Technical Committee on Hazardous Materials Response Personnel
Second Draft Meeting (NFPA 1072 and 475)
January 12-14, 2016

DoubleTree by Hilton Hotel San Antonio Downtown
502 W. Cesar E. Chavez
San Antonio, TX 78207
(210) 224-7155 or (800) HILTONS

Conference Call/Adobe Connect Connections will be provided

Agenda
Tentative: NFPA 1072 will be addressed on January 12-13
Tentative: NFPA 475 will be addressed on January 13-14
Jan 12th-13th from 8:00 am to 5:00 pm (CT)
Jan. 14th from 8:00 am to 12:00 pm (CT)

1. Call to Order - Chair Greg Noll

2. Introduction of Members and Guests

3. Chair’s Brief Remarks and Purpose of Meeting

4. Review of Minutes from Previous Meeting
   a. First Draft Meeting for NFPA 472 and 473 - September 13-14, 2015

5. Committee Procedures - Staff Liaison Tom McGowan
   a. Document Cycle Information
   b. NFPA New Process - Second Draft
      i. TC Actions

6. Report from Tasks Group (as needed)

7. Technical Committee Actions
   a. Review of Public Comments
   b. Second Revisions

8. Other Business
   a. Wednesday, January 13 at 12:00pm is a conference call with Research Foundation Panel – HHFT project – designated members of the TC and RF panel
   b. Wednesday, January 13 at approximately 1:00pm a presentation by University of Texas – Radiation Study Report - Dr. Athey and Captain Theron Proctor (AFD Retired)

9. Adjourn at the Close of Business
NFPA Technical Committee on Hazardous Materials Response Personnel
First Draft Meeting
NFPA 472 and NFPA 473
Double Tree Hilton Hotel, Virginia Beach, VA
September 13 – 14, 2015

0800 – Call to Order Opening Comments

Committee Chairman – Welcome

Introductions of Committee members and guests

Agenda items:

- Discussion of Chapters 3 – 6
- Break out into specific chapters for more in depth look

Review of minutes from previous meeting in St. Petersburg (2/23-26/15)

NFPA Liaison Report

- Tom McGowan Report
  - Cycle Information – Dates for 472/473 – Due 12/14/15
  - Process for first draft

NFPA 472

1. Chapter 1 – Addressed Global Comments
   a. Discussion on slip of cycle due to coordination of documents
2. Chapter 2 – No issues
3. Chapter 3 – Discussed the recommended changes to definitions
4. Chapter 4

Lunch presentation on West Texas and CSB by Manny Ehrlich, US Chemical Safety Board

5. Chapter 5
6. Chapter 6 Completed 6.1, 6.2, 6.3, and 6.6

1700 Adjourned
0730 – Chairman Noll Opened meeting:

Chairman discussed housekeeping issues

NFPA 472 Chapter 6 – Completed all sections

NFPA 472 Chapter 7

Lunch and presentation by Gary Sharp - DH4 Software

Discussion about workload.

Discussion on HHFT possible actions by Technical Committee and path forward

White Paper or standard

Chairman will draft a HHFT strawman.

1700 – Chairman Adjourned meeting.
The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Public Comments for This Document

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<tr>
<th>Related Comment</th>
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<tr>
<td>Public Comment No. 4-NFPA 1072-2015 [Section No. 1.3.5.1]</td>
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<td>Public Comment No. 27-NFPA 1072-2015 [Section No. 3.4.8]</td>
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<tr>
<td>Public Comment No. 28-NFPA 1072-2015 [Section No. 3.4.5]</td>
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Related Item

Public Input No. 110-NFPA 1072-2015 [Section No. 6.9(B)]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
Organization: WALSH AND WALSH ASSOCIATES INC
Affiliation: Public Safety & Military Consultants Division
Street Address: 
City: 
State: 
Zip: 
Submittal Date: Sun Oct 25 17:25:04 EDT 2015
1.1* Scope.

This standard identifies the minimum job performance requirements (JPRs) for personnel at the scene of a hazardous materials/weapons of mass destruction (WMD) Weapons of Mass Effect (WME) Chemical Weapon Agents (CWAs) incident at the following levels: awareness, operations, operations mission-specific, hazardous materials technician, and incident commander.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item

First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
Organization: WALSH AND WALSH ASSOCIATES INC
Affiliation: Public Safety & Military Constants Division
Street Address: 
City: 
State: 
Zip: 
Submittal Date: Mon Nov 02 14:43:42 EST 2015
1.3.5.1

Personnel qualified at the operations level who are assigned mission-specific duties of personal protection equipment (PPE), mass decontamination, technical decontamination, technical neutralization, evidence preservation and sampling, product control, detection, monitoring, and sampling, victim rescue and recovery, and illicit laboratory incidents shall meet all the requirements defined in the applicable subsection within Chapter 6 prior to being qualified.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

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<td>Public Input No. 4-NFPA 1072-2014 [Section No. 5.3(B)]</td>
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</tbody>
</table>

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
Organization: WALSH AND WALSH ASSOCIATES INC
Street Address: 
City: 
State: 
Zip: 
Submittal Date: Fri Oct 23 15:30:37 EDT 2015
3.3.9.8. Chemical Warfare Agents (CWAs)

Toxic chemicals that have been used as chemical weapons, or have been developed for use as chemical weapons. [ASTM E3002-15]

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item
First Revision No. 3-NFPA 1072-2015 [New Section after B.5]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
Organization: WALSH AND WALSH ASSOCIATES INC
Street Address: 
City: 
State: 
Zip: 
Submittal Date: Fri Oct 23 16:34:31 EDT 2015
3.3.14.4* Warm Zone.
The control zone at hazardous materials/weapons of mass destruction (WMD) incidents where personnel and equipment decontamination, chemical neutralization, and hot zone support takes place. [472, 2013]

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item
First Revision No. 3-NFPA 1072-2015 [New Section after B.5]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
Organization: WALSH AND WALSH ASSOCIATES INC
Street Address:
City:
State:
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Submittal Date: Fri Oct 23 16:00:54 EDT 2015
The physical and/or chemical process of reducing, physical removal or chemical neutralization, or both, and preventing the spread of contaminants from people, animals, the environment, or equipment involved at hazardous materials/weapons of mass destruction (WMD) incidents, and to decrease or prevent effects due to a dermal chemical contamination, to include chemical neutralization. [472, 2013]

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item

First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
Organization: WALSH AND WALSH ASSOCIATES INC
Street Address:
City:
State:
Zip:
Submittal Date: Fri Oct 23 16:09:54 EDT 2015
Emergency Decontamination.

The process of immediately reducing contamination of individuals in potentially life-threatening situations with or without the formal establishment of a decontamination corridor, including safe human skin chemical decontamination and neutralization products or systems that can be applied safely by first responders.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item

First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
Organization: WALSH AND WALSH ASSOCIATES INC
Street Address: 
City: 
State: 
Zip: 
Submittal Date: Fri Oct 23 16:19:13 EDT 2015
3.3.16.2* Mass Decontamination.
The physical process of reducing or removing surface contaminants from large numbers of victims in potentially life-threatening situations in the fastest time possible, including safe human skin chemical decontamination and neutralization systems or products that can be applied safely by contaminated first responders. [472, 2013]

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item
First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
Organization: WALSH AND WALSH ASSOCIATES INC
Street Address:  
City:  
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Zip:  
Submittal Date: Fri Oct 23 16:21:16 EDT 2015
# 3.3.21 Emergency Medical Service Officer

The Branch/Division officer in charge of pre-hospital Advanced Life Support (ALS), Basic Life Support (BLS), and First Responder (FR) emergency medical services (EMS) operations.

## Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

**Related Item**

First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

## Submitter Information Verification

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Submittal Date: Fri Oct 23 16:36:11 EDT 2015
Public Comment No. 28-NFPA 1072-2015 [Section No. 3.4.5]

3.4.5 Operations Level Responders Assigned to Perform Mass Decontamination.

Persons, competent at the operations level, who are assigned to implement mass decontamination and chemical neutralization operations at hazardous materials/weapons of mass destruction (WMD) incidents, weapons of mass effect (WME), and chemical weapon agents (CWAs).

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

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<td>Submittal Date: Fri Oct 23 16:56:36 EDT 2015</td>
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3.4.8 Operations Level Responders Assigned to Perform Victim Rescue/Recovery.

Persons, competent at the operations level, who are assigned to rescue and/or recover exposed and contaminated victims at hazardous materials/weapons of mass destruction (WMD) incidents, including person competent to perform pre-hospital Advance Life Support (ALS), Basic Life Support (BLS), and First Responder (FR) emergency medical services (EMS) treatment and transport of victims to hospitals.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

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Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
Organization: WALSH AND WALSH ASSOCIATES INC
Street Address: 
City: 
State: 
Zip: 
Submittal Date: Fri Oct 23 16:55:13 EDT 2015
Public Comment No. 26-NFPA 1072-2015 [ New Section after 3.4.10 ]

Operations Level Responders Assigned to Perform Victim Rescue/Recovery During Hazardous Materials/Weapons of Mass Destruction (WMD) Incidents

Persons, competent at the operations level, who are assigned to rescue and/or recover exposed and contaminated victims at hazardous materials/weapons of mass destruction (WMD), weapons of mass effect (WME), and chemical weapon agents (CWAs) incidents, including person competent to perform pre-hospital Advance Life Support (ALS), Basic Life Support (BLS), and First Responder (FR) emergency medical services (EMS) treatment and transport of victims to hospitals.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item
First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
Organization: WALSH AND WALSH ASSOCIATES INC
Street Address:
City:
State:
Zip:
Submittal Date: Fri Oct 23 16:44:27 EDT 2015
Public Comment No. 112-NFPA 1072-2015 [Section No. 4.2(B)]

(B) Requisite Skills. Recognizing the presence of hazardous materials/WMD; identifying hazardous materials involved; and identifying the potential hazards associated with the material(s) involved, using the ERG or equivalent guide, SDS, and manufacturer, shipper, and carrier documents (including shipping papers) and contacts. (move entirely to requisite knowledge)

Statement of Problem and Substantiation for Public Comment

The listed requisite skills are cognitive in nature and can be tested as requisite knowledge through written-based questioning.

