

Beaumont Fire-Rescue Services

PERFORMANCE BENCHMARKS

406.03N

Decontamination Operations

Discipline: Hazmat – Technician Level

Effective: 7/5/2011

Revised:

Replaces:

Anne Huff, Fire Chief

I. Objective

- A. The hazardous materials technician shall demonstrate the ability to set up and implement the following types of decontamination operations:
1. Technical decontamination operations in support of entry operations
 2. Technical decontamination operations involving ambulatory and non-ambulatory victims
 3. Mass decontamination operations involving ambulatory and non-ambulatory victims

II. Instructions – Procedures for Achieving the Objective

The technician, operating as a member of a team at a simulated hazardous materials incident, shall demonstrate how to perform technical and mass decontamination operations. You will be provided with the necessary equipment and water supply to set up and establish a technical contamination reduction corridor. After establishing a technical contamination reduction corridor, while wearing Level B chemical protective clothing (CPC) and a self-contained breathing apparatus (SCBA); you shall demonstrate the procedures to decontaminate responders and both ambulatory and non-ambulatory victims during a simulated hazardous materials incident. Working as part of a team you will establish a mass decontamination corridor and explain how the decontamination of both ambulatory and non-ambulatory victims will be conducted during a simulated mass casualty hazardous materials incident.

You will be graded as a team. You will begin on my instruction to start. The skill will end when you state or indicate to me that you have completed all the identified steps. Do you understand these instructions?

III. Examiner's Note

The hazardous materials technician will not be allowed to review the performance steps at the time of testing.

IV. Preparation & Equipment

- A. Emergency Response and Hazardous Materials Response Equipment
- B. Technical Decontamination Equipment
- C. Mass Decontamination Equipment
- D. Complete Level B CPC ensembles w/SCBAs
- E. One technician in Level A CPC that has been “contaminated”
- F. Dummy/manikin or a non-responder victim to be decontaminated

V. Reference Sources

See Reference Sources in PB 406.03A.

PB 406.03N – Decontamination Operations

Discipline: Hazardous Materials

Name:	Officer #:
Evaluator:	Officer #:
Date:	Location:

The Haz Mat Technician shall:

(No partial points given)

- A. Technical decontamination operations in support of entry operations
1. Properly locates Contamination Reduction Corridor upwind, uphill, and in warm zone.....P/F ____
 2. Provides protective measure to protect the environment from contamination by constructing a large catch basin with plastic.....P/F ____
 3. Sets up decon pools to contain decontamination solution run off.....P/F ____
 4. Clearly marks entrance and exit access points.....P/F ____
 5. Container available at entrance access point, in hot zone, for contaminated tools.....P/F ____
 6. Container available in CRC for contaminated CPC.....P/F ____
 7. Establishes suit removal area with suitable seating next to cold zone and takes precautions to eliminate contamination.....P/F ____
 8. Establishes water supply.....P/F ____
 9. Provides water to each decon pool area (i.e. garden hose).....P/F ____
 10. Provides brusher for decon pool(s).....P/F ____
 11. Mixes proper decon solution for use).....P/F ____
- B. Decontaminates a Technician
1. Instructs technician to put tools in tool drop container.....P/F ____
 2. Performs gross decontamination and wash at first decon pool to remove as much decontamination as possible.P/F ____
 3. Performs wash/rinse at subsequent decon pool(s).....P/F ____
 4. Assist technician with CPC removal in doffing area.....P/F ____
 5. Places contaminated CPC in proper drum.....P/F ____
 6. Cover with clean sheet.....P/F ____
 7. Instructs technician to move to medical evaluation area..... P/F ____

C. Technical decontamination operations involving ambulatory and non-ambulatory victims

1. Transfer victim to emergency decontamination area).....P/F _____
2. Flush victim with copious amounts of water).....P/F _____
3. Remove outer layers of clothing).....P/F _____
4. Flush victim with copious amounts of water).....P/F _____
5. Remove victims respiratory protection if worn.....P/F _____
6. Cover with clean sheet.....P/F _____
7. Transfer care to EMS.....P/F _____
8. Transfer information regarding the name of the known or possible chemical hazard exposureP/F _____

D. Mass decontamination operations involving ambulatory and non-ambulatory victims

1. Establishes a mass decontamination corridor in accordance with local protocolsP/F _____
2. Establishes patient triage and treatment areas for both ambulatoryP/F _____
3. Explains the mass decontamination process.....P/F _____

E. Conducts all decontamination operations while wearing full level B splash protective CPC

Time Allocation

Completes skill in allotted time..... P/F _____

Allotted time for this skill: _____ minutes _____ seconds

Actual time: _____ minutes _____ seconds

Points Possible	Passing Score	Attempt	Performance Rating (Points)	PASS	FAIL
P/F	P/F	First			
		Second			
		Third			