Nevada Fire Service Certification System


Fire & Hazardous Material Training & Certification Bureau
NFPA 472 2013 Edition
Revised August 2014
OPERATIONS MANIPULATIVE SKILL OBJECTIVES

REPORTING AND DOCUMENTATION

1. Demonstrate procedures for establishing and transferring command at a Hazardous Materials/WMD incident, utilizing an incident management system.

REFERENCE: NFPA 472, 5.1.2.2(3)(c) 2013 Edition

CONDITION: Given a Local Emergency Response Plan (LERP) provided by the Authority Having Jurisdiction (AHJ), a scenario for a Hazardous Materials/WMD incident and an Emergency Response Guide (ERG) and a tactical worksheet as provided by AHJ.

COMPETENCE: • Given a brief size-up:
   Unit on scene
   Location
   Nature of incident (i.e. Containers, location, nearby exposures, risks)
   Current conditions (This is what I see)
   •Identify material.
   •Identify the isolation zones
   •Implement appropriate emergency operations
   •Implement site safety and control plan
   •Designate a safety officer
   •Establish Incident Command & Accountability and announce location
   •Name the Incident

2. Brief assigned personnel so that the personnel are informed of specific tasks, standards, safety, operational, and special interest area considerations for the following:

REFERENCE: NFPA 472, 5.5.2, 2013 Edition

CONDITION: Given one of two scenarios involving HAZMat/WMD incidents, including a completed Incident Action Plan

COMPETENCE: • Status of incident
   • Hazards identified
   • Tasks to be performed
   • Description of the site
   • Expected duration of the tasks
   • PPE requirements
   • Monitoring requirements
   • Describe emergency radio traffic procedures
   • Describe evacuation signal procedures
3. Identify and complete the reporting and documentation requirements within the emergency response plan or IAP regarding PPE.

REFERENCE: NFPA 472, 6.2.5.1, 2013 Edition

CONDITION: Given a scenario and a blank ICS 202 & ICS 204 or other documents used by the AHJ to meet FEMA and/or department SOG’s, document the type of PPE required by the scenario and special instructions.

COMPETENCE: • ICS 202 General Safety Message
  *Requires the use of PPE when exposures are expected.
• Fill out the ICS 204 Special Instructions
  -Identify type of PPE required by scenario
  -Identify when it is to be worn
  -Reinforce compliance

DECONTAMINATION


REFERENCE: NFPA 472, 5.1.2.2(3), 5.3.4, 2013 Edition

CONDITION: Given water supply, hose/nozzles, 2-firefighter team. Victim to be decontaminated are to be dressed in fire fighter turnouts or street clothing. Firefighter PPE and SCBA. *PPE donned before skill begins.

COMPETENCE: • Select appropriate site to minimize runoff contamination.
• Responder directs victim on procedures.
• Rinse personnel starting from the head, working towards the feet.
• Victim being decon removes contaminated clothing as much as possible.
• As necessary, decon team member’s touch outside of clothing being removed to avoid cross contamination.
• Victim places contaminated articles in one designated area within contamination zone.
• Victim given protective clothing.
• Victim directed to exit area for further evaluation

5. Demonstrate the setting up of a multiple station decontamination corridor.


CONDITION: Given equipment as determined by incident and qualified hazmat technician, 2-member team.
5. **Demonstrate the setting up of a multiple station decontamination corridor (cont.)**

**COMPETENCE:**
- Select appropriate site, up wind of incident, drainage towards "hot" zone.
- Clearly marked entry point.
- Tool drop.
- Confinement of decon solutions and runoff water.
- Wash station, (may be multiple).
- Rinse station, (may be multiple).
- SCBA drop/Bottle change.
- PPE drop station(s).
- Clearly marked exit point.

6. **Demonstrate decontamination of emergency responder.**

**REFERENCE:** NFPA 472, 6.2.4.1(3)(4), 6.6.4.2, 2013 Edition

**CONDITION:**
Given a decon corridor, water supply, hose/nozzles, 2-member team, a responder dressed in appropriate level of protection to be decontaminated. At the minimum, Firefighter PPE and SCBA for a person performing decontamination shall be worn.

