



New Hampshire Department of Safety
Division of Fire Standards and Training and Emergency Medical Services
33 Hazen Drive, Concord, NH 03305 1-800-371-4503 or 603-223-4200 FAX: 603-271-1091

FIRE STANDARDS AND TRAINING COMMISSION

CURRICULUM DEVELOPMENT AND APPROVAL GUIDE

Hazardous Materials Decontamination **NFPA 1072 6.2, 6.3, 6.4**

Approved by the New Hampshire Fire Standards and Training Commission

Commission Approval

Date:

INTRODUCTION:

One of the tasks the New Hampshire Fire Standards and Training Commission is responsible for, is the approval curricula for firefighters throughout the state to be trained in. To accomplish this portion of their mission the Commission establishes a Visiting Committee who is charged with recommending new curricula, or updating existing certification programs, to present to the Commission for approval and adoption.

SCOPE:

This procedure shall apply to all Visiting Committees appointed by the Fire Standards and Training Commission.

PROCEDURE:

- I. Once appointed, the Visiting Committee shall be charged with choosing a pre-packaged (“canned”) program. The committee may alter the program slightly to meet the needs of the Commission and the Division. However, the altered curriculum must continue to meet the appropriate NFPA referenced standard, and must continue to resemble the original, pre-packaged program.
- II. Once a Commission Representative has been appointed and the Division shall assign a uniform staff member to represent the Division on said committee. It shall be the responsibility of the Division Staff Representative to lead and assist the Visiting Committee in choosing or developing the curricula to be taught.
- III. With help of the Visiting Committee, the Division shall be responsible for formulating module lesson plans, presentation outlines, and job performance requirements and be consistent with Fire Part 402.03. It is not the responsibility of the committee to choose instructors or design quizzes and exams. However, members of the visiting committee are required to assist in locally validating question banks which will be utilized in creating the certification exams.
- IV. Once a curriculum package is selected an all necessary documentation is completed, it shall present to the full Commission for a preliminary approval. Once a preliminary approval has been granted, two public hearings (one in the day and one in the evening) shall be hold in conjunction with a 60 day written comment period. All pertinent documentation shall be posted on the Division’s website and notification of the comment period shall be distributed. Additionally, if ProBoard approval is required, it shall be done simultaneously with the public comment period.
- V. Upon completion of the public comment period and approval, if applicable, from ProBoard, the final curriculum and public comments shall be brought forward to the full Commission for final approval.
- VI. That shall be a program review and report back to the full Commission after the completion of a minimum of two deliveries or a period of one year after the approval.

Curriculum Information Sheet

Name of Certification:
(including NFPA Standard)

Hazardous Materials Decontamination
NFPA Standards #: 1072 Edition Date: 2017 Next Edition: 2022

Type of Certificate:

NH Certification: X Pro-Board Certified
Certificate of Attendance:

Curriculum Committee Approval

FST Commission Meeting
Date: December 7, 2017

Proboard/Certification requirements:

Please attached all job sheets and NFPA matrix

Question bank validation: Yes
Number of exam questions: 25
Job Sheets updated and formatted:
NFPA Matrix:

Reference Material for Students:
Include edition numbers

IFSTA Hazardous Materials for First Responders 5th Ed.
Modularized for chapters 7, 9 & 10

Class Size:

Min: 12 Max: 24 **Number of Hours:** 16

Module Breakdown:

Decon & PPE Classroom Hours: 4
PPE Dressout/Practical Hours: 4
Decon Practical Hours: 8
Hours:

Prerequisites:

PPE/SCBA Module
Hazardous Materials Awareness
Hazardous Materials Operations

Requirements for Testing:

Successful completion of all required skills and attendance

What type of factor determines successful completion:

Successfully pass written exam

Attach sample schedule of proposed training program:

Yes X No

Attach roster of all visiting committee members

Yes X No

Public Hearing Dates

Daytime: Evening:

60 day comment period window

Please attach all public comment material to this document

Preliminary Commission Approval

Date:

Please attach the following:

- ProBoard Test matrix
- Test stations
- Practical exam testing explanation
- Sample schedule
- Visiting Committee members



New Hampshire Fire Standards & Training Commission - Pilot Program Checklist

PROGRAM:

- Has met curriculum approval flow chart
- Is NEW in its entirety
- Is a certification class /description of written and practical sheets
- Meets NFPA Standards
- Is an update of an existing class
- Is a non-certification class
- No applicable standards available
- Pre-Requisites
- Terminal performance objectives/competency profiles

STUDENTS:

- Maximum # _____ Minimum # _____
- Student/Instructor Ratio _____:
- Enough to run class? too few-cost prohibitive _____
too few for practical evolutions _____

INSTRUCTORS:

- Enough to run class _____ y/n _____
- Need to do curriculum review
- Need to do complete Train the Trainer

CURRICULUM:

- Readily available
- Purchased, ordered, and available in time
- Developed curriculum, editing, and reprinting available in time
- General content of each subject area
- Required number of hours

EQUIPMENT:

- All tools, equipment, apparatus, and props are presently available
- Additional tools, equipment, apparatus, and props are needed

LOCATION:

- Deliverable at NHFA only
- Deliverable at NHFA and in the field
- Deliverable in the field only
- Location requirements: _____

EVALUATIONS:

Students:

- Briefed in importance of evaluations
- Set up by modules
- Set up by class days
- Other: _____

