National Certification Program Study Guide
September 2009

KANSAS FIRE & RESCUE TRAINING INSTITUTE
The University of Kansas

Hazardous Materials - Operations

NFPA 472,

This document is provided at no cost to the user by the Kansas Fire & Rescue Training Institute, the University of Kansas, as a service to the fire fighters of Kansas

Copyright © 2009 by the Kansas Fire & Rescue Training Institute, the University of Kansas

This document is provided by the Kansas Fire & Rescue Training Institute, for use under the following provisions:

1. Duplication is permitted if the document is duplicated in its entirety, including cover, without editorial changes.
2. No other cover sheet or information is attached as part of the document.
3. Duplicated document is distributed free and is not sold as part of another publication.
This page left blank.
Introduction to Hazardous Materials - Operations Certification

Each individual seeking certification within the Kansas Fire & Rescue Training Institute, the University of Kansas, Certification System must submit an application and the appropriate fee to secure entrance into the system. **Candidates are given one year in which to complete the certification process.** Application forms may be downloaded at: http://www.continueing.ku.edu/fire/certification.php.

A list of current fees may be obtained by calling 785-864-4790 or toll free 1-866-804-8841 or may be downloaded from http://www.continueing.ku.edu/fire/certification.php. Purchase orders from cities or organizations will be accepted. Kansas Fire & Rescue Training Institute will not “bill” individuals for the certification fee. Checks or credit cards are accepted from individuals. Upon receipt of the application and fee, the candidate will be scheduled into a specific exam site as requested or the candidate may select an exam site from the schedule on the KUCE website.

Applicants may register for an exam site at the time of application by completing the appropriate block on the application form. Candidates requesting a specific test site should contact the Kansas Fire & Rescue Training Institute at 785-864-4790 or toll free 1-866-804-8841 to confirm that they have a reserved place at the exam.

Certification candidates are given two (2) attempts at each component, written and practical, **within the twelve month certification period.** If the candidate takes either component of the exam twice without passing, the candidate is required to resubmit a certification application form as well as an additional certification fee before being scheduled to retest a third time.

Candidates failing the written exam are responsible for notifying Kansas Fire & Rescue Training Institute of their desire to retest and enroll at the next scheduled exam that has available space or they may come to the Kansas Fire & Rescue Training Institute in Lawrence, Kansas to take a retest. Written exams will **not** be graded at the test site. Candidates may not take the written exam more than once per day.

Candidates are responsible for **all of the skills** required by the NFPA 472, *Standard for Competence of Responders to Hazardous Material/Weapons of Mass Destruction Incidents*, 2008 edition, during the practical exam. An exact list of specific skills is included in the study guide. **Candidates should be prepared to test on any skill listed in the standard.** The intent of this process is to insure that candidates are prepared to test on skills required by the NFPA 472 – 2008 standard.

**Candidates will test two skill sets from the six skill sets listed in this study guide.**

Practical skill exams are graded on a pass/fail basis. Candidates must successfully complete all skill stations at an exam site to receive a passing grade for the practical exam. Each candidate is allowed two (2) attempts at each station.

Candidates failing the practical exam are responsible for notifying Kansas Fire & Rescue Training Institute of their desire to retest by preregistering for another regularly scheduled exam. Candidates may not take the practical exam more than once per exam day.

**An official picture ID (e.g., driver’s license, military ID, etc.) must be shown for admittance to written and practical exams.**
Certification Examination Instructions
HazMat - Operations
NFPA 472 – 2008

Prerequisites:
Candidates seeking certification for HazMat – Operations within the Kansas Fire & Rescue Training Institute (KFRTI), the University of Kansas, must meet the following:


2. Verification of the following requirements by the Fire Chief (or designated representative) or employer. For those candidates enrolled in Kansas Community College Hazardous Materials Programs, this verification will be executed by the professor or chief instructor. Verification of these requirements will be executed with the completion of the HazMat – Operations Local Verification Form found at the end of this Study Guide (page 16).

   • Proof of mask fit testing to the SCBA mask (model & size) used in the certification test.
   • Ability to perform technical decontamination of personnel and equipment in accordance with department policies and procedures using department facilities and other ancillary equipment.


4. Candidate must be previously nationally certified NFPA 472 HazMat – Awareness.

5. Successful completion of all parts of the HazMat – Operations certification exam will result in national certification in HazMat – Operations.

