



PENNSYLVANIA STATE FIRE ACADEMY HAZARDOUS MATERIALS OPERATIONS NFPA 470 – 2022 Edition

**Attention: All certification candidates are required to have an established and up to date user portal account in the PA State Fire Academy's Acadis Learning Management System prior to participating in ANY certification testing opportunity. Please log in to your Acadis portal account and update all personal information before submitting your certification application. (Access can be gained through the OSFC website – [Training and Certification Portal](#)).

Hazardous Materials Operations – Skill Stations NFPA 470, 2022 Edition: Chapter 9

	Mission Specifics (Chapter 9)	
Station M	Technical Decontamination (9.4)	Optional



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STATION M: Technical Decontamination		Reference NFPA 470 (2022 Edition) Chapter 9 Mandatory Station: JPR 9.4.1	
Test Site	Test Date	Candidate #	Check the Test Type _____Initial _____Retest

Directions: Working as a team member and given a HAZMAT and/or WMD scenario, a simulated contaminated person, all required PPE and decontamination supplies, and a decontamination line (layout), demonstrate the ability to select, don, work in and doff PPE including self-contained breathing apparatus (SCBA) and provide the appropriate technical decontamination of the person(s).

Performance Outcome: Pass / Fail is determined by **ALL** of the tasks being correctly performed.

No.	Tasks	Yes	No
1	Establishes control zones (i.e., hot, warm, cold)		
2	Established an ICS structure		
3	Selects appropriate PPE including respiratory protection required by the DECON team. [Circle One] - Level A Level B Level C Level D [Circle One] - SCBA SAR PAPR APR Other _____		
4	Verbalizes the importance of working with a technical specialist, allied professional, and SOP or response plan(s)		
5	Verbalizes advantages and limitations of operations and methods of technical DECON		
6	Assisted in preparation and lay out of a DECON line in accordance with AHJ procedure		
7	Functions as a DECON sector member and performs technical DECON		
8	Appropriately instructs contaminated person through the DECON steps: *Tool Drop *Gross DECON *Wash / rinse stations *Removes PPE (respiratory last) *Rehab medical monitoring *Evaluates effectiveness of technical DECON		
9	Demonstrated ability to perform a DECON role. Indicate which position: __Washer/Rinser __Un-dresser		
10	Properly inspects PPE and equipment prior to storage		
11	Completes documentation, reports any abnormal findings of PPE/equipment and personnel exposures		
12	Completes all tasks without compromising personal or team safety		
Please indicate skill outcome		PASS	FAIL

