFORMANCE RATING ON THIS SKILL:**

	<u>PASS</u>	<u>FAIL</u>
First Attempt	<input type="checkbox"/>	<input type="checkbox"/>
Second Attempt	<input type="checkbox"/>	<input type="checkbox"/>

**NFPA 472, 7.1.2.2(3), 7.4.3(8)**

**Skill 15: Demonstrate the ability to install a dome cover clamp on an MC-306/DOT-406 cargo tank:**

**CONDITION:** Given an MC-306/DOT-406 dome, dome cover clamp, appropriate PPE, tools as necessary.

**TIME:** 5:00 minutes.

**APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:**

	<u>1<sup>st</sup> Att.</u>	<u>2<sup>nd</sup> Att.</u>
	Y N	Y N
1. Safely enter area as team.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
2. Gain access to dome area.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
3. Safely and properly install clamp on dome cover.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
4. Exit area as team.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>

**PERFORMANCE RATING ON THIS SKILL:**

	<u>PASS</u>	<u>FAIL</u>
First Attempt	<input type="checkbox"/>	<input type="checkbox"/>
Second Attempt	<input type="checkbox"/>	<input type="checkbox"/>

**REPORTS AND DOCUMENTATION**

**NFPA 472, 7.1.2.2, 7.6.3(2)**

**Skill 16: Demonstrate the proper completion of required reports, (LERP or SOP).**

**CONDITION:** Given incident records (personnel exposure records, debriefing records, critique records, activity log, and exposure records), proper report forms, pencil or computer.

**TIME:** 30:00 minutes.

**APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:**

	<b><u>1<sup>st</sup> Att.</u></b>	<b><u>2<sup>nd</sup> Att.</u></b>
	<b>Y N</b>	<b>Y N</b>
1. Date, incident location, personnel involved are listed.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
2. Correct information is listed in appropriate locations on report forms.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
3. Proper grammar and spelling use for narrative portions of reports.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>

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**PERFORMANCE RATING ON THIS SKILL:**

	<b><u>PASS</u></b>	<b><u>FAIL</u></b>
First Attempt	<input type="checkbox"/>	<input type="checkbox"/>
Second Attempt	<input type="checkbox"/>	<input type="checkbox"/>

**HAZARDOUS MATERIALS FIRST RESPONDER - TECHNICIAN  
TRAINING/ IN-HOUSE COMPREHENSIVE EXAM**

NAME: \_\_\_\_\_ SSN: \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ DEPARTMENT: \_\_\_\_\_

SECTION	TRAINING RECORD			IN-HOUSE COMP. EXAM			MANIPULATIVE SKILL-DEMONSTRATE
	DATE	INST.	HR'S	DATE	INST.	P/F	
<b>Surveying the Hazardous Materials Incident</b>							1. Identify labels for radioactive materials.
							2. Demonstrate collecting samples.
							3. Given 3 hazardous materials, one solid, one liquid, & one gas, & the following monitoring equipment, test strips & reagents, select the appropriate equipment & demonstrate proper techniques to identify & quantify the materials:
							3a. Carbon monoxide meter.
							3b. Colorimetric tubes.
							3c. Combustible gas indicator (CGI).
							3d. Oxygen meter.
							3e. pH indicators and/or pH meter.
							3f. Radiation detection instruments.
							3g. Reagents.
							3h. Test strips. (add 4 equipment skills)
							3i. passive dosimeters
							3j. WMD chemical and biological detectors.
							3k. ionization and flame detectors.
							3l. equipment provided by AHJ.
							4. Demonstrate field maintenance and testing procedures for monitoring equipment.

SECTION	TRAINING RECORD			IN-HOUSE COMP. EXAM			MANIPULATIVE SKILL-DEMONSTRATE
	DATE	INST.	HR'S	DATE	INST.	P/F	
Implementing the Planned Response Clothing							5. Demonstrate the setting up of a multiple station decontamination corridor.
							6. Demonstrate the decontamination process.
Using Protective Clothing							7. Identify and demonstrate Assist/Donning, working in, and doffing protective clothing for level "A" and "B" PPE.
							8. Develop a site safety and control plan.
							9. Identify maintenance and inspection procedures.
							10. Demonstrate the ability to record the use, repair, and testing of chemical-protective clothing.
Performing Control Functions							11. Demonstrate appropriate method to contain a leak from the following locations:
							11a. Fusible metal of plug.
							11b. Fusible plug threads.
							11c. Side wall of cylinder.
							11d. Valve blowout.
							11e. Valve gland.
							11f. Valve inlet threads.
							11g. Valve seat.
							11h. Valve stem assembly blowout.

SECTION	TRAINING RECORD			IN-HOUSE COMP. EXAM			MANIPULATIVE SKILL-DEMONSTRATE
	DATE	INST.	HR'S	DATE	INST.	P/F	
<b>Performing Control Functions</b>							12. Demonstrate the ability to perform the following on the fittings of a pressure container:
							12a. Close valves that are open.
							12b. Replace missing plugs.
							12c. Tighten loose plugs.
							13. Demonstrate the ability to contain the following leaks in a 55 gallon drum.
							13a. Bung leak.
							13b. Chime leak.
							13c. Forklift puncture.
							13d. Nail puncture.
							14. Demonstrate ability to place a 55 gallon drum into the overpack drum using the following methods:
							14a. Rolling slide-in method.
							14b. Slide-in method.
							14c. Slip-over method.
							15. Demonstrate the ability to install a dome cover clamp on an MC-306/DOT-406 cargo tank.
<b>Reports and Documentation</b>							16. Demonstrate the proper completion of required reports (LERP or SOP).

<b>WYOMING HAZARDOUS MATERIALS TECHNICIAN ANNUAL REFRESHER TRAINING FORM</b>
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Name: \_\_\_\_\_

Date: \_\_\_\_\_

Department/Agency/RERT: \_\_\_\_\_

**General Information**

1. Each firefighter is responsible for completing and submitting the required refresher training material to the Department of Fire Prevention and Electrical Safety.
2. Any Annual training material submitted **must include** the required copies of certificates and signatures.
3. Please submit all Annual training material to the address at the bottom of this page.

The following department or agency requests that the Department of Fire Prevention & Electrical Safety certify the individuals listed on this form. **NOTE: The original "Training Record" of the individuals must be sent with this form. Please keep a copy of the "Training Record" for your files.**

Applicants Name

1. \_\_\_\_\_

6. \_\_\_\_\_

2. \_\_\_\_\_

7. \_\_\_\_\_

3. \_\_\_\_\_

8. \_\_\_\_\_

4. \_\_\_\_\_

9. \_\_\_\_\_

5. \_\_\_\_\_

10. \_\_\_\_\_

I hereby verify that the above named candidates have completed the courses listed and have fire investigative duties with the named department/agency:

\_\_\_\_\_  
Signature of Chief or Director\_\_\_\_\_  
Date

Date Received by DFPES Certification Office: \_\_\_\_\_