Part I - Written Examination:

1. Candidates are required to score a minimum of 70%.

2. The certification exam contains fifty (50) true/false and multiple choice questions covering HazMat – Operations level knowledge requirements as stated in NFPA 472-2008. The candidate will be allowed one (1) hour to complete this portion of the exam.
Part II - Practical Skills Examination:


1. Candidates will be required to score 100% on all evaluated skills, which are graded on a Pass/Fail basis.

2. The skills evaluation forms are available as part of this study guide.

References & Textbooks:


SAMPLE HazMat Tactical Worksheet

A SAMPLE HazMat Tactical Worksheet is provided at Page 15 for the candidate’s reference. This is the tactical worksheet that will be used during certification testing.

The actual tactical worksheets used during certification testing are larger, 11” x 17”, to better allow information to be entered by the candidate. The worksheets used during certification testing will be provided to the candidate at the site.
Certification Flow Chart for HazMat – Operations

1. Decide to seek National Certification
2. Attend an appropriate class
3. Submit certification application and fee to KF&RTI
4. Request test site from KF&RTI
5. Take written & practical exams
6. Pass all parts?
   - Yes: Receive certificate in 10 to 20 working days
   - No: Notified by KF&RTI in 10 to 20 working days
7. Retest
   - Pass all parts?
     - Yes: Receive certificate in 10 to 20 working days
     - No: Notified by KF&RTI in 10 to 20 working days
HazMat – Operations Written Exam Study Guidesheet


The reading and study references listed below represent published references from which certification exam questions are taken.

<table>
<thead>
<tr>
<th>Section Subject &amp; NFPA Objective Number</th>
<th>Reading/Study Reference</th>
</tr>
</thead>
</table>
| Analyze a Hazardous Materials/WMD Incident; Plan an Initial Response; Implement the Planned Response; and Evaluate Progress. 5.1.1 | IFSTA pp. 11 – 17, 272 – 273, 280, 291 – 293, 348 – 349  
DOT pp. 1, 6. |
DOT pp. 1 – 5, 7, 14 – 25. |
| Predicting the Likely Behavior of a Material and its Container 5.2.3 | IFSTA pp. 66, 68 – 71, 73 – 85, 255 – 266, 397 – 438, 447 – 496  
DOT pp. 14 – 23, 293 – 294, |
| Estimating Potential Harm 5.2.4 | IFSTA pp. 69 – 70, 219 – 221, 258 – 265, 288 – 290, 386 – 389  
DOT pp. 293 – 299. |
| Describing Response Objectives. 5.3.1 | IFSTA pp. 266 – 268, 279, 286 – 290, 535 – 537, 557 – 561 |
| Identifying Action Options. 5.3.2 | IFSTA pp. 268 – 270, 279, 291 – 306, 397 – 438  
DOT pp. 296, 350 – 351. |
| Determining Suitability of Personal Protective Equipment. 5.3.3 | IFSTA pp. 325 – 334, 340 – 343, 348 – 354  
DOT pp. 348 – 349. |
Identifying Decontamination Issues.
5.3.4 IFSTA pp. 371 – 393, 498 – 508

DOT pp. 355.

Establishing and Enforcing Scene Control Procedures.

Preserving Evidence.
5.4.2 IFSTA pp. 393, 498 – 508

Initiating the Incident Management System.
5.4.3 IFSTA pp. 228 – 241, 244 – 247, 270 – 271, 319

Using Personal Protective Equipment.

DOT pp. 348 – 349.

Evaluating the Status of Planned Response.
5.5.1 IFSTA pp. 268 – 269, 273.

Communicating the Status of the Planned Response.
5.5.2 IFSTA pp. 241 – 244.

Mission-Specific Competencies: Personal Protective Equipment – Planning the Response.

DOT pp. 348 – 349.

Mission-Specific Competencies: Personal Protective Equipment – Implementing the Planned Response.

Mission-Specific Competencies: Product Control – Planning the Response.

DOT pp. 348 – 351.

Mission-Specific Competencies: Product Control – Implementing the Planned Response.

DOT pp. 350 – 351.

Cumulative Reading Pages:


HazMat – Operations Practical Skills Exam Study Guidesheet


The reading and study references listed below represent published references from which certification exam skill sheets are derived.