**COMPETENCE:**
- Direct responder to enter entry point.
- Direct responder to drop tools in designated area.
- Direct responder to enter wash station.
- Rinse personnel starting from the head.
- Decon personnel control run-off of wash station.
- Direct responder to drop SCBA in designated area.
- Decon team member’s touch outside of clothing being removed to avoid contaminating responders.
- Remove contaminated PPE or clothing.
- Place contaminated articles in one designated area within corridor.
- Direct responder to exit designated point.

**PERSONAL PROTECTIVE EQUIPMENT**

7. **Identify and describe the function of each component of the Self-Contained Breathing Apparatus (SCBA).**

**REFERENCE:** NFPA 472, 6.2.4.1(3), 2013 Edition

**CONDITION:**
Given a Self-Contained Breathing Apparatus (SCBA) used by the responder.

**COMPETENCE:**
- Identify and describe backpack/harness
- Identify and describe air cylinder - cylinder, valve, and pressure gauge
- Identify and describe regulator assembly - high pressure hose, low pressure alarm, main line valve, and emergency by-pass valve
- Identify and describe facepiece assembly - low pressure hose, exhalation valve, and head harness
8. **Demonstrate donning Self-Contained Breathing Apparatus (SCBA).**

REFERENCE: NFPA 472, 6.2.4.1(3), 2013 Edition

CONDITION: Given a Self-Contained Breathing Apparatus (SCBA) used by the responder.

COMPETENCE:
- Crouch or kneel at SCBA.
- Check SCBA cylinder pressure gauge for full level.
- Open cylinder valve fully, verbalize pressure.
- Check regulator and cylinder gauge - gauges should read within 100 psi of each other.
- Don backpack and fasten/tighten all straps.
- Don face piece, adjust head harness.
- Check seal, positive/negative pressure check.
- Don hood over head.
- Don helmet and tighten chin strap (helmet ear flaps down)
- Attach supply hose to regulator or face piece.
- Turn on PASS device if needed.
- Don Gloves
- Doff SCBA and place back in service.

Steps may vary between various manufactures; however all of the above should be covered during the donning process.

9. **Demonstrate doffing Self-Contained Breathing Apparatus (SCBA).**

REFERENCE: NFPA 472, 6.2.4.1(3), 2013 Edition

CONDITION: Given a Self-Contained Breathing Apparatus.

COMPETENCE:
- Disconnect regulator from facepiece or low-pressure hose from regulator.
- Doff SCBA and place on ground, close cylinder valve.
- Relieve excess pressure from regulator, listen for low-pressure alarm.
- Fully extend all straps on SCBA backpack.
- Fully extend all straps on facepiece.
- Inspect entire apparatus for cleanliness and damage.
- Place back in service.

10. **Assist/Don emergency response personnel in donning hooded chemical splash protective clothing and SCBA.**

REFERENCE: NFPA 472, 6.2.4.1(3), 2013 Edition

CONDITION: Given a hooded splash suit, boots, gloves, duct tape, helmet, SCBA, 2-member team, **one person donning** and **one assisting**.
10. Assist/Don emergency response personnel in donning hooded chemical splash protective clothing and SCBA (cont.)

COMPETENCE:  
- **Skills for person donning splash suit.**  
  - Don hooded splash suit.  
  - Don boots.  
  - Don SCBA.  
  - Don face piece.  
  - Check face seal.  
  - Don inner gloves.  
  - Don outer gloves.  
  - Don head protection.  
- **Skills for person assisting in donning of splash suit.**  
  - Assist donning hooded splash suit.  
  - Assist donning boots.  
  - Correctly tape suit to boots  
  - Completely tape hood of PPE to SCBA face piece, do not cover field of vision on face piece.  
  - Assist donning SCBA.  
  - Tape front closure area and neck area.  
  - Assist donning inner gloves.  
  - Assist donning outer gloves.  
  - Connect low pressure hose to SCBA regulator.  
  - Tab all ends of tape (2” minimum).

11. Demonstrate Donning (and Doffing) Firefighter Turnout Gear/PPE.

REFERENCE: NFPA 472, 6.2.4.1(3), 2013 Edition

CONDITION: Given boots, gloves, Nomex hood, bunker bottoms, bunker coat and helmet.