Related Item
First Revision No. 12-NFPA 1072-2015 [Section No. 4.1.2]

Submitter Information Verification

Submitter Full Name: LAWRENCE PRESTON
Organization: MARYLAND FIRE AND RESCUE INSTI
Affiliation: MD Fire and Rescue Institute
Street Address:
City:
State:
Zip:
Submittal Date: Wed Nov 04 10:55:45 EST 2015
(B) Requisite Skills. "Identifying recommended precautions for protecting responders and the public", isolating the hazard area, and denying entry while avoiding or minimizing hazards.

Move the section in quotes to requisite knowledge of the same JPR.

Statement of Problem and Substantiation for Public Comment

The identified section of the requisite skill is cognitive based and can best be tested as requisite knowledge through written-based testing.

Related Item
First Revision No. 12-NFPA 1072-2015 [Section No. 4.1.2]

Submitter Information Verification

Submitter Full Name: LAWRENCE PRESTON
Organization: MARYLAND FIRE AND RESCUE INSTI
Affiliation: MD Fire and Rescue Institute
Street Address:
City:
State:
Zip:
Submittal Date: Wed Nov 04 11:00:23 EST 2015
Requisite Skills. Identifying recommended precautions for protecting responders and the public, isolating the hazard area, and denying entry while avoiding or minimizing hazards, and providing first responder self use decontamination and neutralization products and systems.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item
First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
Organization: WALSH AND WALSH ASSOCIATES INC
Street Address:
City:
State:
Zip:
Submittal Date: Sat Oct 24 12:09:11 EDT 2015
Initiate required notifications at a hazardous materials/WMD/WME/CWAs incident, given a hazardous materials/WMD/WME/CWAs incident, an assignment, policies and procedures, and approved communications equipment, so that the notification process is initiated and the necessary information is communicated. Special notification procedures to notify area hospitals of the hazardous material/WMD/WME/CWAs incident, type of hazardous material/WMD/WME/CWAs, and the possibility of contaminated victims self transporting or converging and presenting to area hospitals.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item
First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
Organization: WALSH AND WALSH ASSOCIATES INC
Street Address:
City:
State:
Zip:
Submittal Date: Sat Oct 24 12:11:56 EDT 2015
5.1.6 General Skills Requirements.

(Reserved) 5.1.6.1. Operational level responders shall have competencies that are specific to response mission to provide self decontamination and/or neutralization products or systems for first responders contaminated with hazardous materials/WMD/WME/CWAs.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item
First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
Organization: WALSH AND WALSH ASSOCIATES INC
Street Address:
City:
State:
Zip:
Submittal Date: Sat Oct 24 12:18:37 EDT 2015


Public Comment No. 114-NFPA 1072-2015 [Section No. 5.2(B)]

(B) * -

**Requisite Skills.** "Identifying container types, materials, location of release, and surrounding conditions at a hazardous materials/WMD incident"; collecting and interpreting hazard information; communicating with pipeline operators or carrier representatives; describing the likely behavior of the hazardous materials or WMD and its container; and "describing the potential hazards, harm, and outcomes associated with that behavior".

The sections in quotes are cognitive in nature and can best be tested as requisite knowledge by written-based questions.

Statement of Problem and Substantiation for Public Comment

The sections identified would be in the requisite knowledge section so that they could be tested by written-based questions.

**Related Item**
First Revision No. 15-NFPA 1072-2015 [Sections 5.1.1, 5.1.2, 5.1.3, 5.1.4]

Submitter Information Verification

**Submitter Full Name:** LAWRENCE PRESTON
**Organization:** MARYLAND FIRE AND RESCUE INSTITUTE
**Affiliation:** MDFire and Rescue Institute
**Street Address:**
**City:**
**State:**
**Zip:**
**Submittal Date:** Wed Nov 04 11:03:41 EST 2015
Public Comment No. 32-NFPA 1072-2015 [Section No. 5.3 [Excluding any Sub-Sections]]

Identify the response options for a hazardous materials/WMD/WME/CWAs incident, given a hazardous materials/WMD/WME/CWAs incident, an assignment, policies and procedures, approved reference sources, and the scope of the problem, so that response objectives, response options, safety precautions, suitability of approved personal protective equipment (PPE) available, decontamination, and neutralization products or systems, and emergency decontamination needs are identified, including pre-hospital Emergency Medical Services (EMS) treatment.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item
First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
Organization: WALSH AND WALSH ASSOCIATES INC
Street Address:
City:
State:
Zip:
Submittal Date: Sat Oct 24 12:29:56 EDT 2015
Public Comment No. 33-NFPA 1072-2015 [ Section No. 5.3(A) ]

(A)*

Requisite Knowledge. Policies and procedures for hazardous materials/WMD/WME/CWAs, incident operations; basic components of an incident action plan (IAP); modes of operation; types of response objectives; types of response options; safety procedures; risk analysis concepts; purpose, advantages, limitations, uses, and operational components of approved PPE to determine if PPE is suitable for the incident conditions; difference between exposure and contamination; contamination types; routes of exposure; methods of contamination; decontamination and neutralization products or systems; and purpose, advantages, and limitations of emergency decontamination.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item
First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
Organization: WALSH AND WALSH ASSOCIATES INC
Street Address: 
City: 
State: 
Zip: 
Submittal Date: Sat Oct 24 12:33:35 EDT 2015
(B)

**Requisite Skills.** Identifying response objectives and response options based on known incident conditions and available resources; identifying whether approved PPE is suitable for the incident conditions; and identifying emergency decontamination needs.

This entire section is cognitive in nature and can best be tested by written-based testing.

**Statement of Problem and Substantiation for Public Comment**

This entire section is cognitive in nature and can best be tested as requisite knowledge using written-based testing.

**Related Item**

First Revision No. 15-NFPA 1072-2015 [Sections 5.1.1, 5.1.2, 5.1.3, 5.1.4]

**Submitter Information Verification**

**Submitter Full Name:** LAWRENCE PRESTON  
**Organization:** MARYLAND FIRE AND RESCUE INSTI  
**Affiliation:** MD Fire and Rescue Institute  
**Street Address:**  
**City:**  
**State:**  
**Zip:**  
**Submittal Date:** Wed Nov 04 11:07:37 EST 2015
Public Comment No. 34-NFPA 1072-2015 [Section No. 5.3(B)]

(B) Requisite Skills. Identifying response objectives and response options based on known incident conditions and available resources; identifying whether approved PPE is suitable for the incident conditions; decontamination and neutralization products or systems; and identifying emergency decontamination and neutralization needs.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item
First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
Organization: WALSH AND WALSH ASSOCIATES INC
Street Address:
City:
State:
Zip:
Submittal Date: Sat Oct 24 12:36:51 EDT 2015
Public Comment No. 35-NFPA 1072-2015 [Section No. 5.4(A)]

(A)*

**Requisite Knowledge.** Scene control procedures; procedures for protective actions, including evacuation and sheltering-in-place; procedures for ensuring coordinated communications between responders and to the public; evidence recognition and preservation procedures; IMS/ICS organization and procedures; capabilities, limitations, inspection, donning, working in, doffing, and maintenance of approved PPE according to manufacturers' specifications and recommendations; signs and first responder self decontamination and neutralization products or systems; signs and symptoms of heat/cold stress; safety precautions when working at hazardous materials/WMD/CWAs incidents; and cleaning, disinfecting, and inspecting tools, equipment, and PPE.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

**Related Item**
First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

**Submitter Full Name:** DONALD W WALSH PHD EMT P  
**Organization:** WALSH AND WALSH ASSOCIATES INC  
**Street Address:**  
**City:**  
**State:**  
**Zip:**  
**Submittal Date:** Sat Oct 24 12:38:44 EDT 2015
Public Comment No. 116-NFPA 1072-2015 [Section No. 5.4(B)]

(B)  Requisite Skills. Performing scene control; recognizing and preserving evidence; establishing an IMS/ICS; inspecting, donning, working in, doffing, and maintaining approved PPE; identifying signs of heat/cold stress; isolating contaminated tools and equipment; and cleaning, disinfecting, and inspecting approved tools, equipment, and PPE.

The section in quotes is cognitive in nature and can best be tested as a requisite knowledge by written-based testing.

Statement of Problem and Substantiation for Public Comment

The section identified is cognitive in nature and can best be tested as requisite knowledge in written-based testing.