<table>
<thead>
<tr>
<th>Section Subject &amp; NFPA Objective Number</th>
<th>Referenced Skill Sheets</th>
</tr>
</thead>
<tbody>
<tr>
<td>Implement the Planned Response.</td>
<td></td>
</tr>
<tr>
<td>5.1.2 Establish &amp; enforce control procedures.</td>
<td>KFRTI 1</td>
</tr>
<tr>
<td>Establish means of evidence preservation.</td>
<td>KFRTI 1</td>
</tr>
<tr>
<td>Initiate an incident command system (ICS).</td>
<td>KFRTI 1</td>
</tr>
<tr>
<td>Perform tasks assigned in the Incident Action Plan (IAP).</td>
<td>KFRTI 1</td>
</tr>
<tr>
<td>Demonstrate emergency decontamination.</td>
<td>KFRTI 2</td>
</tr>
<tr>
<td>Evaluate the status of actions taken.</td>
<td>KFRTI 1</td>
</tr>
<tr>
<td>Communicate the status of the planned response.</td>
<td>KFRTI 1</td>
</tr>
<tr>
<td>Establishing and Enforcing Scene Control Procedures.</td>
<td></td>
</tr>
<tr>
<td>5.4.1 Demonstrate the ability to perform emergency decontamination.</td>
<td>KFRTI 2</td>
</tr>
<tr>
<td>Communicating the Status of the Planned Response.</td>
<td></td>
</tr>
<tr>
<td>5.5.2 Communicate the status of the planned response.</td>
<td>KFRTI 1</td>
</tr>
<tr>
<td>Mission-Specific Competencies: Personal Protective Equipment – Implementing the Planned Response.</td>
<td></td>
</tr>
<tr>
<td>6.2.4 Don, doff, and work in personal protective equipment.</td>
<td>KFRTI 3</td>
</tr>
<tr>
<td>Demonstrate local procedures for responders undergoing the technical decontamination process.</td>
<td>Local Verification</td>
</tr>
<tr>
<td>Mission-Specific Competencies: Personal Protective Equipment – Terminating the Incident.</td>
<td></td>
</tr>
<tr>
<td>6.2.5 Identify and complete the reporting and documentation requirements.</td>
<td>KFRTI 4</td>
</tr>
<tr>
<td>Mission-Specific Competencies: Product Control – Implementing the Planned Response.</td>
<td></td>
</tr>
<tr>
<td>6.6.4 Demonstrate product control functions set out in the IAP.</td>
<td>KFRTI 5</td>
</tr>
<tr>
<td>Demonstrate the application of foam(s) or agent(s) on a spill or fire involving hazardous materials/WMD.</td>
<td>KFRTI 6</td>
</tr>
<tr>
<td>Demonstrate performing absorption.</td>
<td>KFRTI 5</td>
</tr>
<tr>
<td>Demonstrate performing adsorption.</td>
<td>KFRTI 5</td>
</tr>
<tr>
<td>Demonstrate performing diking.</td>
<td>KFRTI 5</td>
</tr>
<tr>
<td>Demonstrate performing dilution.</td>
<td>KFRTI 5</td>
</tr>
<tr>
<td>Demonstrate performing diversion.</td>
<td>KFRTI 5</td>
</tr>
<tr>
<td>Demonstrate performing retention.</td>
<td>KFRTI 5</td>
</tr>
<tr>
<td>Demonstrate performing remote valve shutoff.</td>
<td>KFRTI 5</td>
</tr>
<tr>
<td>Demonstrate performing vapor dispersion.</td>
<td>KFRTI 5</td>
</tr>
<tr>
<td>Demonstrate performing vapor suppression.</td>
<td>KFRTI 5</td>
</tr>
</tbody>
</table>
Skill Set: Implement the Planned Response

**OBJECTIVE:**
NFPA 472-2008, Chapter 5, Section 5.1.2.

**REFERENCE:**

**Candidate Equipment Required:** None.

**Evaluator Equipment Required:** Scenario, scene tape; traffic cones; clean, empty, 1-gallon paint cans with lids; handheld radio; HazMat Tactical Worksheet, Incident Action Plan.

**Read To Candidate**

At this station, you will be required to implement the response. You will be provided with a scenario or situation; an Incident Action Plan; a HazMat Worksheet; and tools or equipment appropriate to the situation/scenario.

This is **not** a timed event, but you should complete the assignment as expeditiously as possible.