COMPETENCE:  
- Don bunker pants.  
- Don boots.  
- Don hood.  
- Don coat.  
- Don helmet.  
- Don gloves.  
- Doff Turnout Gear/PPE
PERFORMING DEFENSIVE CONTROL ACTIONS

12. Demonstrate stopping product release by closing remote valves.

REFERENCE: NFPA 472, 6.2.4.1(3), 6.6.4.1(3)(h), 2013 Edition

CONDITION: Given a simulated spill from a tank, remote valve, and 2-firefighter team.
PPE: Minimum Firefighter Turnouts, SCBA.
*PPE donned before skill begins.

COMPETENCE: • Confirm location of remote valve.
• Approach valve location staying out of product.
• Open or close valve.
• Exit area maintaining team integrity.

13. Demonstrate use of unmanned master stream (300 gpm or greater) for vapor suppression or dispersion.


CONDITION: Given a simulated spill, water supply, appliance, 100 ft. 2 1/2" hose, and 2-person team.
PPE: Minimum Firefighter Turnouts, SCBA.
*PPE donned before skill begins.

COMPETENCE: • Determine system is set up correctly.
• Signal for water.
• Adjust stream of appliance.
• Flow until evaluator is satisfied.

14. Demonstrate the use of a hoseline to dilute or dispersion vapors on a hazardous materials spill.

REFERENCE: NFPA 472, 6.2.4.1(3), 6.6.4.1(3)(e)(i), 2013 Edition

CONDITION: Given a simulated spill, minimum 1 ¾" attack line, fire apparatus or water supply, 3-person team.
PPE: Minimum Firefighter Turnouts, SCBA.
*PPE donned before skill begins.

COMPETENCE: • Extend hoseline, open nozzle to bleed air.
• Determine direction of water stream.
• Use hose stream to direct product or vapors
• Work upstream of product
• Two personnel to operate hoseline, one person to act as safety
15. Demonstrate the proper application of fire fighting foam on a simulated hazardous materials spill or fire.


CONDITION: Given a simulated spill (36 sq. ft.), foam application system (apparatus or foam extinguisher), PPE: Minimum Firefighter Turnouts, SCBA. *PPE donned before skill begins.

COMPETENCE: • Approach spill upwind/upgrade
• Demonstrate proper application techniques.
• Do not direct stream directly into pool.
• Deflect foam off solid surface or “rain” onto surface.

16. Construct a dike to divert a spill.

REFERENCE: NFPA 472, 6.2.4.1(3), 6.6.4.1(3)(d)(f), 2013 Edition

CONDITION: Given a simulated moving spill, sand or dirt, shovels, plastic, 3-person team, PPE: Minimum Firefighter Turnouts, SCBA. *PPE donned before skill begins.

COMPETENCE: • Construct a dike 6 feet long and 6 inches high.
• Work ahead of spill, out of product.
• Two personnel build dike and one standby as safety.
• Divert spill.

17. Construct a simple dam to retain a spill.

REFERENCE: NFPA 472, 6.2.4.1(3), 6.6.4.1(3)(c)(g), 2013 Edition

CONDITION: Given a simulated spill, sand or dirt, shovels, plastic, 3-person team, PPE: Minimum Firefighter Turnouts, SCBA. *PPE donned before skill begins.

COMPETENCE: • Construct a dam 6 ft. long, 8-12 inches high.
• Work ahead of spill out of product.
• Two personnel to build dam and one member to standby as safety.
• Retain spill.
18. Demonstrate the use of absorbent/adsorption material to control a spill of a hazardous material.


CONDITION: Given a simulated spill, absorbent pad or other material, shovels, 3-person team. PPE: Minimum Firefighter Turnouts, SCBA. *PPE donned before skill begins.

COMPETENCE: • Retain spill by putting absorbent materials in place. • Work ahead of spill out of product. • Two personnel to build a dike and one member to standby as safety.
REPORTING AND DOCUMENTATION

Skill 1: Demonstrate procedures for establishing and transferring command at a Hazardous Materials/WMD incident, utilizing an incident management system.

CONDITION: Given a Local Emergency Response Plan (LERP) provided by the Authority Having Jurisdiction (AHJ), a scenario for a Hazardous Materials/WMD incident and an Emergency Response Guide (ERG) and a tactical worksheet as provided by AHJ.

APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:  

1. Given a brief size-up:
   - Unit on scene
   - Location
   - Nature of incident
     (Containers, location, nearby exposures, risks)
   - Current conditions
     (This is what I see)
   - [ ] [ ] [ ] [ ]

2. Identify material. [ ] [ ]

3. Identify the isolation zones. [ ] [ ]

4. Implement appropriate emergency operations. [ ] [ ]

5. Implement site safety and control plan. [ ] [ ]

6. Designate a safety officer. [ ] [ ]

7. Establish Incident Command & Accountability and announce location. [ ] [ ]

8. Name the Incident. [ ] [ ]

PERFORMANCE RATING ON THIS SKILL: PASS FAIL

First Attempt [ ] [ ]

Second Attempt [ ] [ ]

Evaluator Comments: ________________________________

Evaluator #1: ________________________________  
(Please Print)

Evaluator #2: ________________________________  
(Please Print)

Notice to Evaluators: Candidate must sign for 2nd attempt failures. By this signature the candidate is notified that he/she has failed this skill and will be require to take a 3rd and final attempt, no sooner than 30 days from today’s date. The 3rd attempt will consist of this skill plus one additional skill from this same area of the standard.

Candidate’s Signature: ________________________________
Skill 2: Brief assigned personnel so that the personnel are informed of specific tasks, standards, safety, operational, and special interest area considerations.

CONDITION: Given one of two scenarios involving HAZMat/WMD incidents, including a completed Incident Action Plan.

APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:

<table>
<thead>
<tr>
<th>1st. Att.</th>
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<tr>
<td>Y</td>
<td>N</td>
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</table>

2. Hazards identified.
3. Tasks to be performed.
4. Description of the site.
5. Expected duration of the tasks.
6. PPE requirements.
7. Monitoring requirements.
8. Describe emergency radio traffic procedures.

PERFORMANCE RATING ON THIS SKILL:

<table>
<thead>
<tr>
<th>First Attempt</th>
<th>Second Attempt</th>
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Evaluator Comments: ________________________________________________________________

Evaluator #1: ____________________________________________________________
(Please Print)

Evaluator #2: ____________________________________________________________
(Please Print)

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Candidate’s Signature: __________________________________________________________
Skill 3: Identify and complete the reporting and documentation requirements within the emergency response plan or IAP regarding PPE.

CONDITION: Given a scenario and a blank ICS 202 & ICS 204 or other documents used by the AHJ to meet FEMA and/or department SOG's, document the type of PPE required by the scenario and special instructions.

APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:

1. ICS 202 General Safety Message.
   *Requires the use of PPE when exposures are expected.

2. Fill out the ICS 204 Special Instructions.
   -Identify type of PPE required by scenario
   -Identify when it is to be worn
   -Reinforce compliance

PERFORMANCE RATING ON THIS SKILL:

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<thead>
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<th>1st. Att.</th>
<th>2nd Att.</th>
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<tr>
<td></td>
<td>Y N</td>
<td>Y N</td>
</tr>
<tr>
<td>1. ICS 202 General Safety Message.</td>
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<td>☐ ☐</td>
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<tr>
<td>2. Fill out the ICS 204 Special Instructions.</td>
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</table>

Evaluator Comments: ____________________________________________________________

Evaluator #1: ________________________________
(Please Print)

Evaluator #2: ________________________________
(Please Print)

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Candidate’s Signature: ________________________________
DECONTAMINATION

Skill 4: Demonstrate “Emergency” decontamination of a victim using water.

CONDITION: Given water supply, hose/nozzles, 2-firefighter team. Victim to be decontaminated are to be dressed in fire fighter turnouts or street clothing.
Firefighter PPE and SCBA.
*PPE donned before skill begins.

APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:

1. Select appropriate site to minimize runoff contamination.
2. Responder directs victim on procedures.
3. Rinse personnel starting from the head, working towards the feet.
4. Victim being decon removes contaminated clothing as much as possible.
5. As necessary, decon team member’s touch outside of clothing being removed to avoid cross contamination.
6. Victim places contaminated articles in one designated area within contamination zone.
7. Victim given protective clothing.
8. Victim directed to exit area for further evaluation.

PERFORMANCE RATING ON THIS SKILL: PASS FAIL

Evaluator Comments:

Evaluator #1: (Please Print)
Evaluator #2: (Please Print)

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Candidate’s Signature: ________________________________
DECONTAMINATION

Skill 5: Demonstrate the setting up of a multiple station decontamination corridor.