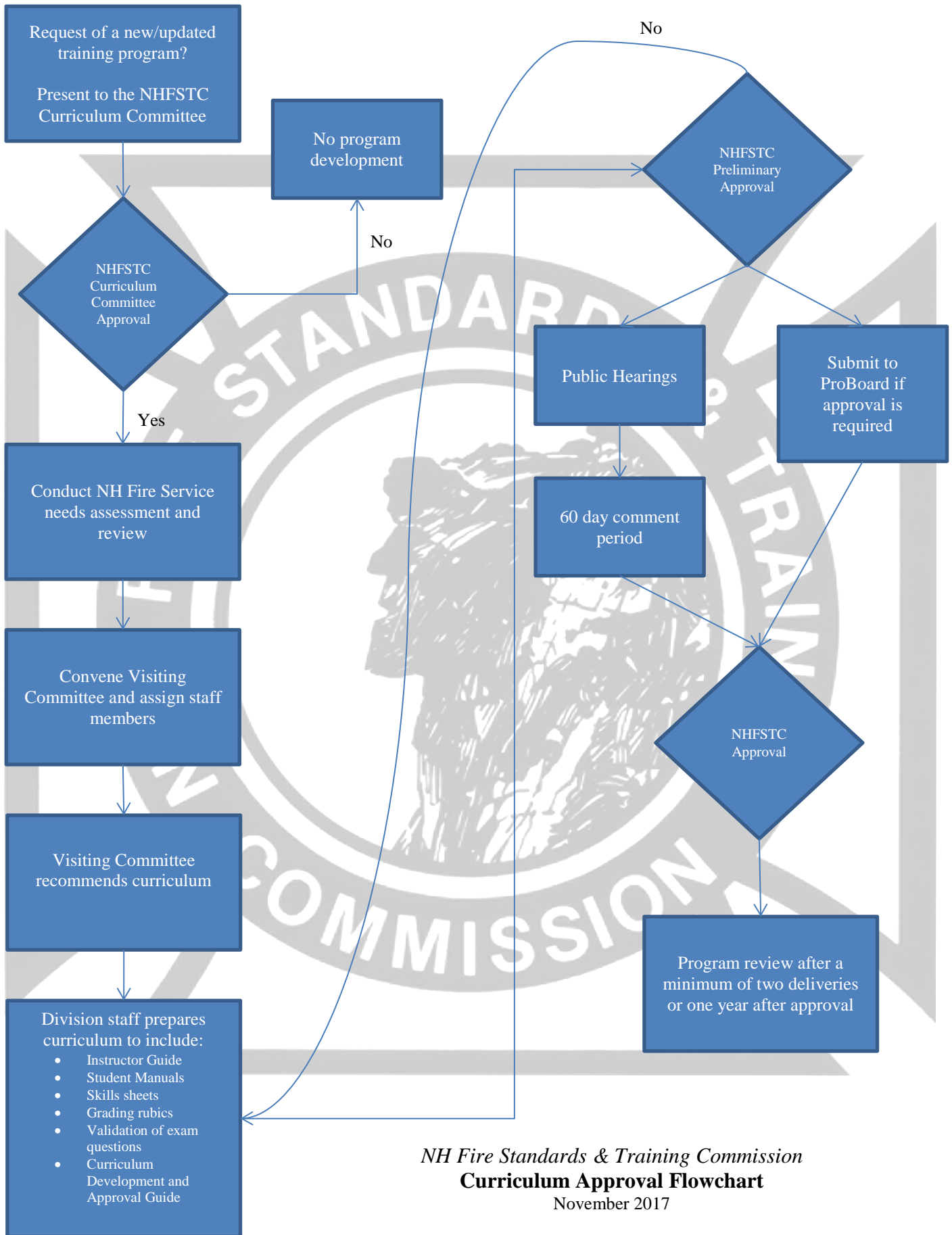
Instructors:

- Reviewed students evaluations
- Met to discuss concerns – round table
- 1st Pilot class reviewed before 2nd Pilot
- By Staff
- By Commission

- Written comments on back

NOTES:

EXPLAIN ALL PROBLEM AREAS



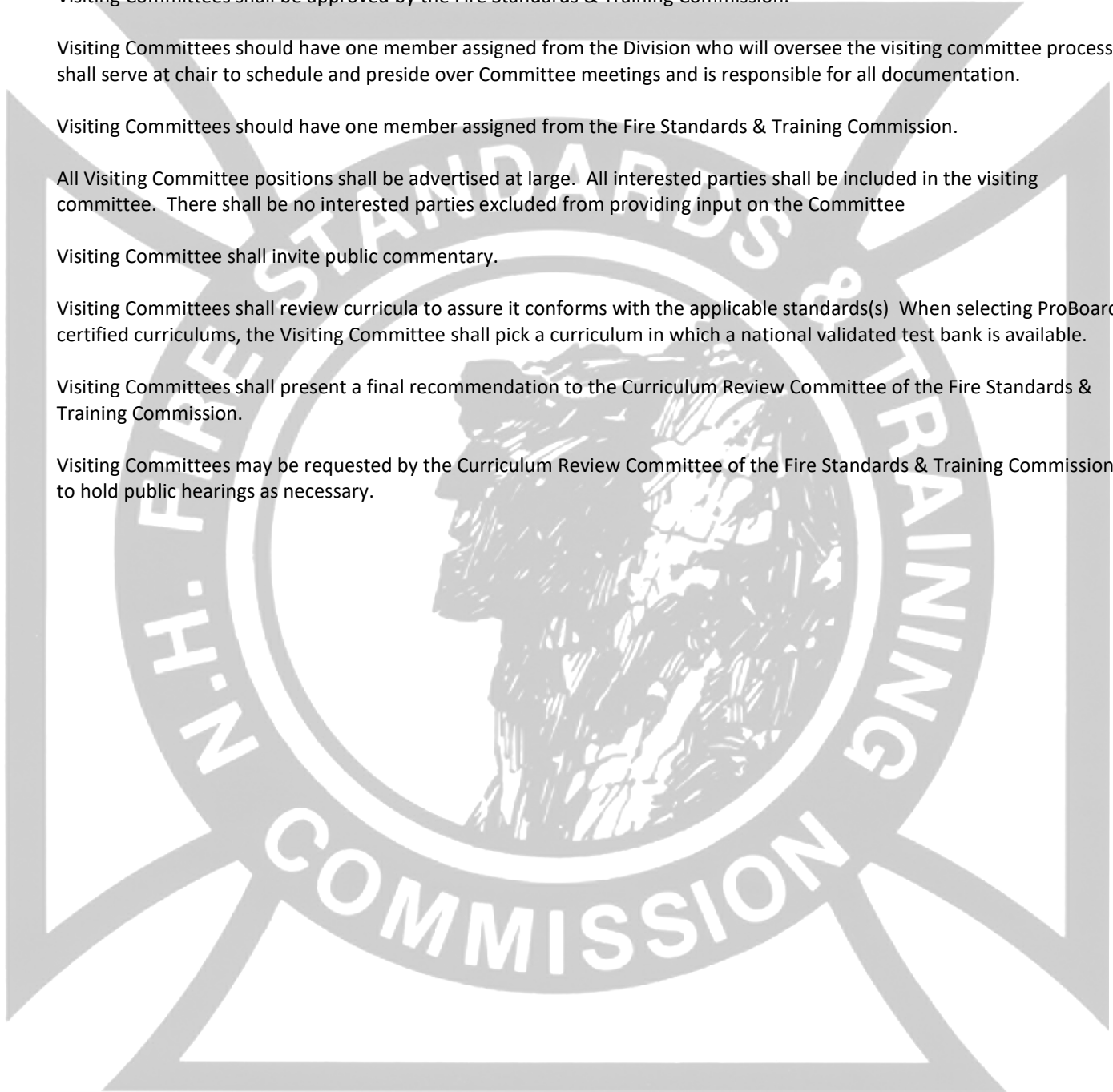
NH Fire Standards & Training Commission
Curriculum Approval Flowchart
 November 2017

NEW HAMPSHIRE FIRE STANDARDS & TRAINING COMMISSION

VISITING COMMITTEE PROTOCOL

March 2002

1. Visiting Committees shall be approved by the Fire Standards & Training Commission.
2. Visiting Committees should have one member assigned from the Division who will oversee the visiting committee process shall serve at chair to schedule and preside over Committee meetings and is responsible for all documentation.
3. Visiting Committees should have one member assigned from the Fire Standards & Training Commission.
4. All Visiting Committee positions shall be advertised at large. All interested parties shall be included in the visiting committee. There shall be no interested parties excluded from providing input on the Committee
5. Visiting Committee shall invite public commentary.
6. Visiting Committees shall review curricula to assure it conforms with the applicable standards(s) When selecting ProBoard certified curriculums, the Visiting Committee shall pick a curriculum in which a national validated test bank is available.
7. Visiting Committees shall present a final recommendation to the Curriculum Review Committee of the Fire Standards & Training Commission.
8. Visiting Committees may be requested by the Curriculum Review Committee of the Fire Standards & Training Commission to hold public hearings as necessary.



Hazardous Materials Decontamination – Visiting Committee

Program Coordinator:

Jeffrey Allison

Initial Interest Members:

Bill Allen
Colin Shea
Bob Field
Michael Clark
Tony Manning
Patricia Stamas
Tim Joubert
Guy Newbury

Meeting Attendees:

Colin Shea
Bob Field
Tim Joubert
Guy Newbury
Jeffrey Allison

Validation Members:

Jeffrey Allison
Guy Newbury
Bob Field
John Keller
Scott Cathy

Curriculum Selection Meeting Dates:

January 18, 2018
February 22, 2018
March 23, 2018

Validation Sessions:

March 27, 2018
March 28, 2018

Hazardous Materials Decontamination – Recommended Schedule

Text & Curriculum: IFSTA Hazardous Materials for First Responders 5th Ed.

Module 1 – 4hrs: Response Objectives, PPE, Decon Classroom

- Chapter 7 – Cognitive Instruction (Amended Instruction)
- Chapter 9 – Cognitive Instruction
- Chapter 10 – Cognitive Instruction

Module 2 – 4hrs: PPE Practical

- Chapter 9 – Skill Evaluations
 - 9-1 Selecting PPE
 - 9-2 Don, work in, doff structural fire fighting PPE
 - 9-3 Don, work in, doff a Level C ensemble
 - 9-4 Don, work in, doff a Liquid Splash-protective clothing
 - 9-5 Don, work in, doff vapor-protective clothing

Module 3 – 8hrs: Decon Practical

- Chapter 10- Skill Evaluations
 - 10-1 Perform Gross Decon
 - 10-2 Perform Emergency Decon
 - 10-3 Perform Technical Decon on ambulatory people
 - 10-4 Perform Technical Decon on non-ambulatory victims
 - 10-5 Perform Mass Decon on ambulatory people
 - 10-6 Perform Mass Decon on non-ambulatory victims

Skill Sheet 9-1

Objective 7 Select appropriate PPE to address a hazardous materials scenario.
[NFPA 1072, 5.4.1, 6.2.1 6.3.1, 6.4.1, 6.5.1, 6.6.1, 6.7.1, 6.8.1, 6.9.1]

Student Name: _____ **Date:** _____

Directions

For this skills evaluation checklist, students will select appropriate PPE to address a hazardous materials scenario.

Always follow manufacturer’s recommendations and local standard operating procedures (SOPs) when performing all skills.