To pass this station, you must **successfully complete 100% of the steps.**

<table>
<thead>
<tr>
<th>1&lt;sup&gt;st&lt;/sup&gt; Attempt</th>
<th>2&lt;sup&gt;nd&lt;/sup&gt; Attempt</th>
<th>Skill Steps</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>P</strong></td>
<td><strong>F</strong></td>
<td></td>
</tr>
<tr>
<td><strong>P</strong></td>
<td><strong>F</strong></td>
<td></td>
</tr>
</tbody>
</table>

**Sections 5.1.2.2.3 & 5.1.2.2.4 – Implement the Response.**

1. Establish control procedures.
2. Enforce control procedures.
3. Establish means of evidence protection where criminal or terrorist acts are suspected.
4. Initiate an Incident Command System (ICS).
6. Evaluate the status of the actions taken.
7. Communicate the status of the planned response.

---

**Candidate’s Name:** ________________________________________  **Station:** P ____ F ____

**Evaluator’s Signature:** __________________________  **Date:** ______________

If the candidate **FAILS** this station after both attempts, provide comments on the back of this sheet and turn it in to the Exam Site Coordinator.
**Skill Set: Demonstrate Emergency Decontamination**

**OBJECTIVE:**
NFPA 472-2008, Chapter 5, Sections 5.1.1 & 5.4.1.

**REFERENCE:**
  KNOWLEDGE: p. 355.

**Candidate Equipment Required:** Structural PPE ensemble, SCBA.

**Evaluator Equipment Required:** Victim (in PPE & SCBA), water hose, scrub brush, buckets, soap or detergent.

---

**Read To Candidate**

At this station, you will be given a simulated victim that is wearing full PPE and SCBA who has been exposed to a HazMat product and requires emergency decontamination. You will be required to remove the victim from the contaminated area and correctly perform emergency decontamination. During this test, you may not cut away clothing nor PPE. You must remove the PPE and allow the victim to remain in his/her clothing. Upon removing the victim’s fire gear, you must move the victim to a clean environment. The clean environment will be designated by the evaluator.

Your assignment will be completed when you communicate appropriate information to medical personnel and the Incident Commander. The evaluator will serve as both the medical personnel and Incident Commander.

To pass this station, you must successfully complete 100% of the steps.

---

**1st Attempt 2nd Attempt**

<table>
<thead>
<tr>
<th>Skill Steps</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Removed victim from contaminated area.</td>
</tr>
<tr>
<td>2. Washed victim down with flooding quantities of water. <em>(Note 1)</em></td>
</tr>
<tr>
<td>3. Removed fire helmet (if worn).</td>
</tr>
<tr>
<td>4. Loosened SCBA harness and removed pack from victim’s back, ensuring not to break the face piece seal.</td>
</tr>
<tr>
<td>5. Removed PPE ensemble and personal clothing. <em>(Note 2)</em></td>
</tr>
<tr>
<td>6. Performed a quick cycle of head-to-toe rinse, wash, and rinse.</td>
</tr>
<tr>
<td>7. Moved victim to end of decon corridor and removed SCBA face piece.</td>
</tr>
<tr>
<td>8. Moved victim to clean area and transfer him/her over to medical personnel.</td>
</tr>
<tr>
<td>9. Passed on appropriate information to medical personnel &amp; the Incident Commander.</td>
</tr>
</tbody>
</table>

**Note 1:** Simulate using water if weather conditions prohibit.

**Note 2:** Personal clothing will not be removed during certification testing.

---

**Candidate’s Name:** __________________________________________  **Station:** P ___ F ___

**Evaluator’s Signature:** __________________________________________  **Date:** ________________

If the candidate FAILS this station after both attempts, provide comments on the back of this sheet and turn it in to the Exam Site Coordinator.
Skill Set: Mission-Specific Competencies PPE:
Don, Doff, & Work In PPE

OBJECTIVE: NFPA 472-2008, Chapter 6, Section 6.2.4.


Candidate Equipment Required: Structural PPE ensemble, SCBA.
Evaluator Equipment Required: Stopwatch.

Read To Candidate

At this station, you will be required to don personal protective ensemble (PPE) within one (1) minute. The exact sequence of donning the clothing is not graded. However, once completed, all components must be correctly worn and ready for firefighting operations (minus SCBA). When you have completed all donning procedures, clap your hands and I will stop your time.

After I have checked your PPE, you will be required to don Self-Contained Breathing Apparatus (SCBA) within one (1) minute. The method and exact sequence of donning the SCBA is not graded. When you have completed all donning procedures, clap your hands and I will stop your time. Once you have clapped your hands indicating you are done, do not touch your gear until I have checked it.