Related Item
First Revision No. 15-NFPA 1072-2015 [Sections 5.1.1, 5.1.2, 5.1.3, 5.1.4]

Submitter Information Verification

Submitter Full Name: LAWRENCE PRESTON
Organization: MARYLAND FIRE AND RESCUE INSTI
Affiliation: MD Fire and Rescue Institute
Street Address:
City:
State:
Zip:
Submittal Date: Wed Nov 04 11:12:27 EST 2015
Perform emergency decontamination at a hazardous materials/WMD/WME/CWAs incident, given a hazardous materials/WMD/WME/CWAs incident that requires emergency decontamination and neutralization, an assignment, scope of the problem, policies and procedures, and approved tools, equipment, and PPE for emergency decontamination, so that exposures are protected and minimized, PPE is used in the proper manner, safety procedures are followed, hazards are avoided or minimized, and victims and responders are decontaminated.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item
First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
Organization: WALSH AND WALSH ASSOCIATES INC
Street Address: 
City: 
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Submittal Date: Sat Oct 24 12:42:05 EDT 2015
Public Comment No. 37-NFPA 1072-2015 [Section No. 5.5 [Excluding any Sub-Sections]]

Perform immediate emergency decontamination and neutralization, and/or provide responder/victim self decontamination and neutralization products or systems, at a hazardous materials/WMD/WME/CWAs incident, given a hazardous materials/WMD/CWAs incident that requires emergency decontamination, an assignment, scope of the problem, policies and procedures, and approved tools, equipment, and PPE for immediate emergency decontamination and neutralization, so that exposures are protected and minimized, PPE is used in the proper manner, safety procedures are followed, hazards are avoided or minimized, and victims and responders are decontaminated.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item
First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
Organization: WALSH AND WALSH ASSOCIATES INC
Street Address:
City:
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Submittal Date: Sat Oct 24 12:45:25 EDT 2015
Public Comment No. 38-NFPA 1072-2015 [ Section No. 5.5(B) ]

(B)  
Requisite Skills. Preventing spread of contamination during emergency decontamination and neutralization; avoiding hazards during emergency decontamination and neutralization; using PPE in the proper manner; and performing emergency decontamination and neutralization.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item  
First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P  
Organization: WALSH AND WALSH ASSOCIATES INC  
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Submittal Date: Sat Oct 24 12:53:08 EDT 2015
6.1.1
Operations level responders assigned mission-specific responsibilities at hazardous materials/weapons of mass destruction (WMD), weapons of mass effect (WME) and chemical warfare agents (CWAs) incidents shall meet the job performance requirements defined in Sections 4.2 through 4.4.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item
First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
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Submittal Date: Sat Oct 24 12:54:56 EDT 2015
6.1.2

Operations level responders assigned mission-specific responsibilities at hazardous materials/WMD/WME/CWAs incidents shall meet the job performance requirements defined in Sections 5.2 through 5.6.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item
First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
Organization: WALSH AND WALSH ASSOCIATES INC
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City: 
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Submittal Date: Sat Oct 24 12:56:16 EDT 2015
6.1.3
Operations level responders assigned mission-specific responsibilities at hazardous materials/WMD/WME/CWAs incidents shall have additional competencies that are specific to their response mission, expected tasks, equipment, and training as determined by the AHJ.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item
First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
Organization: WALSH AND WALSH ASSOCIATES INC
Street Address:
City:
State:
Zip:
Submittal Date: Sat Oct 24 12:57:05 EDT 2015
Public Comment No. 42-NFPA 1072-2015 [Section No. 6.1.4]

6.1.4*

Qualification for operations level responders assigned mission-specific responsibilities at hazardous materials/WMD/WME/CWAs incidents is specific to a mission area. For qualification, operations mission-specific responders shall perform all the job performance requirements listed in at least one level of a specialty area (Sections 6.2 through 6.9). Operations mission-specific responders will be identified by their specialty area as follows:

(1) Personal protection equipment (PPE) (see Section 6.2)
(2) Mass decontamination and neutralization (see Section 6.3)
(3) Technical decontamination and neutralization (see Section 6.4)
(4) Evidence preservation and sampling (see Section 6.5)
(5) Product control (see Section 6.6)
(6) Detection, monitoring, and sampling (see Section 6.7)
(7) Victim rescue and recovery (see Section 6.8)
(8) Illicit laboratory incidents (see Section 6.9)
(9) First Responders self decontamination and neutralization product or system instructions (see Section 6.10)

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item

First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
Organization: WALSH AND WALSH ASSOCIATES INC
Street Address:
City:
State:
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Submittal Date: Sat Oct 24 12:57:44 EDT 2015
Public Comment No. 44-NFPA 1072-2015 [Section No. 6.2 [Excluding any Sub-Sections]]

Select, don, work in, and doff approved PPE at a hazardous materials/WMD/WME/CWAs incident, given a hazardous materials/WMD/WME/CWAs incident; a mission-specific assignment in an IAP that requires use of PPE; the scope of the problem; response objectives and options for the incident; access to a hazardous materials technician, an allied professional, an emergency response plan, or standard operating procedures; approved PPE; and policies and procedures, so that under the guidance of a hazardous materials technician, an allied professional, an emergency response plan, or standard operating procedures, approved PPE is selected, inspected, donned, worked in, decontaminated, and doffed; available first responder self applying decontamination and neutralization products and systems specific to the hazardous material/WMD/WME/CWAs incident; safety procedures are followed; hazards are avoided or minimized; and all reports and documentation pertaining to PPE use are completed.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item
First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
Organization: WALSH AND WALSH ASSOCIATES INC
Street Address: 
City: 
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Submittal Date: Sat Oct 24 13:08:09 EDT 2015
Public Comment No. 45-NFPA 1072-2015 [ Section No. 6.3 [Excluding any Sub-Sections] ]

Perform mass decontamination and neutralization for ambulatory and nonambulatory victims at a hazardous materials/WMD/WME/CWAs incident, given a hazardous materials/WMD/WME/CWAs incident that requires mass decontamination; an assignment in an IAP; scope of the problem; policies and procedures; approved tools, equipment, and PPE; and access to a hazardous materials technician, an allied professional, an emergency response plan, or standard operating procedures, so that under the guidance of a hazardous materials technician, an allied professional, an emergency response plan, or standard operating procedures, a mass decontamination and neutralization process is selected, mass first responder self applied decontamination and neutralization products and systems for responders and victims contaminated; set up, implemented, evaluated, and terminated; approved PPE is selected and used; safety procedures are followed; hazards are avoided or minimized; if contaminated, personnel, tools, and equipment are decontaminated; and all reports and documentation of mass decontamination operations are completed.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item
First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
Organization: WALSH AND WALSH ASSOCIATES INC
Street Address:
City:
State:
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Submittal Date: Sat Oct 24 13:14:17 EDT 2015
Requisite Knowledge. Types of PPE and the hazards for which they are used; advantages and limitations of operations and methods of immediate mass decontamination and neutralization; policies and procedures for performing immediate mass decontamination and neutralization; approved tools, equipment, approved self applying decontamination and neutralization products and systems; and PPE for performing mass decontamination and neutralization; crowd management techniques; and mass decontamination and neutralization unit duties within the command structure.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item
First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
Organization: WALSH AND WALSH ASSOCIATES INC
Street Address:
City:
State:
Zip:
Submittal Date: Sat Oct 24 13:17:30 EDT 2015
Perform technical decontamination and neutralization in support of entry operations and for ambulatory and nonambulatory victims at a hazardous materials/WMD/WDE/CWAs incident, given a hazardous materials/WMD/WME/CWAs incident that requires technical decontamination and neutralization, including self applying decontamination and neutralization products and systems; an assignment in an IAP; scope of the problem; policies and procedures for technical decontamination and technical neutralization; approved tools, equipment, and PPE; and access to a hazardous materials technician, an allied professional, an emergency response plan, or standard operating procedures, so that under the guidance of a hazardous materials technician, an allied professional, an emergency response plan, or standard operating procedures, a technical decontamination process is selected, technical neutralization process is selected, set up, implemented, evaluated, and terminated; approved PPE is selected and used; safety procedures are followed; hazards are avoided or minimized; if contaminated, personnel, tools, and equipment are decontaminated and neutralized; and all reports and documentation and neutralization of technical decontamination and technical neutralization operations are completed.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item
First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
Organization: WALSH AND WALSH ASSOCIATES INC
Street Address:
City:
State:
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Submittal Date: Sat Oct 24 13:21:00 EDT 2015
Public Comment No. 48-NFPA 1072-2015 [Section No. 6.4(A)]

(A)*

Requisite Knowledge. Types of PPE and the hazards for which they are used; importance of working under the guidance of a hazardous materials technician, an allied professional, an emergency response plan, or standard operating procedures; advantages and limitations of operations and methods of immediate technical decontamination and technical neutralization; policies and procedures for performing technical decontamination and technical neutralization; approved tools, equipment, approved self applying decontamination and neutralization products and systems; and PPE for performing technical decontamination and neutralization; crowd management techniques; and immediate technical decontamination and neutralization, unit duties within the command structure.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item

First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P  
Organization: WALSH AND WALSH ASSOCIATES INC  
Street Address:  
City:  
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Submittal Date: Sat Oct 24 13:25:06 EDT 2015
Public Comment No. 49-NFPA 1072-2015 [ Section No. 6.5(A) ]