Resources

- A hazardous materials incident scenario
- A mission-specific assignment in an IAP that requires use of PPE
- The scope of the problem
- Response objectives and action options for the incident scenario
- Access to a hazardous materials technician, an allied allied professional, an emergency response plan, or standard operating procedures
- Policies and procedures
- List of approved PPE

Criteria & Evaluation Comments

Criteria (determined by the AHJ)

After the candidate has completed the skill sheet, write comments below.

Evaluator/Candidate Comments

Pass

Fail

Evaluator Signature

Date

Student Signature

Date

Skill Sheet 9-1 Evaluation Checklist

WARNING: If this skill involves the use of actual hazardous material samples, hazardous materials can cause serious injury or fatality. Appropriate personal protective equipment (PPE) must be worn and safety precautions must be followed. The following skill sheet demonstrates general steps; specific hazmat incidents may differ in procedure. Always follow AHJ's procedures for specific incidents.

Objective 7 Select appropriate PPE to address a hazardous materials scenario.
[NFPA 1072, 5.4.1, 6.2.1, 6.3.1, 6.4.1, 6.5.1, 6.6.1, 6.7.1, 6.8.1, 6.9.1]

Task Steps		Yes	No
1.	Determine hazards.		
2.	Select an appropriate PPE ensemble for the mission-specific assignment.		

Skill Sheet 9-2

Objective 8 Don, work in, and doff structural fire fighting personal protective equipment. *[NFPA 1072, 5.4.1, 6.2.1, 6.3.1, 6.4.1, 6.5.1, 6.6.1, 6.7.1, 6.8.1, 6.9.1]*

Student Name: _____ **Date:** _____

Directions

For this skills evaluation checklist, students will don, work in, and doff structural fire fighting personal protective equipment.

Always follow manufacturer’s recommendations and local standard operating procedures (SOPs) when performing all skills.

Resources

- Structural fire fighting PPE
- Decontamination equipment
- SCBA

Criteria & Evaluation Comments

Criteria (determined by the AHJ)

After the candidate has completed the skill sheet, write comments below.

Evaluator/Candidate Comments

Pass

Fail

Evaluator Signature

Date

Student Signature

Date

Skill Sheet 9-2 Evaluation Checklist

WARNING: If this skill involves the use of actual hazardous material samples, hazardous materials can cause serious injury or fatality. Appropriate personal protective equipment (PPE) must be worn and safety precautions must be followed. The following skill sheet demonstrates general steps; specific hazmat incidents may differ in procedure. Always follow AHJ's procedures for specific incidents.

Objective 8 Don, work in, and doff structural fire fighting personal protective equipment. *[NFPA 1072, 5.4.1, 6.2.1, 6.3.1, 6.4.1, 6.5.1, 6.6.1, 6.7.1, 6.8.1, 6.9.1]*

Task Steps		Yes	No
1.	Perform a visual inspection of PPE and SCBA for damage or defects.		
2.	Don protective trousers and boots.		
3.	Don protective hood, pulling hood down around neck and exposing head.		
4.	Don protective coat.		
5.	Don SCBA. Ensure that the cylinder valve is fully open and that all straps are secured.		
6.	Don SCBA facepiece and ensure a proper fit and seal.		
7.	Pull hood up completely so that facepiece straps and skin are not exposed.		
8.	Don helmet and secure.		
9.	Don inner gloves.		
10.	Don gloves.		
11.	Ensure that all fasteners, straps, buckles, etc., are fastened.		
12.	Ensure that skin is not exposed.		
13.	Attach SCBA regulator to facepiece and make sure SCBA is functioning properly.		
14.	Perform preentry checks according to AHJ's SOPs.		
15.	Perform work assignment.		

16.	Undergo decontamination per AHJ's SOPs.		
17.	Doff PPE in reverse order according to AHJ's SOPs, avoiding contact with outer ensemble or surfaces that may be contaminated.		
18.	Conduct a post-entry inspection of PPE for damage or defects according to AHJ's SOPs and document finding.		

Skill Sheet 9-3

Objective 9 Don, work in, and doff a Level C ensemble. *[NFPA 1072, 5.4.1, 6.2.1, 6.3.1, 6.4.1, 6.5.1, 6.6.1, 6.7.1, 6.8.1, 6.9.1]*

Student Name: _____ **Date:** _____

Directions

For this skills evaluation checklist, students will don, work in, and doff a Level C ensemble.

Always follow manufacturer’s recommendations and local standard operating procedures (SOPs) when performing all skills.

Resources

- Level C ensemble
- Decontamination equipment
- Respirator

Criteria & Evaluation Comments

Criteria (determined by the AHJ)

After the candidate has completed the skill sheet, write comments below.

Evaluator/Candidate Comments

Pass

Fail

Evaluator Signature

Date

Student Signature

Date

Skill Sheet 9-3 Evaluation Checklist

WARNING: If this skill involves the use of actual hazardous material samples, hazardous materials can cause serious injury or fatality. Appropriate personal protective equipment (PPE) must be worn and safety precautions must be followed. The following skill sheet demonstrates general steps; specific hazmat incidents may differ in procedure. Always follow AHJ's procedures for specific incidents.

Objective # Don, work in, and doff a Level C ensemble. *[NFPA 1072, 5.4.1, 6.2.1, 6.3.1, 6.4.1, 6.5.1, 6.6.1, 6.7.1, 6.8.1, 6.9.1]*

Task Steps		Yes	No
NOTE: If using a PAPR, these steps will need to be modified according to AHJ's SOPs.			
1.	Perform a visual inspection of PPE for damage or defects.		
2.	Don Level C PPE and secure closures.		
3.	Don work boots.		
4.	Pull ensemble leg opening over the top of the work boots.		
5.	Don respirator.		
6.	Pull ensemble hood up completely so that facepiece straps and skin are not exposed.		
7.	Don inner protective gloves.		
8.	Don outer protective gloves.		
9.	Pull ensemble sleeves over the outside of the gloves. NOTE: Tape wrists and gaps if required by SOPs.		
10.	Breathe through respirator and ensure that respirator is functioning properly. NOTE: Don protective headgear per SOPs.		
11.	Perform preentry checks as per AHJ's SOPs.		
12.	Perform work assignment.		
13.	After assignment has been performed, proceed to decontamination line.		
14.	Undergo decontamination as per AHJ's SOPs.		