You will start the SCBA portion of this station wearing your helmet (with loosened chinstrap), hood down, but not your gloves. However, once completed, the SCBA and PPE must be correctly worn and you should be ready for interior fire fighting operations.

Once you have completed both portions of this station, you will be instructed to doff your PPE and SCBA and prepare both for reuse. Doffing your PPE and SCBA is not timed.

To pass this station, you must successfully complete 100% of the steps.

<table>
<thead>
<tr>
<th>1st Attempt</th>
<th>2nd Attempt</th>
<th>Skill Steps</th>
</tr>
</thead>
<tbody>
<tr>
<td>P</td>
<td>F</td>
<td></td>
</tr>
<tr>
<td>P</td>
<td>F</td>
<td></td>
</tr>
</tbody>
</table>

Section 6.2.4.1 – Using Protective Clothing and Respiratory Protection.

Personal Protective Ensemble (PPE):

---

1. Donned boots, turnout pants, and suspenders. All fasteners secured.

2. Donned protective hood.

3. Donned turnout coat. All fasteners (including collar) secured.


5. Donned gloves.

**END TIME HERE**

---

6. Donned PPE within one (1) minute.

7. Doffs PPE and prepares for reuse. (**Not timed.**)

(CONTINUED)
Self-contained Breathing Apparatus (SCBA):

8. Placed SCBA on back, fastening & tightening all straps.
9. Donned and adjusted facepiece.
10. Pulled hood over facepiece straps.
11. Replaced helmet & fastened chinstrap such that airline is not caught under chinstrap.
12. Regulator correctly mounted to facepiece and locked in.
13. Turned cylinder valve on to within one quarter (1/4) turn of fully open.
14. Mainline valve (if applicable) turned on and bypass valve closed.
15. Donned fire fighting gloves.

END TIME HERE

16. SCBA donned within one (1) minute.
17. Doffs SCBA and prepares for reuse. (Not timed.)
Skill Set: Mission-Specific Competencies PPE: Complete Reporting & Documentation Requirements

OBJECTIVE: NFPA 472-2008, Chapter 6, Section 6.2.5.


Candidate Equipment Required: Station uniform.


Read To Candidate

At this station, you will be provided with a tactical scenario representing a HazMat incident. You will also be provided with an 11" x 17" HazMat Tactical Worksheet and a copy of the DOT Emergency Response Guide (ERG). You should complete all portions of the HazMat Tactical Worksheet as if you are the first responder on the scene and are temporarily in command until such time as an officer of a higher rank arrives. You are to document all assessment and reporting requirements on the HazMat Tactical Worksheet. Some of the things to complete include – but NOT limited to – level of PPE & respiratory protection required, method(s) of controlling the product, etc. Complete as much of the form as you can from the information provided in the scenario and from what you can derive from the ERG.

This is not a timed event, but you should complete the assignment as expeditiously as possible.

To pass this station, you must successfully complete 100% of the steps.

<table>
<thead>
<tr>
<th>1st Attempt</th>
<th>2nd Attempt</th>
<th>Skill Steps</th>
</tr>
</thead>
<tbody>
<tr>
<td>P</td>
<td>F</td>
<td></td>
</tr>
</tbody>
</table>

Section 6.2.5.1 – Reporting and Documenting the Incident.

___ ___ ___ ___ 1. HazMat Tactical Worksheet completed (given scenario available information)

___ ___ ___ ___ 2. Appropriate conclusions drawn from using scenario information and ERG.

Candidate’s Name: ____________________________ Station: P ____ F __________
Evaluator’s Signature: ____________________________ Date: ________________

If the candidate FAILS this station after both attempts, provide comments on the back of this sheet and turn it in to the Exam Site Coordinator.

Skill Set: Mission-Specific Competencies Product Control: Product Control Functions


Candidate Equipment Required: Structural PPE ensemble, SCBA.
Evaluator Equipment Required: Pumper, handline, water source, absorbant, dirt, overflow tube, shovels, remote shutoff valve prop.

Read To Candidate

At this station, you will be given the appropriate tools and equipment and a simulated HazMat release situation. You will be required to demonstrate/perform product control functions. You will be responsible for demonstrating all procedures for product control currently expected of a first responder at the Operations level.

I will indicate which five (5) of the eleven (11) items you will test on from the list below and if full PPE and/or full PPE with SCBA will be necessary for the items chosen.