(A)  
Requisite Knowledge. Types of PPE and the hazards for which they are used; importance of working under the guidance of a hazardous materials technician, an allied professional, an emergency response plan, or standard operating procedures as well as law enforcement agencies; unique aspects of a suspicious letter, a suspicious package or device, an illicit laboratory, or a release/attack with a WMD, WME, or CWAs agent; potential violations of criminal statutes or governmental regulations; agencies having response authority to collect evidence and public safety samples; agencies having investigative law enforcement authority to collect evidence or public safety samples; notification procedures for agencies having investigative law enforcement authority and hazardous explosive device responsibility; chain-of-custody procedures; securing, characterization, and preservation of the scene and potential forensic evidence; approved documentation procedures; types of evidence; use and limitations of equipment to conduct field screening of samples for admission into the Laboratory Response Network or other forensic laboratory system; use of collection kits; collection and packaging of public safety samples; decontamination and neutralizing of packaging; prevention of secondary contamination; and protection and transportation requirements for sample packaging.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item
First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P  
Organization: WALSH AND WALSH ASSOCIATES INC  
Street Address:  
City:  
State:  
Zip:  
Submittal Date: Sat Oct 24 13:27:41 EDT 2015
Perform product control techniques with a limited risk of personal exposure at a hazardous materials/WMD/WME/CWAs incident, given a hazardous materials/WMD/WME/CWAs incident with release of product; an assignment in an IAP; scope of the problem; policies and procedures; approved tools, equipment, control agents, and PPE; and access to a hazardous materials technician, an allied professional, an emergency response plan, or standard operating procedures, so that under the guidance of a hazardous materials technician, an allied professional, an emergency response plan, or standard operating procedures, a product control technique is selected and implemented, the product is controlled, approved PPE is selected and used, exposures and personnel are protected, safety procedures are followed, hazards are avoided or minimized, and, if contaminated, personnel, tools, and equipment are decontaminated and the contaminate is neutralized.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item
First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
Organization: WALSH AND WALSH ASSOCIATES INC
Street Address:
City:
State:
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Submittal Date: Sat Oct 24 13:29:31 EDT 2015
Perform detection, monitoring, and sampling at a hazardous materials/WMD/WME/CWAs incident, given a hazardous materials/WMD/WME/CWAs incident; an assignment in an IAP; scope of the problem; policies and procedures; approved resources; detection, monitoring, and sampling equipment; PPE; and access to a hazardous materials technician, an allied professional, an emergency response plan, or standard operating procedures, so that under the guidance of a hazardous materials technician, an allied professional, an emergency response plan, or standard operating procedures, detection, monitoring, and sampling methods are selected; approved equipment is selected for detection, monitoring, or sampling of solid, liquid, or gaseous hazardous materials/WMD/WME/CWAs present; detection, monitoring, and sampling activities are implemented as needed; approved PPE is selected and used; safety procedures are followed; hazards are avoided or minimized; exposures and personnel are protected; results of detection, monitoring, and sampling are read, interpreted, recorded, and communicated; if contaminated, personnel and their equipment are decontaminated and the contaminate is neutralized; detection, monitoring, and sampling equipment is maintained; and all required reports and documentation pertaining to detection, monitoring, and sampling are completed.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item
First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
Organization: WALSH AND WALSH ASSOCIATES INC
Street Address: 
City: 
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Submittal Date: Sat Oct 24 13:33:01 EDT 2015
Public Comment No. 51-NFPA 1072-2015 [ Section No. 6.9 [Excluding any Sub-Sections] ]

Perform response operations at an illicit laboratory at a hazardous materials/WMD/WME/CWAs incident, given a hazardous materials/WMD/WME/CWAs incident involving an illicit laboratory; an assignment in an IAP; scope of the problem; policies and procedures; approved tools, equipment, and PPE; and access to a hazardous materials technician, an allied professional, an emergency response plan, or standard operating procedures as well as law enforcement personnel, so that under the guidance of a hazardous materials technician, an allied professional, an emergency response plan, standard operating procedures, and law enforcement personnel, the scene is secured; the type of laboratory is identified; potential hazards are identified; control procedures are implemented; evidence is preserved; approved PPE is selected and used; safety procedures are followed; exposures and personnel are protected; hazards are avoided or minimized; if contaminated, personnel, victims, tools, and equipment are decontaminated and neutralized of any CWAs; and all required reports and documentation pertaining to illicit laboratory response operations are completed.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item
First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
Organization: WALSH AND WALSH ASSOCIATES INC
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Submittal Date: Sat Oct 24 13:31:14 EDT 2015
Public Comment No. 43-NFPA 1072-2015 [ New Section after 6.9(B) ]

6.10 First Responders self decontamination and neutralization product or system instructions.
To perform response operations that allows the emergency instruction of self applied decontamination and neutralization products or systems.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item
First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
Organization: WALSH AND WALSH ASSOCIATES INC
Street Address:  
City:  
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Zip:  
Submittal Date: Sat Oct 24 13:01:41 EDT 2015
(B) **Requisite Skills.** Selecting and using PPE; selecting detection, monitoring, and sampling equipment; implementing technical decontamination and neutralization for personnel; securing an illicit laboratory; going through decontamination and contaminant neutralization; identifying and isolating hazards; identifying safety hazards; conducting a joint hazardous materials/hazardous devices operation to mitigate hazards; implementing scene control procedures; implementing self-applying decontamination and neutralization products and systems; and completing required reports and documentation pertaining to illicit laboratory response operations.

**Statement of Problem and Substantiation for Public Comment**

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

**Related Item**
First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

**Submitter Information Verification**

- **Submitter Full Name:** DONALD W WALSH PHD EMT P
- **Organization:** WALSH AND WALSH ASSOCIATES INC
- **Street Address:**
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- **Zip:**
- **Submittal Date:** Sat Oct 24 13:35:32 EDT 2015
7.1.4 Hazardous materials technicians — those persons responding to an emergency involving hazardous materials/weapons of mass destruction (WMD) / weapons of mass effect (WME), and chemical warfare agents (CWAs) — shall use a risk-based response process to analyze a problem involving hazardous materials/WMD/CWAs, select applicable decontamination and neutralization procedures, including procedures for self applying decontamination, and neutralization products and systems, and control a release using specialized protective clothing and control equipment.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item

First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
Organization: WALSH AND WALSH ASSOCIATES INC
Street Address:  
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Zip:  
Submittal Date: Sat Oct 24 13:38:10 EDT 2015
7.1.7 General Skills Requirements.
Written and verbal communication skills and the ability to give responders instructions on how to or use self applying decontaminating and neutralizing products and systems.

Statement of Problem and Substantiation for Public Comment
The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item
First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification
Submitter Full Name: DONALD W WALSH PHD EMT P
Organization: WALSH AND WALSH ASSOCIATES INC
Street Address:
City:
State:
Zip:
Submittal Date: Sat Oct 24 13:40:41 EDT 2015
Public Comment No. 56-NFPA 1072-2015 [Section No. 7.2.1 [Excluding any Sub-Sections]]

Classify hazardous materials/WMD/WME/CWAs by and verify the presence and concentrations of hazardous materials through detection, monitoring, and sampling at a hazardous materials/WMD/WME/CWAs incident, given a hazardous materials/WMD/WME/CWAs incident with released identified and unidentified hazardous materials, an assignment in an incident action plan (IAP), policies and procedures, and approved resources, detection and monitoring equipment, and personal protective equipment (PPE), so that PPE is selected and used; hazardous materials/WMD/WME/CWAs are classified by their basic hazard categories; the presence of hazardous materials is verified; the concentrations of hazardous materials in the atmosphere are determined; identification of signs and symptoms of responders or victims that may be exposed; identification of emergency medical service (EMS treatments and antidotes, samples of solids, liquids, and gases are collected; results of detection and monitoring equipment are read, interpreted, recorded, and communicated; exposures and personnel are protected; safety procedures are followed; hazards are avoided or minimized; personnel using the detection and monitoring equipment, as well as the equipment, are decontaminated and neutralized; field maintenance and testing are performed; detection and monitoring equipment are maintained; and all reports and documentation pertaining to use of detection and monitoring equipment are completed.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item
First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
Organization: WALSH AND WALSH ASSOCIATES INC
Street Address:
City:
State:
Zip:
Submittal Date: Sat Oct 24 13:43:30 EDT 2015
(A)*

Requisite Knowledge. Basic hazard categories and their definitions; policies and procedures; monitoring technologies; analysis process for classifying basic hazard categories [e.g., biological, corrosivity or chemical, having corrosively, energy (explosively, explosivity), radioactivity, reactivity), flammability, oxygen concentration, thermal (heat and cold), and toxicity] of identified solid and liquid materials and unidentified contaminants in the atmosphere; identify CWAs and their hazards; determining the delivery systems of the CWAs; types of detection and monitoring equipment [colorimetrics (e.g., tubes, chips, papers, strips, reagents); electrochemical cells (e.g., toxic gas sensors), flammable gas/LEL, noncontact thermal detection device, oxygen concentration, photoionization detector (PID), and radiation detection and monitoring]; process for determining radiation dose rates from radioactive material labels; determining background, rate vs dose; determining if a radioactive materials container is leaking/breached by comparing meter readings to Transportation Index (TI); process for monitoring lighter-than-air gases and vapors, heavier-than-air gases and vapors in a confined area, and heavier-than-air gases and vapors in an unconfined area; capabilities and limiting factors of detection and monitoring equipment; detection and monitoring equipment required to identify the basic hazard categories of corrosively, radiation, flammability, and volatility; methods for collecting samples of solids, liquids, and gases; reading, interpreting, recording, and communicating test results of detection and monitoring equipment; and field maintenance and testing procedures for approved detection and monitoring equipment.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item
First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
Organization: WALSH AND WALSH ASSOCIATES INC
Street Address:
City:
State:
Zip:
Submittal Date: Sat Oct 24 13:48:28 EDT 2015
Public Comment No. 58-NFPA 1072-2015 [Section No. 7.2.2(A)]

(A)

**Requisite Knowledge.** Types, advantages, and limitations of hazard and response information available from approved reference sources; significance and application of hazard and response terms, including chemical and physical properties, radiation terms, exposure terms (air reactivity, autorefrigeration, biological agent and biological toxin, blood agent, catalyst, chemical change, chemical interactions, compound and mixture, concentration, corrosive (acids, bases, alkaline), critical temperature and pressure, cryogenic liquid heat transfer processes (conduction, convection, radiation, and direct contact), dissociation (acid/base), dose, dose response, endothermic, exothermic, expansion ratio, half-life, halogenated hydrocarbon, inhibitor, instability, ionic and covalent compounds, irritant, maximum safe storage temperature (MSST), melting point and freezing point, miscibility, organic and inorganic, oxidation potential, pH, physical change, radioactivity, reactivity, riot control agents, saturated and unsaturated (straight and branched) and aromatic hydrocarbons, self-accelerating decomposition temperature (SADT), solubility, solution and slurry, strength, sublimation, temperature of product, vesicants (blister agents), limitation on the use of water decontamination, health and emergency medical precautions, including signs and symptoms of contaminated victims and EMS pre-hospital treatments and antidotes; viscosity, and volatility, as well as a higher level of understanding of operations-level terms: boiling point, fire point, flammable range (LFL and UFL) and explosive range (LEL and UEL), flash point, ignition (autoignition) temperature, persistence, physical state (solid, liquid, gas), polymerization, specific gravity, toxic products of combustion, vapor density, and vapor pressure); principles of heat transfer associated with cryogenic liquid spills; signs and symptoms and target organ effects of exposure to hazardous materials/WMD/WME/CWA; methods for determining the pressure and amount of lading in bulk containers and facility containers; and hazard and response information to be communicated.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

**Related Item**

First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
Organization: WALSH AND WALSH ASSOCIATES INC
Street Address: 
City: 
State: 
Zip: 
Submittal Date: Sat Oct 24 13:52:08 EDT 2015
Public Comment No. 59-NFPA 1072-2015 [Section No. 7.2.2(B)]

(B)

**Requisite Skills.** Collecting and interpreting hazard and response information; identifying signs and symptoms of exposure to hazardous materials/WMD/WME/CWAs, including target organ effects of exposure to hazardous materials/WMD/WME/CWAs; and determining radiation dose rates from labels attached to radioactive materials, determining exposure rates and levels of CWAs.

