

**PERFORMANCE BENCHMARKS**

406.03G

Selecting Chemical Protective Clothing

Discipline: Hazmat – Technician Level  
Effective: 7/5/2011  
Revised:  
Replaces:

*Anne Huff, Fire Chief*

**I. Objective**

- A. Given scenarios of hazardous materials/WMD incidents with known and unknown hazardous materials/WMD, the hazardous materials technician shall determine the personal protective equipment for the response options specified in the incident action plan in each situation.
- B. Given three examples of various hazardous materials, the hazardous materials technician shall determine the protective clothing construction materials for a given action option using chemical compatibility charts.

**II. Instructions – Procedures for Achieving the Objective**

You will be provided the name of three hazardous materials, a selection of Chemical Protective Clothing (CPC), chemical compatibility charts and/or CPC Selection Guides, hazardous materials reference texts, and a CPC worksheet. Using the materials provided, determine the CPC compatibility with the hazardous materials, and identify the breakthrough time (in minutes). You will begin on my instructions 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. List of Hazardous Materials/WMD Agents
- B. List of CPC Material
- C. CPC Chemical compatibility charts
- D. CPC Selection Guide(s)
- E. Hazardous Materials reference texts
- F. CPC Worksheets

**V. Reference Sources**

See Reference Sources in PB 406.03A.

# PB 406.03G – Selecting Chemical Protective Clothing

Discipline: Hazardous Materials

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

The Haz Mat Technician shall: (No partial points given)

- A. Chemical #1 Name \_\_\_\_\_
1. Identifies breakthrough time (in minutes) ..... P/F \_\_\_\_\_
  2. Determined best CPC compatibility ..... P/F \_\_\_\_\_
- B. Chemical #2 Name \_\_\_\_\_
1. Identifies breakthrough time (in minutes) ..... P/F \_\_\_\_\_
  2. Determined best CPC compatibility ..... P/F \_\_\_\_\_
- C. Chemical #3 Name \_\_\_\_\_
1. Identifies breakthrough time (in minutes) ..... P/F \_\_\_\_\_
  2. Determined best CPC compatibility ..... P/F \_\_\_\_\_

**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			