This is not a timed event, but you should complete the assignment as expeditiously as possible.

To pass this station, you must successfully complete 100% of the steps.

1st Attempt 2nd Attempt Skill Steps
P F P F

Section 6.6.4.1 – Performing Control Options.

___ ___ ___ ___ 1. Demonstrate product control functions set out in the IAP.
___ ___ ___ ___ 2. Demonstrate performing absorption.
___ ___ ___ ___ 3. Demonstrate performing adsorption.
___ ___ ___ ___ 4. Demonstrate performing damming.
___ ___ ___ ___ 5. Demonstrate performing diking.
___ ___ ___ ___ 6. Demonstrate performing dilution.
___ ___ ___ ___ 7. Demonstrate performing diversion.
___ ___ ___ ___ 8. Demonstrate performing retention.
___ ___ ___ ___ 9. Demonstrate performing remote valve shutoff.
___ ___ ___ ___ 10. Demonstrate performing vapor dispersion.
___ ___ ___ ___ 11. Demonstrate performing vapor suppression.

Candidate’s Name: __________________________________________  Station: P ____ F____
Evaluator’s Signature: _________________________________________ Date: _________

If the candidate FAILS this station after both attempts, provide comments on the back of this sheet and turn it in to the Exam Site Coordinator.
Skill Set: Mission-Specific Competencies Product Control: Foams or Agents


Candidate Equipment Required: Structural PPE ensemble, SCBA.

Evaluator Equipment Required: Water source, pumper, handline, foam appliances.

Read To Candidate

At this station, given fire fighting foam or vapor suppressing agents, a fire department pumper and foam application equipment and a simulated hazardous materials fire you will operate as a member of a team to demonstrate proper application of foam. The exam coordinator will indicate the type(s) of foam application you will perform from the list below.

At this station, given foam concentrates or vapor suppressing agents; a foam proportioning device; water supply; and an attack line; you will be required to operate as a member of a team to mitigate a HazMat product release.

You must select the proper type of foam concentrate or vapor suppressing agent for the released product, assemble foam stream components, and then apply the foam stream on the product to create and maintain a foam blanket to control the release.

Your team must maintain a foam stream for protection and continue facing the hazard while retreating to a safe haven.

This is not a timed event, but you should complete the assignment as expeditiously as possible.

To pass this station, you must successfully complete 100% of the steps.

1st Attempt 2nd Attempt Skill Steps
P F P F

Section 6.6.4.1 – Performing Control Options - Demonstrate the application of foam(s) or agent(s) on a spill or fire involving hazardous materials/WMD.

____ ____ ____ ____ 1. Selected proper type of foam concentrate or agent for product.


____ ____ ____ ____ 3. Safely approached the product as a member of a team.

____ ____ ____ ____ 4. Applied foam stream to surface using appropriate application technique.


____ ____ ____ ____ 6. Team retreated while facing hazard, reaching a safe haven.

Candidate’s Name: ________________________________ Station: P ____ F ____

Evaluator’s Signature: ______________________________ Date: ____________

If the candidate FAILS this station after both attempts, provide comments on the back of this sheet and turn it in to the Exam Site Coordinator.
HazMat - Operations Local Verification & Mask Fit Form
NFPA 472 – 2008

Candidate’s Name: ___________________________ Date of Birth: ____________

Local Verification Requirements

1. 29 CFR 1910.134, Mask Fit Documentation:
The candidate has been successfully fitted to his or her Self-Contained Breathing Apparatus (SCBA) Mask in compliance with 29 CFR 1910.134 within the last twelve (12) calendar months.

The candidate has successfully demonstrated the ability to perform technical decontamination of personnel and equipment in accordance with department policies and procedures using department facilities and other ancillary equipment.

I have reviewed the candidate’s file and affirm that the candidate identified above has met the requirements listed in paragraphs 1 through 2 above. All requirements have been successfully conducted and completed per local department protocol. All information listed above can be validated by a written and/or hard copy of the documents maintained by the department.

_________________________  ___________________________
Typed or Legibly Printed Name of Fire Chief or Training Officer  Signature of Fire Chief or Training Officer

Date: __________  Department: __________________________

Fire Department Phone Number: (______ ) ________ - ________________

Mail Completed Form To: Kansas Fire & Rescue Training Institute, KU Continuing Education, 1515 St Andrews Drive, Lawrence, KS 66047

09/09 KF&RTI