Evaluator Comments: _____

Evaluator Signature: _____ **Evaluator #:** _____

Hazardous Materials Decontamination Worksheet

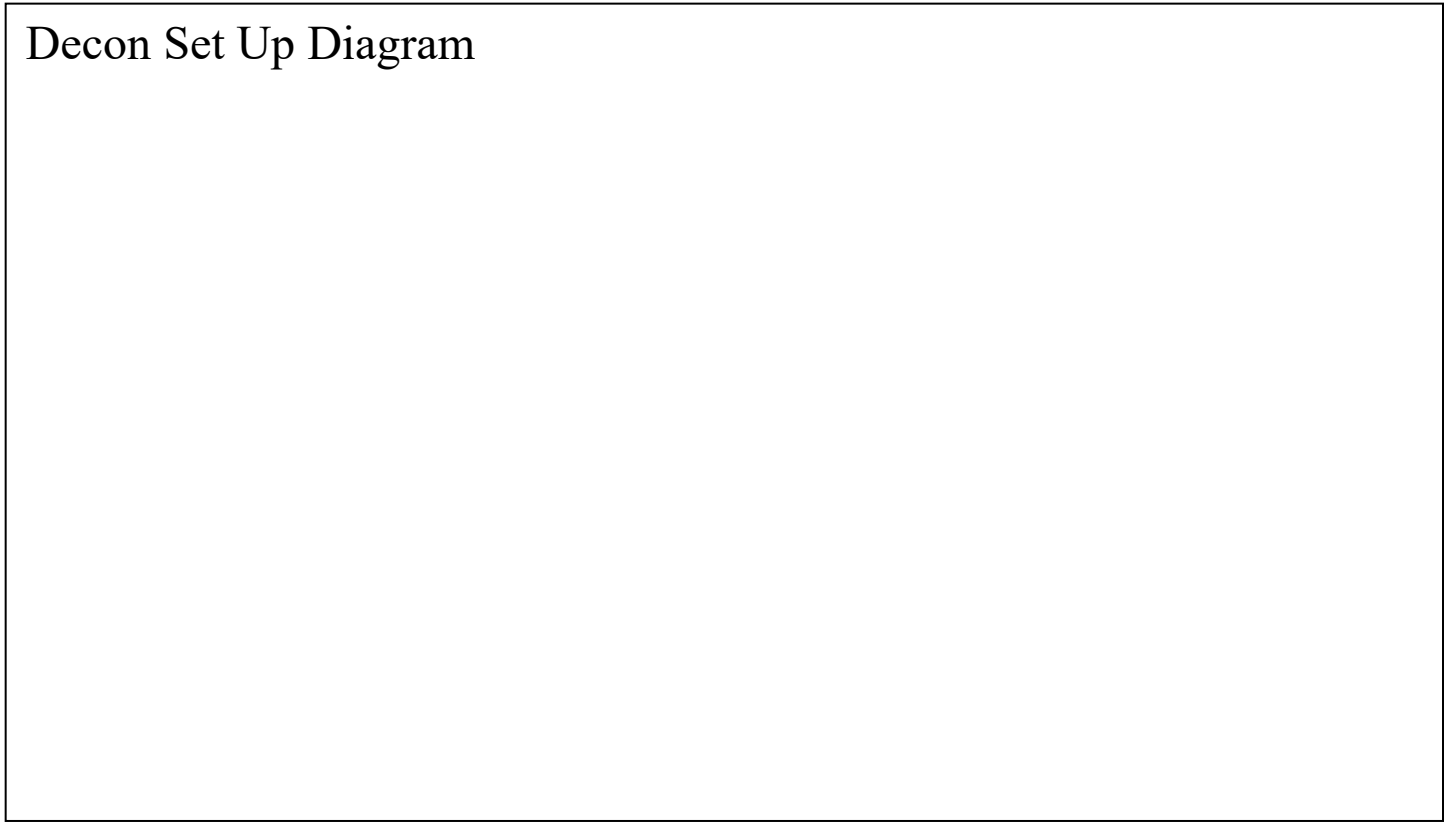
Product/Material spilled _____

Product/Material solubility _____

Chemical water reactive YES NO

Decontamination method chosen _____

Decon Set Up Diagram



Number of Persons Decontaminated _____

Notes or Comments

Report completed by: _____



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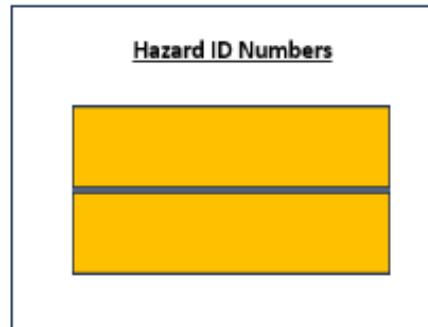
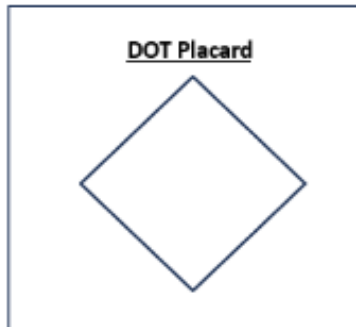
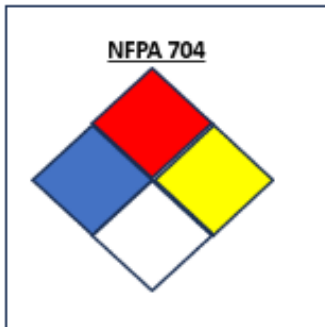
**PSFA Hazmat OPS
Hazmat Tactical Worksheet**