CONDITION: Given equipment as determined by incident and qualified hazmat technician, 2-firefighter team.

APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:

<table>
<thead>
<tr>
<th>Competency</th>
<th>1st. Att.</th>
<th>2nd Att.</th>
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</thead>
<tbody>
<tr>
<td>1. Select appropriate site, up wind of incident, drainage towards &quot;hot&quot; zone.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Clearly marked entry point.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Tool drop.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Confinement of decon solutions and runoff water.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5. Wash station, (may be multiple).</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6. Rinse station, (may be multiple).</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7. SCBA drop/Bottle change.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8. PPE drop station(s)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9. Clearly marked exit point.</td>
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</tbody>
</table>

PERFORMANCE RATING ON THIS SKILL:

<table>
<thead>
<tr>
<th>Skill</th>
<th>PASS</th>
<th>FAIL</th>
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</table>

First Attempt
Second Attempt

Evaluator Comments: ________________________________

Evaluator #1: ________________________________
(Please Print)

Evaluator #2: ________________________________
(Please Print)

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Candidate’s Signature: ________________________________
DECONTAMINATION

Skill 6: Demonstrate decontamination of emergency responder.

CONDITION: Given a decon corridor, water supply, hose/nozzles, 2-member team and a responder dressed in appropriate level of protection to be decontaminated. At the minimum, Firefighter PPE and SCBA for a person performing decontamination shall be worn.

APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:

<table>
<thead>
<tr>
<th>Competency</th>
<th>1st Att</th>
<th>2nd Att</th>
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</thead>
<tbody>
<tr>
<td>1. Direct responder to enter entry point.</td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>2. Direct responder to drop tools in designated area.</td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>3. Direct responder to enter wash station.</td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>4. Rinse personnel starting from the head.</td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>5. Decon personnel control run off of wash station.</td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>6. Direct responder to drop SCBA in designated area.</td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>7. Decon team member's touch outside of clothing being removed to avoid contamination responders.</td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>8. Remove contaminated PPE or clothing.</td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>9. Place contaminated articles in one designated area within corridor.</td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>10. Direct responder to exit designated point.</td>
<td>Y</td>
<td>N</td>
</tr>
</tbody>
</table>

PERFORMANCE RATING ON THIS SKILL:

First Attempt
Second Attempt

PASS:  Y  N
FAIL:   Y  N

Evaluator Comments: ________________________________________________________

Evaluator #1: _____________________________________________________________
(Please Print)

Evaluator #2: _____________________________________________________________
(Please Print)

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Candidate’s Signature: ____________________________________________
PERSONAL PROTECTIVE EQUIPMENT

Skill 7: Identify and describe the function of each component of the Self Contained Breathing Apparatus (SCBA).

CONDITION: Given a Self-Contained Breathing Apparatus (SCBA) used by the responder.

APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:

1. Identify and describe backpack/harness.
2. Identify and describe air cylinder - cylinder, valve, and pressure gauge.
3. Identify and describe regulator assembly – high pressure hose, low pressure alarm, main line valve, and emergency by pass valve.
4. Identify and describe facepiece assembly - low pressure hose, exhalation valve, and head harness.

PERFORMANCE RATING ON THIS SKILL:

<table>
<thead>
<tr>
<th>1st. Att.</th>
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<tbody>
<tr>
<td>Y</td>
<td>N</td>
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<tr>
<td>Y</td>
<td>N</td>
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</tbody>
</table>

Evaluator Comments: ____________________________________________________________

Evaluator #1: _________________________________________________________________

(Please Print)

Evaluator #2: _________________________________________________________________

(Please Print)

Notice to Evaluators: Candidate must sign for 2nd attempt failures. By this signature the candidate is notified that he/she has failed this skill and will be require to take a 3rd and final attempt, no sooner than 30 days from today’s date. The 3rd attempt will consist of this skill plus one additional skill from this same area of the standard.

Candidate’s Signature: ________________________________
PERSONAL PROTECTIVE EQUIPMENT

Skill 8: Demonstrate donning Self Contained Breathing Apparatus (SCBA).

CONDITION: Given a Self-Contained Breathing Apparatus (SCBA) used by the responder.

APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:

<table>
<thead>
<tr>
<th>1st. Att.</th>
<th>2nd Att.</th>
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<tbody>
<tr>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>1. Crouch or kneel at SCBA.</td>
<td>✔</td>
</tr>
<tr>
<td>2. Check SCBA cylinder pressure gauge for full level.</td>
<td>✔</td>
</tr>
<tr>
<td>3. Open cylinder valve fully, verbalize pressure.</td>
<td>✔</td>
</tr>
<tr>
<td>4. Check regulator and cylinder gauge, gauges should read within 100 psi of each other.</td>
<td>✔</td>
</tr>
<tr>
<td>5. Don backpack and fasten/tighten all straps.</td>
<td>✔</td>
</tr>
<tr>
<td>6. Don face piece, adjust head harness.</td>
<td>✔</td>
</tr>
<tr>
<td>7. Check seal, positive/negative pressure check.</td>
<td>✔</td>
</tr>
<tr>
<td>8. Don hood over head.</td>
<td>✔</td>
</tr>
<tr>
<td>9. Don helmet and tighten chin strap (helmet earflaps down).</td>
<td>✔</td>
</tr>
<tr>
<td>10. Attach supply hose to regulator or face piece.</td>
<td>✔</td>
</tr>
<tr>
<td>11. Turn on PASS device if needed.</td>
<td>✔</td>
</tr>
<tr>
<td>12. Don gloves.</td>
<td>✔</td>
</tr>
<tr>
<td>13. Doff SCBA and place back in service</td>
<td>✔</td>
</tr>
</tbody>
</table>

PERFORMANCE RATING ON THIS SKILL: PASS FAIL
First Attempt
Second Attempt

Evaluator Comments: ____________________________________________

Evaluator #1: ________________________________________________
(Please Print)

Evaluator #2: ________________________________________________
(Please Print)

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Candidate’s Signature: ________________________________________
PERSONAL PROTECTIVE EQUIPMENT

Skill 9: Demonstrate doffing Self Contained Breathing Apparatus (SCBA).

CONDITION: Given a Self-Contained Breathing Apparatus (SCBA) used by the responder.

APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:

1. Disconnect regulator from facepiece or low pressure hose from regulator.
2. Doff SCBA and place on ground, close cylinder valve.
3. Relieve excess pressure from regulator, listen for low pressure alarm.
4. Fully extend all straps on SCBA backpack.
5. Fully extend all straps on facepiece.
6. Inspect entire apparatus for cleanliness and damage.
7. Place back in service.

PERFORMANCE RATING ON THIS SKILL:

<table>
<thead>
<tr>
<th></th>
<th>1st. Att.</th>
<th>2nd Att.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Y N</td>
<td>Y N</td>
</tr>
</tbody>
</table>

Evaluator Comments:

Evaluator #1: __________________________________________

Evaluator #2: __________________________________________

(Please Print)

Notice to Evaluators: Candidate must sign for 2nd attempt failures. By this signature the candidate is notified that he/she has failed this skill and will be required to take a 3rd and final attempt, no sooner than 30 days from today's date. The 3rd attempt will consist of this skill plus one additional skill from this same area of the standard.

Candidate's Signature: __________________________________________
PERSONAL PROTECTIVE EQUIPMENT

Skill 10: Assist/Don emergency response personnel in donning hooded chemical splash protective clothing and SCBA.

CONDITION: Given a hooded splash suit, boots, gloves, duct tape, helmet, SCBA, 2-member team: one person donning and one assisting. (Each team member shall complete both job performance requirements)

APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:

<table>
<thead>
<tr>
<th>SKILLS FOR PERSON DONNING SPLASH SUIT:</th>
<th>1st. Att.</th>
<th>2nd Att.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Don hooded splash suit.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Don boots.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Don SCBA.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Don face piece.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5. Check face seal.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6. Don inner gloves.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7. Don outer gloves.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8. Don head protection.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SKILLS FOR PERSON ASSISTING IN DONNING OF SPLASH SUIT:</th>
<th>1st. Att.</th>
<th>2nd Att.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Assist donning hooded splash suit.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Assist donning boots.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Correctly tape suit to boots.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Completely tape hood of PPE to SCBA face piece, do not cover field of vision on face piece.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5. Assist donning SCBA.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6. Tape front closure area and neck area.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7. Assist donning inner gloves.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8. Assist donning outer gloves.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9. Connect low pressure hose to SCBA regulator.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10. Tap all ends of tape (2&quot; minimum).</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

PERFORMANCE RATING ON THIS SKILL: Pass Fail

Evaluator Comments:

Evaluator #1: ________________________________
(Please Print)

Evaluator #2: ________________________________
(Please Print)

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Candidate's Signature: ________________________________
PERSONAL PROTECTIVE EQUIPMENT

Skill 11: Demonstrate Donning (and Doffing) Firefighter Turnout Gear/PPE.