**Statement of Problem and Substantiation for Public Comment**

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

**Related Item**

First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

**Submitter Information Verification**

Submitter Full Name: DONALD W WALSH PHD EMT P
Organization: WALSH AND WALSH ASSOCIATES INC
Street Address: 
City: 
State: 
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Submittal Date: Sat Oct 24 13:56:05 EDT 2015
Assess the condition of a container and its closures at a hazardous materials/WMD/WME/CWAs incident, given an incident involving hazardous materials/WMD/WME/CWAs; an assignment in an IAP; policies and procedures; the scope of the incident, identity of material(s) involved and their hazards, including results of detection, monitoring, and sampling without contaminating the material in the container; a container with required markings; and approved resources and PPE, so that PPE is selected and used; the container and its closures are inspected; the type of damage to the container and closures is identified; the type of stress on the container is identified; the level of risk associated with container and closure damage and stress is identified; safety procedures are followed; hazards are avoided or minimized; if contaminated, personnel, tools, and equipment are decontaminated and the contaminate is neutralized; and a description of the condition of the container and its closures is communicated.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item
First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
Organization: WALSH AND WALSH ASSOCIATES INC
Street Address: 
City: 
State: 
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Submittal Date: Sat Oct 24 13:57:53 EDT 2015
Public Comment No. 61-NFPA 1072-2015 [Section No. 7.2.3(A)]

(A)*

**Requisite Knowledge.** Policies and procedures for assessing container condition; basic design and construction features, including closures for bulk and nonbulk containers, fixed facility containers, radioactive materials containers, and piping and pipelines; process for assessing container damage; types of CWAs delivery systems and their concentration levels and exposure rates; types of damage and their level of risk; types of stress; specification markings; and methods for determining the pressure and quantity of lading remaining in containers.

**Statement of Problem and Substantiation for Public Comment**

The proposed language changes and updates to the standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

**Related Item**

First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

**Submitter Information Verification**

**Submitter Full Name:** DONALD W WALSH PHD EMT P  
**Organization:** WALSH AND WALSH ASSOCIATES INC  
**Street Address:**  
**City:**  
**State:**  
**Zip:**  
**Submittal Date:** Sat Oct 24 13:59:54 EDT 2015
Predict the behavior of the hazardous materials/WMD/WME/CWAs involved in a hazardous materials/WMD/WME/CWAs incident, given an incident involving multiple hazardous materials/WMD/WME/CWAs; an assignment in an IAP; policies and procedures; physical and chemical properties of the materials involved; results of detection, monitoring, and sampling; condition of the container (damage and stress); surrounding conditions; and approved reference sources, so that the behavior of each hazardous materials/WMD/WME/CWAs container or delivery system; and its contents is identified, the reactivity issues and hazards of the combined materials are identified, and a description of the likely behavior is...
Public Comment No. 63-NFPA 1072-2015 [Section No. 7.2.4(A)]

(A)*

Requisite Knowledge. Process for predicting behavior, resources that indicate the reactivity issues of mixing various hazardous materials/WMD/WME/CWAs, impact of fire and safety features on the behavior of products at facilities, heat transfer processes that occur as a result of a cryogenic liquid spill, and methods for communicating the results of predicting behavior.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item
First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
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City:
State:
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Submittal Date: Sat Oct 24 14:03:50 EDT 2015
Public Comment No. 64-NFPA 1072-2015 [Section No. 7.2.5 [Excluding any Sub-Sections]]

Estimate the potential outcomes at a hazardous materials/WMD/WME/CWAs incident, given a hazardous materials/WMD/WME/CWAs incident, an assignment in an IAP, policies and procedures, results of the incident analysis, and approved resources and equipment, so that the concentrations of materials within the endangered area are measured or predicted; physical, health, and safety hazards within the endangered area are identified; areas of potential harm in the endangered area are identified, including area hospital and medical facilities that my receive walk-in contaminated victims; potential outcomes within the areas of potential harm in endangered areas are identified; and potential outcomes are communicated.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item
First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
Organization: WALSH AND WALSH ASSOCIATES INC
Street Address:
City:
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Submittal Date: Sat Oct 24 14:04:57 EDT 2015
Public Comment No. 65-NFPA 1072-2015 [Section No. 7.2.5(B)]

(B)

Requisite Skills. Use of approved resources and equipment; measuring and predicting concentrations of materials within the endangered area; identifying the physical, health, and safety hazards within the endangered area; identifying the areas of potential harm in the endangered area; estimating the potential outcomes within the areas of potential harm in endangered areas; and communicating the potential outcomes; and notifying area hospitals and medical facilities on potential self transported contaminated victims arriving at their facilities.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item

First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
Organization: WALSH AND WALSH ASSOCIATES INC
Street Address: 
City: 
State: 
Zip: 
Submittal Date: Sat Oct 24 14:07:06 EDT 2015
Develop and recommend to the incident commander or hazmat officer, and EMS Branch/Group Officer; response objectives and response options at a hazardous materials/WMD/WME/CWAs incident, given a hazardous materials/WMD/WME/CWAs incident; an assignment in an IAP; results of the incident analysis, including incident-related information, life safety risks, health and safety risk, required decontamination and neutralization requirements, emergency medical services (EMS) pre-hospital care treatments and antidotes that may be needed; environmental risks, and property risks; available resources; and policies and procedures, so that response objectives are identified for the incident and response options are identified for each response objective.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item
First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
Organization: WALSH AND WALSH ASSOCIATES INC
Street Address:
City:
State:
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Submittal Date: Sat Oct 24 14:09:49 EDT 2015
Public Comment No. 67-NFPA 1072-2015 [ Section No. 7.3.2 [Excluding any Sub-Sections] ]

Select the PPE ensemble required for a given response option at a hazardous materials/WMD/CWA/WME/s incident, given a hazardous materials/WMD/WME/CWAs incident, results of the incident analysis, response objectives and options for the incident, approved references, and policies and procedures, so that required PPE is identified for each response option.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item
First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
Organization: WALSH AND WALSH ASSOCIATES INC
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City:
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Submittal Date: Sat Oct 24 14:13:09 EDT 2015
Public Comment No. 68-NFPA 1072-2015 [Section No. 7.3.3 [Excluding any Sub-Sections]]

Select the decontamination and neutralization procedure for a given response option at a hazardous materials/WMD/WME/CWAs incident, given a hazardous materials/WMD/WME/CWAs incident, results of the incident analysis, response objectives and options for the incident, available resources, and policies and procedures, so that a decontamination and neutralization procedure to minimize the hazards for each response option is identified and the equipment required, including the use of self applied decontamination and neutralization products or systems; and to implement and give instructions on the decontamination and neutralization procedure is identified.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item
First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
Organization: WALSH AND WALSH ASSOCIATES INC
Street Address:
City:
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Submittal Date: Sat Oct 24 14:14:15 EDT 2015
Requisite Knowledge. Decontamination operations; advantages and uses of decontamination operations; decontamination methods, including self applied decontamination and neutralization products and systems; advantages and disadvantages of various decontamination methods, including decontamination and neutralization products and systems, including limitations on the use of water; reference sources for determining applicable decontamination and neutralization operations and methods; methods for accessing these resources; and equipment required to implement a specified decontamination and neutralize contamination operations and methods.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item
First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
Organization: WALSH AND WALSH ASSOCIATES INC
Street Address:
City:
State:
Zip:
Submittal Date: Sat Oct 24 14:17:05 EDT 2015
**Public Comment No. 70-NFPA 1072-2015 [ Section No. 7.3.3(B) ]**

<table>
<thead>
<tr>
<th>Requisite Skills. Selecting decontamination and neutralization procedures (operations and methods) and identifying the equipment required to implement decontamination procedure (operations and methods); selecting decontamination and neutralization products or systems, including self applying decontamination and neutralization products or systems.</th>
</tr>
</thead>
</table>

**Statement of Problem and Substantiation for Public Comment**

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

**Related Item**

First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

**Submitter Information Verification**

- **Submitter Full Name:** DONALD W WALSH PHD EMT P
- **Organization:** WALSH AND WALSH ASSOCIATES INC
- **Street Address:**
- **City:**
- **State:**
- **Zip:**
- **Submittal Date:** Sat Oct 24 14:19:55 EDT 2015
Develop a plan of action for a hazardous materials/WMD/WME/CWAs incident, given a hazardous materials/WMD/WME/CWAs incident, an assignment in an IAP, results of the incident analysis, response objectives and options for the given incident, available resources, and policies and procedures, so that the tasks and resources required to meet the response objectives are identified, specified response objectives and response options are addressed, plan is consistent with the emergency response plan and policies and procedures, and plan is within the capability of available personnel, PPE, and control equipment.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item
First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
Organization: WALSH AND WALSH ASSOCIATES INC
Street Address: City:
State:
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Submittal Date: Sat Oct 24 14:22:21 EDT 2015
Public Comment No. 72-NFPA 1072-2015 [ Section No. 7.3.4(A) ]