15.	Doff ensemble according to AHJ's SOPs, avoiding contact with outer ensemble or surfaces that may be contaminated.		
16.	Doff respirator according to AHJ's SOPs.		
17.	Conduct a post-entry inspection of PPE for damage or defects according to AHJ's SOPs and document findings.		
18.	Return to proper storage as per manufacturer's instructions.		

Skill Sheet 9-4

Objective 10 Don, work in, and doff liquid splash-protective clothing. *[NFPA 1072, 5.4.1, 6.2.1, 6.3.1, 6.4.1, 6.5.1, 6.6.1, 6.7.1, 6.8.1, 6.9.1]*

Student Name: _____ **Date:** _____

Directions

For this skills evaluation checklist, students will don, work in, and doff liquid splash-protective clothing.

Always follow manufacturer's recommendations and local standard operating procedures (SOPs) when performing all skills.

Resources

- Liquid splash-protective ensemble
- Decontamination equipment
- SCBA

Criteria & Evaluation Comments

Criteria (determined by the AHJ)

After the candidate has completed the skill sheet, write comments below.

Evaluator/Candidate Comments

Pass

Fail

Evaluator Signature

Date

Student Signature

Date

Skill Sheet 9-4 Evaluation Checklist

WARNING: If this skill involves the use of actual hazardous material samples, hazardous materials can cause serious injury or fatality. Appropriate personal protective equipment (PPE) must be worn and safety precautions must be followed. The following skill sheet demonstrates general steps; specific hazmat incidents may differ in procedure. Always follow AHJ's procedures for specific incidents.

Objective 10 Don, work in, and doff liquid splash-protective clothing. *[NFPA 1072, 5.4.1, 6.2.1, 6.3.1, 6.4.1, 6.5.1, 6.6.1, 6.7.1, 6.8.1, 6.9.1]*

Task Steps		Yes	No
NOTE: If using an encapsulating ensemble, these steps will need to be modified according to AHJ's SOPs.			
1.	Perform a visual inspection of PPE and SCBA for damage or defects.		
2.	Don liquid-splash PPE and secure closures.		
3.	Don work boots according to AHJ's SOPs.		
4.	Don the SCBA according to AHJ's SOPs.		
5.	Don SCBA facepiece and ensure a proper fit and seal.		
6.	Pull ensemble hood up completely so that facepiece straps and skin are not exposed.		
7.	Don protective headgear (if required by AHJ).		
8.	Don inner protective gloves.		
9.	Don outer protective gloves. NOTE: Tape wrists and gaps per SOPs.		
10.	Attach SCBA regulator to facepiece and ensure proper operation.		
11.	Perform preentry checks according to AHJ's SOPs.		
12.	Perform work assignment.		
13.	Undergo decontamination as per AHJ's SOPs.		
14.	To doff, remove PPE in reverse order of donning.		
15.	Ensure medical monitoring is performed as per AHJ's SOPs.		
16.	Conduct a post-entry inspection of PPE for damage or defects according to AHJ's SOPs and document findings.		

17.	Return to proper storage as per manufacturer's instructions.		
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Skill Sheet 9-5

Objective 11 Don, work in, and doff vapor-protective clothing. *[NFPA 1072, 5.4.1, 6.2.1, 6.3.1, 6.4.1, 6.5.1, 6.6.1, 6.7.1, 6.8.1, 6.9.1]*

Student Name: _____ **Date:** _____

Directions

For this skills evaluation checklist, students will don, work in, and doff vapor-protective clothing.

Always follow manufacturer's recommendations and local standard operating procedures (SOPs) when performing all skills.

Resources

- Vapor-protective ensemble
- Decontamination equipment
- SCBA

Criteria & Evaluation Comments

Criteria (determined by the AHJ)

After the candidate has completed the skill sheet, write comments below.

Evaluator/Candidate Comments

Pass

Fail

Evaluator Signature

Date

Student Signature

Date

Skill Sheet 9-5 Evaluation Checklist

WARNING: If this skill involves the use of actual hazardous material samples, hazardous materials can cause serious injury or fatality. Appropriate personal protective equipment (PPE) must be worn and safety precautions must be followed. The following skill sheet demonstrates general steps; specific hazmat incidents may differ in procedure. Always follow AHJ's procedures for specific incidents.

Objective 11 Don, work in, and doff vapor-protective clothing. *[NFPA 1072, 5.4.1, 6.2.1, 6.3.1, 6.4.1, 6.5.1, 6.6.1, 6.7.1, 6.8.1, 6.9.1]*

Task Steps		Yes	No
1.	Perform a visual inspection of PPE and SCBA for damage or defects.		
2.	Ensure the ensemble is the correct size.		
3.	Ensure zipper is in good working order.		
4.	Remove shoes, belts, and any objects that could damage ensemble.		
5.	Don ensemble according to AHJ's SOPs.		
6.	Don the SCBA according to AHJ's SOPs.		
7.	Turn on air supply, don SCBA facepiece, check seal, and breathe normally to ensure SCBA operates properly.		
8.	Don protective headgear (if required by AHJ).		
9.	Don outer protective gloves.		
10.	Perform preentry checks according to AHJ's SOPs.		
11.	Perform work assignment.		
12.	Undergo decontamination as per AHJ's SOPs.		
13.	To doff, remove PPE in reverse order of donning.		
14.	Ensure medical monitoring is performed as per AHJ's SOPs.		
15.	Conduct a post-entry inspection of PPE for damage or defects according to AHJ's SOPs and document findings.		
16.	Return to proper storage as per manufacturer's instructions.		