CONDITION: Given boots, gloves, Nomex hood, bunker bottoms, bunker coat and helmet.

APPLICANT PERFORMED THE FOLLOWING COMPETENCIES

1. Don bunker pants.
2. Don boots.
3. Don hood.
4. Don coat.
5. Don helmet.
6. Don gloves.
7. Doff Turnout Gear/PPE

1st. Att. 2nd Att. [Y N Y N]

PERFORMANCE RATING ON THIS SKILL: PASS FAIL

Evaluator Comments: _______________________________________________________

Evaluator #1: __________________________
(Please Print)

Evaluator #2: __________________________
(Please Print)

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Candidate’s Signature: __________________________
PERFORMING DEFENSIVE CONTROL ACTIONS

Skill 12: Demonstrate stopping product release by closing remote valves.

CONDITION: Given a simulated spill from a tank, remote valve, and 2-firefighter team.
PPE: Minimum Firefighter Turnouts, SCBA.
*PPE donned before skill begins.

APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:

<table>
<thead>
<tr>
<th>Competency</th>
<th>1st Att.</th>
<th>2nd Att.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Confirm location of remote valve.</td>
<td>Y N</td>
<td>Y N</td>
</tr>
<tr>
<td>2. Approach valve location staying out of product.</td>
<td>Y N</td>
<td>Y N</td>
</tr>
<tr>
<td>3. Open or close valve.</td>
<td>Y N</td>
<td>Y N</td>
</tr>
<tr>
<td>4. Exit area maintaining team integrity.</td>
<td>Y N</td>
<td>Y N</td>
</tr>
</tbody>
</table>

PERFORMANCE RATING ON THIS SKILL: PASS FAIL
First Attempt
Second Attempt

Evaluator Comments: ____________________________________________________________

Evaluator #1: __________________________________________________________
(Please Print)

Evaluator #2: _____________________________________________________________
(Please Print)

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Candidate's Signature: _____________________________________________________
PERFORMING DEFENSIVE CONTROL ACTIONS

Skill 13: Demonstrate use of unmanned master stream (300 gpm or greater) for vapor suppression or dispersion.

CONDITION: Given a simulated spill, water supply, appliance, 100 ft. 2 1/2" hose, and 2-person team. PPE: Minimum Firefighter Turnouts, SCBA. *PPE donned before skill begins.

APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:

<table>
<thead>
<tr>
<th>1st. Att.</th>
<th>2nd Att.</th>
<th>Y</th>
<th>N</th>
<th>Y</th>
<th>N</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Determine system is set up correctly.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Signal for water.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Adjust stream of appliance.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Flow until evaluator is satisfied.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

PERFORMANCE RATING ON THIS SKILL: PASS FAIL

First Attempt

Second Attempt

Evaluator Comments: ____________________________________________

Evaluator #1: ______________________________________________

(Please Print)

Evaluator #2: ______________________________________________

(Please Print)

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Candidate's Signature: ________________________________________
PERFORMING DEFENSIVE CONTROL ACTIONS

Skill 14: Demonstrate the use of a hoseline to dilute or dispersion vapors on a hazardous materials spill.

CONDITION: Given a simulated spill, minimum 1 ¾” attack line, fire apparatus or water supply, 3-person team.
PPE: Minimum Firefighter Turnouts, SCBA.
*PPE donned before skill begins.

APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:

<table>
<thead>
<tr>
<th>Competency Description</th>
<th>1st. Att.</th>
<th>2nd Att.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Extend hoseline, open nozzle to bleed air.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Determine direction of water stream.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Use hose stream to direct product or vapors</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Work upstream of product</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5. Two personnel to operate hoseline, one person to act as safety</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

PERFORMANCE RATING ON THIS SKILL: PASS FAIL

Evaluator Comments: ________________________________________________________

Evaluator #1: ___________________________________________________________
(Please Print)

Evaluator #2: ___________________________________________________________
(Please Print)

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Candidate’s Signature: ____________________________________________
PERFORMING DEFENSIVE CONTROL ACTIONS

Skill 15: Demonstrate the proper application of fire fighting foam on a simulated hazardous materials spill of fire.