(A)*

Requisite Knowledge. Components of an IAP and subplans; definitions of control, confinement, containment, and extinguishment; purpose of, procedures for, required tools and equipment for, and safety precautions for various techniques for hazardous materials/WMD/WME/CWAs, (product/agent) control; components of a safety briefing; atmospheric and physical safety hazards associated with hazardous materials/WMD/WME/CWAs in confined spaces; pre-entry activities to be performed; and procedures, equipment, and safety precautions for preserving and collecting legal evidence.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item

First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
Organization: WALSH AND WALSH ASSOCIATES INC
Street Address: 
City:
State:
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Submittal Date: Sat Oct 24 14:23:16 EDT 2015
Public Comment No. 73-NFPA 1072-2015 [Section No. 7.4.1 [Excluding any Sub-Sections]]

Perform incident management system/incident command system (IMS/ICS) function assigned at a hazardous materials/WMD/WME/CWAs incident, given a hazardous materials/WMD/WME/CWAs incident; an assignment in an IAP; results of the incident analysis, policies and procedures, including an emergency response plan and standard operating procedures; results of the incident analysis; the IAP; and approved resources, so that the assigned functions within the hazardous materials branch or group are completed.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item

First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
Organization: WALSH AND WALSH ASSOCIATES INC
Street Address:
City:
State:
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Submittal Date: Sat Oct 24 14:24:14 EDT 2015
Public Comment No. 74-NFPA 1072-2015 [Section No. 7.4.2 [Excluding any Sub-Sections]]

Don, work in, and doff PPE at a hazardous materials/WMD/CWAs incident, given a hazardous materials/WMD/CWAs incident, an assignment in an IAP, policies and procedures, results of the incident analysis, response objectives and options for the incident, and PPE ensembles as identified in the IAP, so that PPE is selected, inspected, donned, worked in, decontaminated and contaminate neutralized, and doffed; safety procedures are followed; hazards are avoided or minimized; equipment is maintained and stored properly; and the use of PPE is recorded and reported.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item

First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
Organization: WALSH AND WALSH ASSOCIATES INC
Street Address:
City:
State:
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Submittal Date: Sat Oct 24 14:25:37 EDT 2015
Perform product control techniques at a hazardous materials/WMD/WME/CWAs incident, given a hazardous materials/WMD/WME/CWAs incident with release of product, an assignment in an IAP, policies and procedures for product control, results of the incident analysis, response objectives and options for the incident, and approved tools, equipment, control agents, and PPE, so that an approved product control technique is selected and implemented; the product is controlled; approved PPE is selected and used; exposures and personnel are protected; safety procedures are followed; hazards are avoided or minimized; if contaminated, personnel, victims, tools, and equipment used are decontaminated and neutralized; tools and equipment are inspected and maintained; and all required reports and documentation are completed.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

 RELATED ITEM

First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
Organization: WALSH AND WALSH ASSOCIATES INC
Street Address: 
City: 
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Submittal Date: Sun Oct 25 16:06:39 EDT 2015
Public Comment No. 76-NFPA 1072-2015 [Section No. 7.4.3.1(A)]

(A)*

Requisite Knowledge. Types of PPE and the hazards for which they are used; policies and procedures for product control; product control techniques (absorption, adsorption, blanketing, damming, diking, dilution, dispersion, diversion, neutralization, overpacking, patching, plugging, sealing closures, retention, remote valve shutoff, vapor dispersion, and vapor suppression); purpose of, procedures for, required tools and equipment for, and safety precautions for hazardous materials/WMD/WME/CWAs control techniques; location and operation of remote emergency shutoff devices; characteristics, applicability, and use of approved product control agents; use of approved tools and equipment; and use of decontamination and neutralization products and systems, including self applying decontamination and neutralization products and systems; and procedures for inspection and maintenance of tools and equipment.

Statement of Problem and Substantiation for Public Comment

The proposed changes and updates to the standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item
First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
Organization: WALSH AND WALSH ASSOCIATES INC
Street Address:
City:
State:
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Submittal Date: Sun Oct 25 16:07:25 EDT 2015
**Public Comment No. 77-NFPA 1072-2015 [Section No. 7.4.3.1(B)]**

**(B)*

**Requisite Skills.** Selecting and using PPE, selecting and using approved control agents and equipment on a release involving hazardous materials/WMD/WME/CWAs, using container control valves and remote emergency shutoff devices, performing product control techniques, performing decontamination and neutralization products or systems, and inspecting and maintaining tools and equipment.

**Statement of Problem and Substantiation for Public Comment**

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

**Related Item**

First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

**Submitter Information Verification**

Submitter Full Name: DONALD W WALSH PHD EMT P  
Organization: WALSH AND WALSH ASSOCIATES INC  
Street Address:  
City:  
State:  
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Submittal Date: Sun Oct 25 16:10:41 EDT 2015
Control leaks from containers and/or device delivery systems, and their closures at a hazardous materials/WMD/WME/CWAs incident, given a hazardous materials/WMD/WME/CWAs incident; an assignment in an IAP; results of the incident analysis; three scenarios, including a leak from a container or its closures, a leak from a nonbulk liquid container or its closures, and a leak from a bulk or nonbulk pressure liquid container or its closures; policies and procedures for controlling leaks from containers and/or their closures; and approved tools, equipment, and PPE, so that an approved product control technique is selected and used; approved PPE is selected and used; exposures and personnel are protected; safety procedures are followed; hazards are avoided or minimized; hazard monitoring is completed; leaks are controlled (confined or contained); if contaminated, emergency responders, decontamination and the contaminate is neutralization by products and systems, including self applying decontamination and neutralization products and systems, tools, and equipment used are decontaminated and neutralization; and tools and equipment are inspected and maintained; and all required reports and documentation are completed.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item
First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
Organization: WALSH AND WALSH ASSOCIATES INC
Street Address:
City:
State:
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Submittal Date: Sun Oct 25 16:12:17 EDT 2015
(A)*

**Requisite Knowledge.** Types of PPE and the hazards for which they are used, policies and procedures for product control; types of containers and their closures; ways in which containers and their closures develop leaks, ways to secure CWAs devices or containers, hazards of and safety precautions for controlling; container/closure leaks; methods for controlling container/closure, container/container leaks on non-bulk, intermediate bulk, radioactive, facility containers, and pipes and pipelines; location and operation of remote emergency shutoff devices on cargo tanks and at facilities; characteristics, applicability, and use of approved product control agents; and approved tools and decontamination and neutralization products and systems; including approved self applying decontamination and neutralization products and systems; tools and ways to instruct uses, and equipment used to control container/closure leaks; and procedures for inspection and maintenance of tools and equipment.

**Statement of Problem and Substantiation for Public Comment**

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

**Related Item**
First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

**Submitter Information Verification**

Submitter Full Name: DONALD W WALSH PHD EMT P  
Organization: WALSH AND WALSH ASSOCIATES INC  
Street Address:  
City:  
State:  
Zip:  
Submittal Date: Sun Oct 25 16:17:44 EDT 2015
Public Comment No. 80-NFPA 1072-2015 [Section No. 7.4.3.2(B)]

(B)*
Requisite Skills. Selecting and using PPE, selecting and using approved control agents and equipment; controlling leaks on containers and their closures, open (patching, plugging, sealing closures, remote valve shutoff, closing valves, replacing missing plugs, and tightening loose fittings); decontaminating and neutralizing products and systems, including self applying and instructions for the use of decontamination and neutralization products and systems; tools and equipment; and inspecting and maintaining tools and equipment.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item
First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
Organization: WALSH AND WALSH ASSOCIATES INC
Street Address: 
City: 
State: 
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Submittal Date: Sun Oct 25 16:22:38 EDT 2015
Public Comment No. 81-NFPA 1072-2015 [Section No. 7.4.3.3 [Excluding any Sub-Sections]]

Overpack damaged or leaking nonbulk and radioactive materials containers at a hazardous materials/WMD/WME/CWAs incident, given a hazardous materials/WMD/WME/CWAs incident, an assignment in an IAP, results of the incident analysis, a loaded damaged or leaking container, a suitable overpack container, policies and procedures, and approved tools, equipment, and PPE, so that an approved overpack technique is selected; the damaged or leaking container is placed into a suitable overpack and the overpack is closed, marked, and labeled; approved PPE is selected and used; exposures and personnel are protected and have emergency self applying decontamination and neutralization products or systems; safety procedures are followed; hazards are avoided or minimized; if contaminated, emergency responders, tools, and equipment are decontaminated and the contaminate is neutralized; and tools and equipment are inspected and maintained.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item
First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
Organization: WALSH AND WALSH ASSOCIATES INC
Street Address:
City:
State:
Zip:
Submittal Date: Sun Oct 25 16:24:52 EDT 2015
Public Comment No. 82-NFPA 1072-2015 [ Section No. 7.4.3.3(A) ]

(A) Requisite Knowledge. Types of PPE and the hazards for which they are used; policies and procedures for overpacking damaged or leaking nonbulk and radioactive materials container, CWAs delivery devices, ways in which nonbulk and radioactivematerials containers are damaged; hazards associated with overpacking damaged or leaking nonbulk and radioactive materials containers; methods to overpack damaged or leaking nonbulk and radioactive materials containers, marking and labeling overpack containers; the tools and equipment used to overpack damaged or leaking nonbulk and radioactive materials containers; and equipment and maintenance procedures.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item
First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
Organization: WALSH AND WALSH ASSOCIATES INC
Street Address:
City:
State:
Zip:
Submittal Date: Sun Oct 25 16:28:14 EDT 2015
Public Comment No. 83-NFPA 1072-2015 [Section No. 7.4.3.3(B)]

(B)