Skill Sheet 10-1

Objective 11 Perform gross decontamination. *[NFPA 1072, 5.4.1]*

Student Name: _____

Date: _____

Directions

For this skills evaluation checklist, students will perform gross decontamination.

Always follow manufacturer's recommendations and local standard operating procedures (SOPs) when performing all skills. Responders must properly wear appropriate PPE when performing this skill.

Resources

- Appropriate personal protective equipment (PPE)
- Approved tools and equipment
- Approved container for contaminated PPE
- Approved container for contaminated tools and equipment
- Hygienic wipes
- Soap and showering facilities
- Approved washing machines for PPE

Criteria & Evaluation Comments

Criteria (determined by the AHJ)

After the candidate has completed the skill sheet, write comments below.

Evaluator/Candidate Comments

Pass

Fail

Evaluator Signature

Date

Student Signature

Date

Skill Sheet 10-1 Evaluation Checklist

WARNING: If this skill involves the use of actual hazardous material samples, hazardous materials can cause serious injury or fatality. Appropriate personal protective equipment (PPE) must be worn and safety precautions must be followed. The following skill sheet demonstrates general steps; specific hazmat incidents may differ in procedure. Always follow AHJ's procedures for specific incidents.

Objective 11 Perform gross decontamination. *[NFPA 1072, 5.4.1]*

Task Steps		Yes	No
On Scene			
1.	Isolate contaminated tools and equipment according to SOP/Gs.		
2.	Conduct decontamination of tools and equipment according to SOP/Gs.		
3.	Wash and/or isolate PPE according to SOP/Gs, doffing as appropriate.		
4.	Use hygienic wipes to wipe potential contaminants from face, head, neck, and hands.		
In Quarters			
7.	Shower thoroughly using soap and water.		
8.	Clean PPE according to SOP/Gs.		
9.	Inspect and maintain PPE according to manufacturer's recommendations.		
10.	Store PPE outside of living and sleeping quarters.		
11.	Complete required reports and supporting documentation.		

Skill Sheet 10-2

Objective 12 Perform emergency decontamination. *[NFPA 1072, 5.5.1]*

Student Name: _____

Date: _____

Directions

For this skills evaluation checklist, students will perform emergency decontamination.

Always follow manufacturer's recommendations and local standard operating procedures (SOPs) when performing all skills. Responders must properly wear appropriate PPE when performing this skill.

Resources

- Appropriate personal protective equipment (PPE)
- Disposable clothing or PPE
- Water supply
- Rescue mannequin
- Charged hoseline

Criteria & Evaluation Comments

Criteria (determined by the AHJ)

After the candidate has completed the skill sheet, write comments below.

Evaluator/Candidate Comments

Pass

Fail

Evaluator Signature

Date

Student Signature

Date

Skill Sheet 10-2 Evaluation Checklist

WARNING: If this skill involves the use of actual hazardous material samples, hazardous materials can cause serious injury or fatality. Appropriate personal protective equipment (PPE) must be worn and safety precautions must be followed. The following skill sheet demonstrates general steps; specific hazmat incidents may differ in procedure. Always follow AHJ's procedures for specific incidents.

Objective 12 Perform emergency decontamination. *[NFPA 1072, 5.5.1]*

Task Steps		Yes	No
1.	Ensure that all responders involved in decontamination operations are wearing appropriate PPE for performing emergency decontamination operations.		
2.	Remove the victim from the contaminated area.		
3.	Ensure emergency decontamination is set up in a safe area.		
4.	Wash immediately any contaminated clothing or exposed body parts with flooding quantities of water.		
5.	Remove mannequin PPE/clothing rapidly, minimizing the spread of contaminants.		
6.	Perform a quick cycle of head-to-toe rinse, wash, and rinse.		
7.	Transfer the victim to treatment personnel for assessment, first aid, and medical treatment.		
8.	Ensure that ambulance and hospital personnel are told about the contaminant involved.		
9.	Complete required reports and supporting documentation.		

Skill Sheet 10-3

Objective 13 Perform technical decontamination on ambulatory people. *[NFPA 1072, 6.4.1]*

Student Name: _____

Date: _____

Directions

For this skills evaluation checklist, students will perform technical decontamination on ambulatory victims.

Always follow manufacturer's recommendations and local standard operating procedures (SOPs) when performing all skills. Responders must properly wear appropriate PPE when performing this skill.

Resources

- Appropriate personal protective equipment (PPE)
- Tarps, salvage covers, or plastic sheeting
- Catch bins or wading pools
- Brushes, scrubbing utensils
- Portable sprayers
- Pumps
- Hoses/water supply, hoseline attachments
- Tents
- Bags and tags for personal property or evidence
- Ambulatory "victims"
- Traffic cones, other means of marking corridor entrance
- Buckets, drums, or plastic containers for each drop station
- Large, heavy-duty trash bags
- Soap
- Appropriate monitoring/detection devices
- Portable showers
- Towels
- Clean garments for victims to wear after showering

Criteria & Evaluation Comments

Criteria (determined by the AHJ)

After the candidate has completed the skill sheet, write comments below.

Evaluator/Candidate Comments

Pass

Fail

Evaluator Signature

Date

Student Signature

Date

Skill Sheet 10-3 Evaluation Checklist

WARNING: If this skill involves the use of actual hazardous material samples, hazardous materials can cause serious injury or fatality. Appropriate personal protective equipment (PPE) must be worn and safety precautions must be followed. The following skill sheet demonstrates general steps; specific hazmat incidents may differ in procedure. Always follow AHJ's procedures for specific incidents.