CONDITION: Given a simulated spill (36 sq. ft.), foam application system (apparatus or foam extinguisher). PPE: Minimum Firefighter Turnouts, SCBA. *PPE donned before skill begins.

APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:

1. Approach spill upwind and upgrade. 1st Att. 2nd Att.
2. Demonstrate proper application techniques.
3. Do not direct stream directly into pool.
4. Deflect foam off solid surface or "rain" onto surface.

PERFORMANCE RATING ON THIS SKILL: PASS FAIL

First Attempt
Second Attempt

Evaluator Comments: ____________________________________________________________

Evaluator #1: ________________________________
(Please Print)

Evaluator #2: ________________________________
(Please Print)

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Candidate's Signature: __________________________________________________________
PERFORMING DEFENSIVE CONTROL ACTIONS

Skill 16: Demonstrate construction of a dike to divert a spill.

CONDITION: Given a simulated moving spill, sand or dirt, shovels, plastic, 3-firefighter team.
PPE: Minimum Firefighter Turnouts, SCBA.
*PPE donned before skill begins.

APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:

<table>
<thead>
<tr>
<th>Competency</th>
<th>1st Att.</th>
<th>2nd Att.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Construct a dike 6 feet long and 6 inches high.</td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>2. Work ahead of spill, out of product.</td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>3. Two personnel build dike and one standby as safety.</td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>4. Divert spill.</td>
<td>Y</td>
<td>N</td>
</tr>
</tbody>
</table>

PERFORMANCE RATING ON THIS SKILL: 

First Attempt
Second Attempt

Evaluator Comments:_________________________________________________________

Evaluator #1:____________________________________________________________
(Please Print)

Evaluator #2:____________________________________________________________
(Please Print)

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Candidate’s Signature:____________________________________________________
PERFORMING DEFENSIVE CONTROL ACTIONS

Skill 17: Demonstrate construction of a simple dam to retain a spill.

CONDITION: Given a simulated spill, sand or dirt, shovels, plastic, 3-firefighter team.
PPE: Minimum Firefighter Turnouts, SCBA. 
*PPE donned before skill begins.

APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:

<table>
<thead>
<tr>
<th>1st. Att.</th>
<th>2nd Att.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>Y</td>
<td>N</td>
</tr>
</tbody>
</table>

1. Construct a dam 6 feet long and 8-12 inches high. 
2. Work ahead of spill, out of product.
3. Two personnel build dike and one standby as safety.
4. Retain spill.

PERFORMANCE RATING ON THIS SKILL: PASS FAIL

First Attempt
Second Attempt

Evaluator Comments: ____________________________________________

Evaluator #1: ________________________________________________
(Please Print)

Evaluator #2: ________________________________________________
(Please Print)

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Candidate's Signature: _______________________________________
PERFORMING DEFENSIVE CONTROL ACTIONS

Skill 18: Demonstrate the use of absorbent material to control a spill of a hazardous material.

CONDITION: Given a simulated spill, absorbent pad or other material, shovels, plastic, 3-firefighter team.
PPE: Minimum Firefighter Turnouts, SCBA.
*PPE donned before skill begins.

APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:

<table>
<thead>
<tr>
<th>Competency</th>
<th>1st. Att.</th>
<th>2nd Att.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Retain spill by putting absorbent materials in place.</td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>2. Work ahead of spill, out of product.</td>
<td>N</td>
<td>Y</td>
</tr>
<tr>
<td>3. Two personnel build a dike and one standby as safety.</td>
<td>Y</td>
<td>N</td>
</tr>
</tbody>
</table>

PERFORMANCE RATING ON THIS SKILL:

<table>
<thead>
<tr>
<th>First Attempt</th>
<th>Second Attempt</th>
</tr>
</thead>
<tbody>
<tr>
<td>PASS</td>
<td>FAIL</td>
</tr>
</tbody>
</table>

Evaluator Comments: ________________________________

Evaluator #1: ________________________________
(Please Print)

Evaluator #2: ________________________________
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