Requisite Skills. Selecting and using PPE, placing a damaged or leaking nonbulk and radioactive materials containers into the overpack container, following safety procedures, minimizing and avoiding hazards, decontaminating tools and equipment, and neutralization products and systems, including self applying decontamination and neutralization products and systems; tools and equipment, and inspecting and maintaining tools and equipment.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item
First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
Organization: WALSH AND WALSH ASSOCIATES INC
Street Address:
City:
State:
Zip:
Submittal Date: Sun Oct 25 16:29:27 EDT 2015
Transfer liquids from leaking nonpressure containers at a hazardous materials/WMD/WME/CWAs incident, given a hazardous materials/WMD/WME/CWAs incident; an assignment in an IAP; results of the incident analysis; a leaking nonpressure container and a recovery container; policies and procedures for transferring liquids from leaking nonpressure containers; and approved tools, equipment, and PPE, so that an approved product transfer method is selected and used; approved PPE is selected and used; exposures and personnel are protected; safety procedures are followed; hazards are avoided or minimized; hazard monitoring is completed; the containers are bonded and grounded; product is transferred to the recovery container; if contaminated, emergency responders, tools, and decontaminating and neutralization products and systems, including self applying decontamination and neutralization products and systems; tools, and equipment used are decontaminated and the contaminate is neutralized; and tools and equipment are inspected, inspected, and maintained; and all required reports and documentation are completed.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item
First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
Organization: WALSH AND WALSH ASSOCIATES INC
Street Address: 
City: 
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Submittal Date: Sun Oct 25 16:31:52 EDT 2015
Public Comment No. 85-NFPA 1072-2015 [Section No. 7.4.3.4(A)]

(A) Requisite Knowledge.

Types of PPE and the hazards for which they are used; policies and procedures for liquid product transfer; identifying a compatible recovery container; requirements for hazard monitoring; methods for transferring liquid product; grounding and bonding methods; methods for vapor suppression; use of approved tools and decontaminating and neutralization products and systems, including self applying decontamination and neutralization products and systems; tools and equipment; and procedures for inspection and maintenance of tools and equipment.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item
First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
Organization: WALSH AND WALSH ASSOCIATES INC
Street Address: 
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Submittal Date: Sun Oct 25 16:33:47 EDT 2015
Public Comment No. 86-NFPA 1072-2015 [Section No. 7.4.3.4(B)]

(B) Requisite Skills: Requisite Skills.
Selecting and using PPE; identifying a compatible recovery container and transfer equipment; monitoring for hazards; grounding and bonding containers; transferring liquid product from a leaking container to a recovery container; suppressing vapors; decontaminating tools and equipment; and inspecting and maintaining tools and equipment.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates to the standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item
First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
Organization: WALSH AND WALSH ASSOCIATES INC
Street Address: 
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Submittal Date: Sun Oct 25 16:35:00 EDT 2015
Perform mass decontamination using neutralizing products and systems, for ambulatory and nonambulatory victims at a hazardous materials/WMD/WME/CWAs incident, given a hazardous materials/WMD/WME/CWAs incident requiring mass decontamination and neutralization; an assignment in an IAP; policies and procedures; and approved PPE, tools, and decontaminating and neutralization products and systems, including self applying decontamination and naturalization products and systems; tools, and equipment, so that PPE is selected and used; a mass decontamination and neutralization procedure is selected, set up, implemented, evaluated, and terminated; victims are decontaminated and neutralized; exposures and personnel are protected; safety procedures are followed; hazards are avoided or minimized; if contaminated, personnel, tools, and equipment are decontaminated and neutralized; and all reports and documentation and neutralization of mass decontamination and neutralization operations are completed.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item
First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
Organization: WALSH AND WALSH ASSOCIATES INC
Street Address: 
City: 
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Submittal Date: Sun Oct 25 16:36:42 EDT 2015
Public Comment No. 88-NFPA 1072-2015 [Section No. 7.4.4.1(A)]

(A)*

Requisite Knowledge. Types of PPE and the hazards for which they are used; advantages and limitations of operations and methods of mass decontamination and neutralization; policies and procedures; approved decontaminating and neutralization products and systems, including self applying decontamination and neutralization products and systems; approved tools, equipment, and PPE; procedures for performing mass decontamination and neutralization; safety precautions; crowd management techniques; mass decontamination and neutralization unit duties within the command structure; and approved forms for reporting and documenting mass decontamination and contaminant neutralization.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item
First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
Organization: WALSH AND WALSH ASSOCIATES INC
Street Address: City:
State: Zip:
Submittal Date: Sun Oct 25 16:39:56 EDT 2015
Public Comment No. 89-NFPA 1072-2015 [Section No. 7.4.4.1(B)]

(B)*

Requisite Skills. Selecting and using suitable PPE, selecting a mass decontamination and neutralization procedure to minimize the hazard, setting up and implementing mass decontamination and neutralization operations for ambulatory and nonambulatory victims, evaluating decontaminating and neutralization products and systems, including self applying decontamination and neutralization products and systems; evaluating the effectiveness of the mass decontamination and contaminate neutralization process, and completing reporting and documentation requirements.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item
First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
Organization: WALSH AND WALSH ASSOCIATES INC
Street Address: 
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Submittal Date: Sun Oct 25 16:41:51 EDT 2015
Public Comment No. 90-NFPA 1072-2015 [Section No. 7.4.4.2 [Excluding any Sub-Sections]]

Establish and implement technical decontamination and neutralization in support of entry operations and for ambulatory and nonambulatory victims at a hazardous materials/WMD/WME/CWAs incident, given a hazardous materials/WMD/WME/CWAs incident requiring technical decontamination and neutralization; an assignment in an IAP; policies and procedures; and approved PPE, tools, and decontaminating and neutralization products and systems, including self applying decontamination and naturalization products and systems; tools, and equipment, so that approved PPE is selected and used; a technical decontamination and technical neutralization procedure is selected, set up, implemented, evaluated, and terminated; victims are decontaminated and neutralized; safety procedures are followed; hazards are avoided or minimized; if contaminated, personnel, tools, and equipment are decontaminated and neutralized; and all reports and documentation of technical decontamination and contaminate technical neutralization operations are completed.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item
First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
Organization: WALSH AND WALSH ASSOCIATES INC
Street Address:
City:
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Submittal Date: Sun Oct 25 16:43:30 EDT 2015
(A)*

Requisite Knowledge. Types of PPE and the hazards for which they are used; advantages and limitations of operations and methods of technical decontamination and neutralization; policies and procedures; approved decontaminating and neutralization products and systems, including self-applying decontamination and neutralization products and systems; approved tools, equipment, and PPE; procedures for performing technical decontamination and neutralization; safety precautions; crowd management techniques; technical decontamination and neutralization, unit duties within the command structure; and approved forms for reporting and documenting technical decontamination and contaminate neutralization.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item
First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
Organization: WALSH AND WALSH ASSOCIATES INC
Street Address:
City:
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Submittal Date: Sun Oct 25 16:47:11 EDT 2015
Public Comment No. 92-NFPA 1072-2015 [ Section No. 7.4.4.2(B) ]

(B)*

**Requisite Skills.** Selecting and using PPE, selecting a technical decontamination and neutralization procedure to minimize the hazard, setting up and implementing technical decontamination and neutralization operations, evaluating decontaminating and neutralization products and systems, including self applying decontamination and neutralization products and systems; evaluating the effectiveness of the technical decontamination and neutralization procedure, and completing reporting and documentation requirements.

**Statement of Problem and Substantiation for Public Comment**

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

**Related Item**

First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

**Submitter Information Verification**

Submitter Full Name: DONALD W WALSH PHD EMT P  
Organization: WALSH AND WALSH ASSOCIATES INC  
Street Address:  
City:  
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Submittal Date: Sun Oct 25 16:48:48 EDT 2015
Public Comment No. 93-NFPA 1072-2015 [Section No. 7.5 [Excluding any Sub-Sections]]

Evaluate and report the progress of assigned tasks at a hazardous materials/WMD/WME?CWAs incident, given a hazardous materials/WMD/WME/CWAs incident, an assignment in an IAP, current incident conditions, response options and actions taken, and approved communication equipment, so that the actual behavior of material and container is compared to that predicted, the effectiveness of response options and actions in accomplishing response objectives is determined, modifications to the response options and actions are made, and the results are communicated. Notifying and communicating incident details to area hospitals and health care facilities.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item
First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
Organization: WALSH AND WALSH ASSOCIATES INC
Street Address:
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Submittal Date: Sun Oct 25 16:50:13 EDT 2015
Terminate a hazardous materials/WMD/WME/CWA incident, given a hazardous materials/WMD/WME/CWA incident, an assignment in an IAP, policies and procedures, operational observations of activities (incident information), and approved forms for documentation and reporting, so that assistance in scheduled incident debriefings and critiques is provided, and documentation and reporting requirements are completed.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item
First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
Organization: WALSH AND WALSH ASSOCIATES INC
Street Address:
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Submittal Date: Sun Oct 25 16:52:18 EDT 2015
Analyze a hazardous materials/weapons of mass destruction (WMD) weapons of mass effect (WEF) chemical warfare agents (CWAs) incident, given a hazardous material/WMD/WEF/CWAs incident; an assignment in an incident action plan (IAP); incident information; policies and procedures; available resources; approved references; and access to a hazardous materials technician, an allied professional, an emergency plan, or standard operating procedures, so that the hazards are assessed and risks are evaluated.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item
First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
Organization: WALSH AND WALSH ASSOCIATES INC
Street Address: 
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Submittal Date: Sun Oct 25 16:53:16 EDT 2015
Plan the response to a hazardous materials/WMD/CWAs incident, given an hazardous materials/WMD/CWAs incident, the results of the incident analysis, and available resources, so that the response objectives are identified, potential response options are identified, level of personal protective equipment (PPE) is approved, decontamination and neutralization process is approved, response approved decontaminating and neutralization products and systems, including self applying decontamination and neutralization products and systems; response options are selected based on available resources, and an IAP is developed.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item
First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
Organization: WALSH AND WALSH ASSOCIATES INC
Street Address: 
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Submittal Date: Sun Oct 25 16:55:20 EDT 2015
Public Comment No. 97-NFPA 1072-2015 [Section No. 8.3(A)]