Objective 13 Perform technical decontamination on ambulatory people. *[NFPA 1072, 6.4.1]*

Task Steps		Yes	No
1.	Ensure proper decontamination method has been chosen to minimize hazards.		
2.	Ensure that all responders are wearing appropriate PPE for performing technical decontamination operations.		
3.	Establish technical decontamination corridor for ambulatory decontamination according to the AHJ's SOPs.		
4.	Ensure the decontamination corridor provides privacy.		
5.	Establish an initial triage point to evacuate and direct persons.		
6.	Perform lifesaving intervention if needed.		
7.	If not an emergency provider, instruct victim to remove potentially contaminated clothing and jewelry, ensuring he/she does not come in further contact with contaminants. Emergency responders may drop tools and or equipment.		
8.	Instruct person to undergo gross decontamination.		
9.	Instruct person to undergo secondary decontamination wash. NOTE: Emergency responders undergoing technical decon will doff PPE per SOPs after the secondary decontamination wash.		
10.	Instruct person to enter the privacy station, remove undergarments, and shower and wash thoroughly from the top down. NOTE: Do NOT ask members of the public to remove their clothes to shower unless complete privacy is provided.		
11.	Provide a clean garment for person to wear after showering.		
12.	Monitor for additional contamination using the appropriate detection device.		

	NOTE: If contamination is detected, repeat the decontamination sequence and/or change the decontamination method, as appropriate.		
13.	Direct the person to the medical evaluation station.		
14.	Ensure personnel, tools, and equipment are decontaminated.		
15.	Terminate decontamination operations according to AHJ's policies and procedures.		
16.	Complete required reports and supporting documentation.		

Skill Sheet 10-4

Objective 14 Perform technical decontamination on nonambulatory victims. *[NFPA 1072, 6.4.1]*

Student Name: _____

Date: _____

Directions

For this skills evaluation checklist, students will perform technical decontamination on nonambulatory victims.

Always follow manufacturer's recommendations and local standard operating procedures (SOPs) when performing all skills. Responders must properly wear appropriate PPE when performing this skill.

Resources

- Appropriate personal protective equipment (PPE)
- Tarps, salvage covers, or plastic sheeting
- Catch bins or wading pools
- Brushes, scrubbing utensils
- Portable sprayers
- Soap
- Hoses/water supply, hoseline attachments
- Tents
- Bags and tags for personal property or evidence
- Clean garments for victims to wear after showering
- Backboard or litter
- Nonambulatory "victims"
- Traffic cones, other means of marking corridor entrance
- Buckets, drums, or plastic containers for each drop station
- Large, heavy-duty trash bags
- Pumps
- Appropriate monitoring/detection devices
- Portable showers
- Towels
- Carts or skids
- Equipment to elevate the backboard off the ground (milk crates, chairs, saw horses, etc.)

Criteria & Evaluation Comments

Criteria (determined by the AHJ)

After the candidate has completed the skill sheet, write comments below.

Evaluator/Candidate Comments

Pass

Fail

Evaluator Signature

Date

Student Signature

Date

Skill Sheet 10-4 Evaluation Checklist

WARNING: If this skill involves the use of actual hazardous material samples, hazardous materials can cause serious injury or fatality. Appropriate personal protective equipment (PPE) must be worn and safety precautions must be followed. The following skill sheet demonstrates general steps; specific hazmat incidents may differ in procedure. Always follow AHJ's procedures for specific incidents.

Objective 14 Perform technical decontamination on nonambulatory victims. *[NFPA 1072, 6.4.1]*

Task Steps		Yes	No
1.	Ensure proper decontamination method has been chosen to minimize hazards.		
2.	Ensure that all responders are wearing appropriate PPE for performing technical decontamination operations.		
3.	Establish technical decontamination corridor for nonambulatory decontamination according to the AHJ's SOPs.		
4.	Ensure the decontamination corridor provides privacy for victims.		
5.	Establish an initial triage point to evaluate and direct persons.		
6.	Perform lifesaving intervention if needed.		
7.	Transfer the victim to the nonambulatory wash area of the decontamination station on an appropriate backboard/litter device.		
8.	Remove all PPE/clothing, jewelry, and personal belongings, and place in appropriate containers. Decontaminate items as required, and safeguard. Use plastic bags with labels for identification.		
9.	Carefully undress nonambulatory persons, and avoid spreading the contamination when undressing. Do not touch the outside of the clothing to the skin. NOTE: If biological agents are suspected, a fine water mist can be applied to trap the agent in the clothing and prevent the spread of contamination.		
10.	Completely wash the victim's entire body using handheld hoses, sponges, and/or brushes, and then rinse. NOTE: Clean the victim's genital area, armpits, folds in the skin, and nails with special attention. If conscious, instruct the victim to close his/her mouth and eyes during wash and rinse procedures.		

11.	Transfer the victim from the wash and rinse stations to a drying station after completing the decontamination process. Ensure that the victim is completely dry.		
12.	Monitor for additional contamination using the appropriate detection device. NOTE: If contamination is detected, repeat decontamination wash and/or change decontamination method, as appropriate.		
13.	Have on-scene medical personnel reevaluate the victim's injuries.		
14.	Ensure personnel, tools, and equipment are decontaminated.		
15.	Terminate decontamination operations according to AHJ's policies and procedures.		
16.	Complete required reports and supporting documentation.		

Skill Sheet 10-5

Objective 15 Perform mass decontamination on ambulatory people. *[NFPA 1072, 6.3.1]*

Student Name: _____

Date: _____

Directions

For this skills evaluation checklist, students will perform mass decontamination on ambulatory victims.