Incident Location: _____ Time: _____ Date: _____

Site Rep: _____ Contact: _____

ICP Location: _____

LIFE SAFETY ____ Primary Search ____ Evacuation ____ Site Access Control ____ Secondary Search ____ Medical Unit ____ Decontamination ____ Rehab	PRODUCT INFORMATION ERG Guide Page #: _____ Product Name: _____ UN ID# _____ Solid ____ Liquid ____ Gas ____ Quantity _____ Reacts with water ____ Water Soluble ____ Inhalation Hazard ____ Specific Gravity ____ Vapor Density ____ Vapor Pressure ____ TLV/Ceiling ____ IDLH ____ REL ____ Boiling Point ____ Freezing Point ____ Flash Point ____ LEL ____ UEL ____ PPE _____ Respiratory Protection _____
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Container Information

Pressure ____
Non-Pressure ____
Bulk ____ Shipping Papers ____
Transport ____ SDS ____
Other _____

Weather Information

Temp _____
Humidity _____
Wind Speed _____
Wind Direction _____

Resources on Scene



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Hazmat Tactical Worksheet**

Air Readings at Command Post

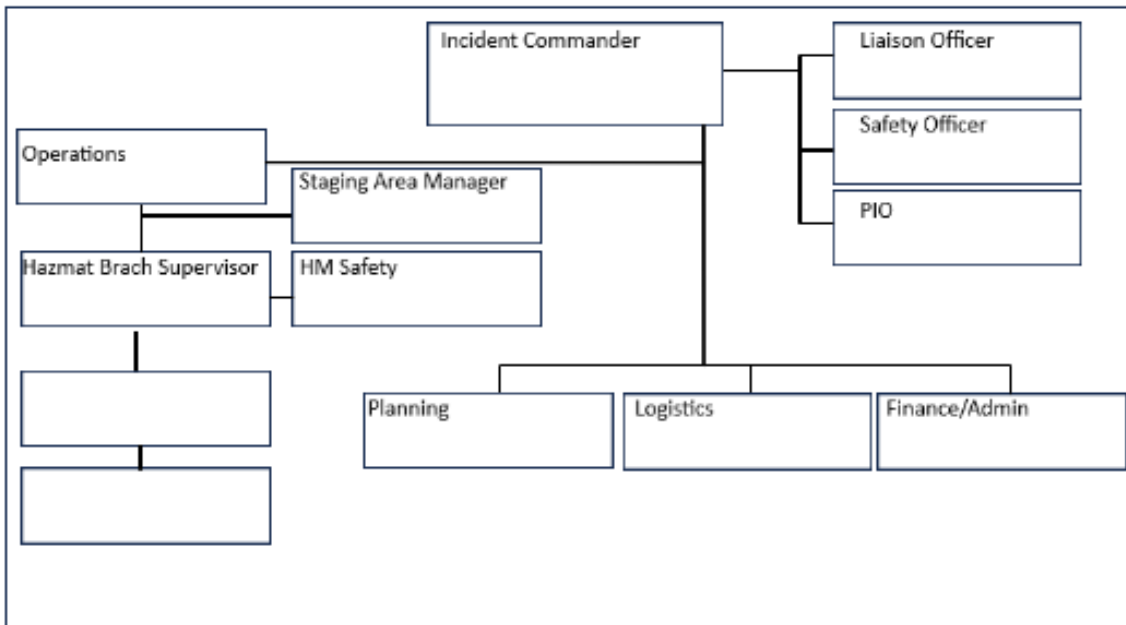
Initial Readings and at 5-minute intervals