(A)*
Requisite Knowledge. Response objectives, purpose of hazardous materials control techniques, approving the level of PPE, steps for developing an IAP, factors to be evaluated in public protective actions, making, including self applying decontamination and neutralization products and systems; making, tactical assignments, and safe operating practices and procedures.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item
First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
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Submittal Date: Sun Oct 25 16:57:04 EDT 2015
Public Comment No. 98-NFPA 1072-2015 [Section No. 8.4 [Excluding any Sub-Sections]]

Implement the planned response in a hazardous materials/WMD/WME/CWAs incident, given a hazardous materials/WMD/WME/CWAs incident, an assignment in an IAP, and resources and equipment available, so that IMS/ICS is implemented, resources are directed, a focal point for information transfer is established, and actions are taken to meet the response objectives of the IAP.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item
First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
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Submittal Date: Sun Oct 25 16:58:09 EDT 2015
Public Comment No. 99-NFPA 1072-2015 [Section No. 8.5 [Excluding any Sub-Sections]]

Evaluate the progress and adjust the IAP as needed at a hazardous materials/WMD/WME/CWAs incident, given an hazardous materials/WMD/WME/CWAs incident, an assignment in an IAP, actions taken, and changing incident conditions, so that actual behavior of material and container is compared to that predicted, effectiveness of response options and actions is determined, and modifications to the IAP are made as needed until the scene is determined to be stabilized and hazards are controlled.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item
First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
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Street Address: 
City: 
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Submittal Date: Sun Oct 25 16:58:50 EDT 2015
Terminate response operations at a hazardous materials/WMD/WME/CWAs incident, given a hazardous materials/WMD/WME/CWAs incident that has been determined to be stabilized with hazards controlled, an assignment in an IAP, operational observations, and approved forms for documentation and reporting, so that command is transferred, debriefings are held, post-incident analysis is completed, a critique is conducted, and final documentation and reporting requirements are completed.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item

First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
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Submittal Date: Sun Oct 25 16:59:40 EDT 2015
A.1.1

The committee recognizes that emergency services organizations might have to invest considerable resources to provide the equipment and training needed to respond to incidents involving hazardous materials or weapons of mass destruction (WMD), weapons of mass effect (WME), and chemical warfare agents (CWAs) safely and efficiently. The committee does not mean to imply that organizations with limited resources cannot provide response services, only that the individuals charged with responsibilities are qualified to specific levels according to this standard.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item

First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
Organization: WALSH AND WALSH ASSOCIATES INC
Street Address:
City:
State:
Zip:
Submittal Date: Sun Oct 25 17:00:42 EDT 2015
A.3.3.16 Decontamination.

There are three types of decontamination and neutralization (commonly known as “decon”) performed by emergency responders: emergency, mass, and technical immediate in the spot decontamination is the first in the process when the proper decontamination and neutralization product or system is available.

Gross decontamination and contaminate neutralization is a phase of decontamination where significant reduction and neutralizing of the amount surface contamination takes place as quickly as possible. This is usually accomplished by mechanical removal of the contaminant or initial rinsing from handheld hose lines, emergency showers, or use of decontaminating and neutralization products and systems, including self applying decontamination and neutralization products and systems; or other nearby sources of water.

Gross decontamination is performed on the following:

1. Team members before their technical decontamination
2. Victims during emergency decontamination
3. Persons requiring mass decontamination
4. Decontaminating and neutralization products and systems, including self applying decontamination and neutralization products and systems for first responders.

Decontamination and neutralization sometimes performed on victims in a hospital setting is generally referred to as definitive decontamination, but is not covered in this standard.

The types of decontamination (except gross and definitive decontamination) are further defined in A.3.3.16.1 through A.3.3.16.2.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item
First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
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Submittal Date: Sun Oct 25 17:02:45 EDT 2015
Emergency Decontamination.
This process can be as simple as removal of outer or all garments from the individual to washing down with water from a fire hose or emergency safety shower, including the use of individual decontaminating and neutralization products and systems, including self applying decontamination and neutralization products and systems. The sole purpose is to quickly separate as much of the contaminant as possible from the individual to minimize exposure and injury. [472, 2013]

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item
First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
Organization: WALSH AND WALSH ASSOCIATES INC
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Submittal Date: Sun Oct 25 17:06:56 EDT 2015
A.3.3.16.2 Mass Decontamination.

Mass decontamination and neutralization is initiated where the number of victims and time constraints do not allow the establishment of an in-depth decontamination and neutralization process, including immediate appropriate decontamination and neutralization products and systems. Mass decontamination and neutralization should be established quickly to reduce the harm being done to the victims by the contaminants. Initial operations will likely be through handheld hose lines or master streams supplied from fire apparatus while a more formal process is being set up. The use of decontaminating and neutralization products and systems, including self applying decontamination and neutralization products and systems, formal technical decontamination and neutralization might be necessary if it is determined through detection, observation, or concern that the initial emergency decontamination and neutralization was not effective. For example, this could be the case for victims exposed to a radiological dispersal device (RDD) or an aerosolized biologic agent, or CWAs.

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item

First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
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City: 
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Submittal Date: Sun Oct 25 17:08:21 EDT 2015
A.3.3.48 Planned Response.

The following site safety plan considerations are from the EPA's Standard Operating Safety Guides:

1. Site description
2. Entry objectives
3. On-site organization
4. On-site control
5. Hazard evaluations
6. Personal protective equipment
7. On-site work plans
8. Communication procedures
9. Decontamination procedures and neutralization procedure
10. Issuance of self-applying decontamination and naturalization products and systems;
11. Site safety and health plan

[472, 2013]

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item
First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification

Submitter Full Name: DONALD W WALSH PHD EMT P
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Submittal Date: Sun Oct 25 17:11:42 EDT 2015
**A.6.3(B)**

Methods that can be useful in assessing the effectiveness of decontamination and neutralization (determining if entry personnel, tools and equipment, and victims have been decontaminated and neutralized) include the following:

1. **Visual observation** (stains, discolorations, corrosive effects, etc.)
2. **Monitoring devices** [such as photoionization detectors (PIDs), IMS detector tubes, radiation monitors, and pH paper strips/meters] that show whether contamination levels are at least below the device’s detection limit
3. **Wipe sampling**, which provides after-the-fact information on the effectiveness of decontamination. (Once a wipe swab is taken, it is analyzed by chemical means, usually in a laboratory. Protective clothing, equipment, and skin can be tested using wipe samples.)

**Statement of Problem and Substantiation for Public Comment**

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

**Related Item**

First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

**Submitter Information Verification**

**Submitter Full Name:** DONALD W WALSH PHD EMT P
**Organization:** WALSH AND WALSH ASSOCIATES INC

**Submittal Date:** Sun Oct 25 17:14:20 EDT 2015
A.6.9(A)
Types of illicit laboratories include chemical, biological, explosive, and drug manufacturing. Booby traps found at illicit laboratories include anti-personnel devices. Clearance of such devices is carried out by explosive ordnance disposal (EOD) personnel trained for these procedures. Law enforcement agencies having investigative jurisdiction might differ based on whether the situation involves illicit drug manufacturing, illicit WMD/WME/CWAs manufacturing, or environmental crimes resulting from illicit laboratory operations. Law enforcement jurisdiction, investigative guidelines, and investigative priorities are complex and dynamic. Specific jurisdictional situations should be identified with governmental investigative agencies.

Considerations for decontaminating and contaminant neutralization tactical law enforcement personnel include being aware of specialized equipment used by law enforcement, including weapons; ammunition; concussion devices; persons in custody; procedures for securing evidence, weapons, and ammunition; and coordination to ensure a safe operating zone.

Statement of Problem and Substantiation for Public Comment
The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item
First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification
Submitter Full Name: DONALD W WALSH PHD EMT P
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Submittal Date: Sun Oct 25 17:15:32 EDT 2015
The JPR comprises three critical components, which are as follows:

1. Task to be performed, partial description using an action verb
2. Tools, equipment, or materials that are to be provided to complete the task.
3. Decontaminating and neutralization products and systems, including self applying decontamination and naturalization products and systems;
4. Evaluation parameters and performance outcomes

Table B.2.1 gives an example of the critical components of a JPR.

<table>
<thead>
<tr>
<th>Component</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1) Task to be performed</td>
<td>(1) Perform overhaul at a fire scene, (2)</td>
</tr>
<tr>
<td>(2) Tools, equipment, or materials</td>
<td>Given approved PPE, attack line, hand tools, flashlight, and an assignment.</td>
</tr>
<tr>
<td>(3) Decontaminating and neutralization products and systems, including self applying decontamination and neutralization products and systems;</td>
<td>(3) Given approved decontaminating and neutralization products and systems (reactive skin decontamination lotion kits.)</td>
</tr>
<tr>
<td>(4) Evaluation parameters and performance outcomes</td>
<td>(4) so that structural integrity is not compromised, all hidden fires are discovered, fire cause evidence is preserved, and the fire is extinguished.</td>
</tr>
</tbody>
</table>

Statement of Problem and Substantiation for Public Comment

The proposed language changes and updates standard are submitted to match current federal agency terminology and recent changes. The proposed changes further update the standard to address weapons of mass effect (WME) and chemical warfare agents (CWAs) and current methods to decontamination and neutralization of CWAs.

Related Item
First Revision No. 1-NFPA 1072-2015 [Section No. 1.1]

Submitter Information Verification
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