Always follow manufacturer's recommendations and local standard operating procedures (SOPs) when performing all skills. Responders must properly wear appropriate PPE when performing this skill.

Resources

- Appropriate personal protective equipment (PPE)
- Charged hoseline with fog pattern nozzle
- Secure container with lid to collect contaminated clothing
- Appropriate monitoring/detection device
- Sponges, brushes
- Fire apparatus
- Ambulatory "victims"
- Bags and tags for personal property or evidence
- Towels
- Disposable garments

Criteria & Evaluation Comments

Criteria (determined by the AHJ)

After the candidate has completed the skill sheet, write comments below.

Evaluator/Candidate Comments

Pass

Fail

Evaluator Signature

Date

Student Signature

Date

Skill Sheet 10-5 Evaluation Checklist

WARNING: If this skill involves the use of actual hazardous material samples, hazardous materials can cause serious injury or fatality. Appropriate personal protective equipment (PPE) must be worn and safety precautions must be followed. The following skill sheet demonstrates general steps; specific hazmat incidents may differ in procedure. Always follow AHJ's procedures for specific incidents.

Objective 15 Perform mass decontamination on ambulatory persons. *[NFPA 1072, 6.3.1]*

Task Steps		Yes	No
1.	Ensure proper decontamination method has been chosen to minimize hazards.		
2.	Ensure that all responders are wearing appropriate PPE for performing mass decontamination operations.		
3.	Ensure decontamination operations are set up in a safe area.		
4.	Ensure the decontamination corridor provides privacy.		
5.	Prepare fire apparatus for use during mass decontamination.		
6.	Set fire nozzle to fog pattern.		
7.	Instruct all people to go through mass decontamination.		
8.	Instruct victims to remove contaminated clothing, ensuring that victims do not come into further contact with any contaminants.		
9.	Instruct victims to keep arms raised as they proceed slowly through the wash area.		
10.	Monitor for additional contamination using the appropriate detection device. NOTE: If contamination is found, instruct victim to go through wash again, as appropriate.		
11.	Instruct victims to move to a clean area to dry off.		
12.	Send victims for medical treatment.		
13.	Inform EMS personnel of contaminant involved and its hazards, if known.		
14.	Ensure personnel, tools, and equipment are decontaminated.		
15.	Terminate decontamination operations according to AHJ's policies		

	and procedures.		
16.	Complete required reports and supporting documentation.		

Skill Sheet 10-6

Objective 16 Perform mass decontamination on nonambulatory victims. *[NFPA 1072, 6.3.1]*

Student Name: _____

Date: _____

Directions

For this skills evaluation checklist, students will perform mass decontamination on nonambulatory victims.

Always follow manufacturer's recommendations and local standard operating procedures (SOPs) when performing all skills. Responders must properly wear appropriate PPE when performing this skill.

Resources

- Appropriate personal protective equipment (PPE)
- Charged hoseline with fog pattern nozzle
- Secure container with lid to collect contaminated clothing
- Appropriate monitoring/detection device
- Sponges, brushes
- Disposable garments
- Fire apparatus
- Nonambulatory "victims"
- Bags and tags for personal property or evidence
- Backboard or litter
- Towels

Criteria & Evaluation Comments

Criteria (determined by the AHJ)

After the candidate has completed the skill sheet, write comments below.

Evaluator/Candidate Comments

Pass

Fail

Evaluator Signature

Date

Student Signature

Date

Skill Sheet 10-6 Evaluation Checklist

WARNING: If this skill involves the use of actual hazardous material samples, hazardous materials can cause serious injury or fatality. Appropriate personal protective equipment (PPE) must be worn and safety precautions must be followed. The following skill sheet demonstrates general steps; specific hazmat incidents may differ in procedure. Always follow AHJ's procedures for specific incidents.

Objective 16 Perform mass decontamination on nonambulatory victims. *[NFPA 1072, 6.3.1]*

Task Steps		Yes	No
1.	Ensure proper decontamination method has been chosen to minimize hazards.		
2.	Ensure that all responders are wearing appropriate PPE for performing mass decontamination operations.		
3.	Establish mass decontamination corridor for nonambulatory decontamination in a safe location and according to the AHJ's SOPs.		
4.	Ensure the decontamination corridor provides privacy for victims.		
5.	Establish an initial triage point to evaluate and direct persons.		
6.	Perform lifesaving intervention if necessary.		
7.	Transfer the victim to the nonambulatory wash area of the decontamination station on an appropriate backboard/litter device.		
8.	Remove all clothing, jewelry, and personal belongings, and place in appropriate containers. Decontaminate as required, and safeguard personal belongings and items. Use plastic bags with labels for identification.		
9.	Carefully undress nonambulatory persons, and avoid spreading the contamination when undressing. Do not touch the outside of the clothing to the skin. NOTE: If biological agents are suspected, a fine water mist can be applied to trap the agent in the clothing and prevent the spread of contamination.		
10.	Completely wash the victim's entire body using handheld hoses, sponges, and/or brushes and then rinse following AHJ's SOPs for safety. NOTE: Clean the victim's genital area, armpits, folds in the skin,		

	and nails with special attention. If conscious, instruct the victim to close his/her mouth and eyes during wash and rinse procedures.		
11.	Transfer the victim from the wash and rinse stations to a drying station after completing the decontamination process. Ensure that the victim is completely dry.		
12.	Monitor for additional contamination using the appropriate detection device. NOTE: If contamination is detected, repeat decontamination wash and/or change decontamination method as appropriate.		
13.	Have on-scene medical personnel reevaluate the victim's injuries.		
14.	Ensure personnel, tools, and equipment are decontaminated.		
15.	Terminate decontamination operations according to AHJ's policies and procedures.		
16.	Complete required reports and supporting documentation.		