Date _____					
Time _____	O ₂ _____%	CO _____ppm	LEL _____%	H ₂ S _____ppm	HCN _____ppm
Time _____	O ₂ _____%	CO _____ppm	LEL _____%	H ₂ S _____ppm	HCN _____ppm
Time _____	O ₂ _____%	CO _____ppm	LEL _____%	H ₂ S _____ppm	HCN _____ppm
Time _____	O ₂ _____%	CO _____ppm	LEL _____%	H ₂ S _____ppm	HCN _____ppm
Time _____	O ₂ _____%	CO _____ppm	LEL _____%	H ₂ S _____ppm	HCN _____ppm
Time _____	O ₂ _____%	CO _____ppm	LEL _____%	H ₂ S _____ppm	HCN _____ppm
Time _____	O ₂ _____%	CO _____ppm	LEL _____%	H ₂ S _____ppm	HCN _____ppm
Time _____	O ₂ _____%	CO _____ppm	LEL _____%	H ₂ S _____ppm	HCN _____ppm
Time _____	O ₂ _____%	CO _____ppm	LEL _____%	H ₂ S _____ppm	HCN _____ppm
Time _____	O ₂ _____%	CO _____ppm	LEL _____%	H ₂ S _____ppm	HCN _____ppm
Time _____	O ₂ _____%	CO _____ppm	LEL _____%	H ₂ S _____ppm	HCN _____ppm
Time _____	O ₂ _____%	CO _____ppm	LEL _____%	H ₂ S _____ppm	HCN _____ppm
Time _____	O ₂ _____%	CO _____ppm	LEL _____%	H ₂ S _____ppm	HCN _____ppm
Time _____	O ₂ _____%	CO _____ppm	LEL _____%	H ₂ S _____ppm	HCN _____ppm
Time _____	O ₂ _____%	CO _____ppm	LEL _____%	H ₂ S _____ppm	HCN _____ppm
Time _____	O ₂ _____%	CO _____ppm	LEL _____%	H ₂ S _____ppm	HCN _____ppm

Attach additional sheets if necessary

ACTIONS TAKEN

- | | | |
|---|--|--------------------------------------|
| <input type="checkbox"/> Rescue | <input type="checkbox"/> Em Decon | <input type="checkbox"/> Oil Dry |
| <input type="checkbox"/> Evacuation | <input type="checkbox"/> Pads | <input type="checkbox"/> Hazmat Unit |
| <input type="checkbox"/> Isolation Zone | <input type="checkbox"/> Booms | <input type="checkbox"/> None |
| <input type="checkbox"/> Air Monitoring | <input type="checkbox"/> Dam/Dike/Divert | <input type="checkbox"/> Other |
| <input type="checkbox"/> Deny Entry | <input type="checkbox"/> Retain | |





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**PSFA Hazmat OPS
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Site Sketch

Situation Summary and Health and Safety Briefing Information:

Current and Planned Objectives:



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PSFA Chemical Protective Clothing Inspection Form

Before Use Inspection

Visual Inspection of CPC # _____

Suit Size: _____ Suit Material: _____

Inspected by: _____

Inspection Date: _____

	Good	Unsat		Good	Unsat
CLOTHING (CPC)					
Imperfect Seams			Stiffness		
Nonuniform Coatings			Evidence of chemical attack such as discoloration, swelling, stiffening, softness		
Tears					
Malfunctioning Closures			Closure failure		
Observe for cracks			Tears		
Observe for shelf deterioration			Punctures		
Discoloration			Seam discontinuities		
Swelling					
GLOVES					
Pressurize gloves to check for pinholes					
ENCAPSULATING SUITS					
Check faceshield for			Operation of pressure relief valves		
Cracks			Fitting of wrists, ankles, neck		
Crazing					
Fogginess					