

San Jose Police Department
First Responder Operations Law Enforcement
20 Hour Format

- I. Introduction
 - A. Familiarize students with Chemical Protective Clothing (CPC)
 - B. Develop officer's skills in operating in the CPC
 - C. Limitations of this training
- II. Hazardous Materials
 - A. Definitions
 - B. Standard Responses
- III. Terrorists
 - A. Definitions
 - B. Issues
 - C. Targets
- IV. Weapons of Mass Destruction (WMD)
 - A. Definition
 - B. History
 - C. Types
 - 1. Explosives
 - a. Prevalence
 - b. Ease of construction
 - c. Response protocol
 - 2. Radiological
 - a. Types
 - b. Dirty bombs
 - c. Radiation mantra
 - 3. Chemical
 - a. Nerve
 - b. Blister
 - c. Blood
 - d. Choking
 - 4. Biological
 - a. Bacteria
 - b. Virus

5. Others

V. WMD/HAZMAT Responses

- A. Protective Equipment
- B. Coordination between Fire and Police
- C. Current Capabilities
- D. Local, state and federal assistance

VI. Personal Protective Equipment Overview

A. Chemical Protective Clothing

- 1. Level A
 - a. Fully Encapsulated
 - b. Highest Level of Protection
 - c. Requires SCBA
 - d. FIRE HAZMAT USE ONLY
 - e. Mandated for Entry on Unknown Substance
- 2. Level B
 - a. Splash Protection
 - b. To Be Used with SCBA or APR
 - c. No Vapor Protection
- 3. Level C
 - a. No splash or vapor protection
 - b. Designed for perimeter work
 - c. Requires APR Respiratory Protection
 - d. Flammable
 - e. Not bullet proof
- 4. Level D
 - a. Standard Police Uniform
 - b. No Protection
- 5. Issues Common to CPC
 - a. Limited Movement, Vision, Workload
 - b. Requires Donning/Doffing Time
 - c. Equipment Intensive
- 6. Level C CPC Owners Manual
 - a. What Will My Suit Protect Me Against?
 - b. Break Through Charts
 - c. Care/Storage
 - d. Patrol Car Bags vs. Cache

B. Respiratory Protection

- 1. APR

- a. Types
- b. WMD vs. Riot Control Agent Filters
- c. Voice Amplifiers
- d. Seal Checks

VII. Medical Monitoring and Health Considerations

A. Medical Monitoring

- 1. Blood Pressure
- 2. Heart rate
- 3. Respirations
- 4. Temperature

B. Health

- 1. Cardiovascular Health
- 2. Tolerance to Heat
- 3. Hydration
- 4. Diuretics
- 5. Mental Conditioning

C. Workload

- 1. 1/3 Principle
- 2. Weather Considerations
- 3. Added Personnel Issues

D. Pre-Donning Physical

- 1. Vital Signs
- 2. Vital Signs Records/Rehabilitation Line

E. Post-Doffing Physical

- 1. Purpose
 - a. Return to Duty
 - b. Evaluate for Exhaustion/Over Exertion
- 2. Change in Vital Signs
 - a. Normal
 - b. Dangerous
 - c. Maximum Allowed Changes

F. Heat Illness/Exhaustion

- 1. Heat: Cramps-Exhaustion-Stroke
 - a. Signs/Symptoms
 - b. Prevention/Treatment
- 2. Exhaustion
 - a. Signs/Symptoms
 - b. Prevention/Treatment

G. Safety

1. Training Safety
2. Operational Safety
3. Medical Standby
4. Communication
5. Supervisor Safety Checks
 - a. Thumbs Up/Name Recital
 - b. Assessing the Eyes

VIII. Level C Gear Operations

A. Storage

B. Donning

1. Proper Order
 - a. Respirator
 - b. Suit
 - c. Boots
 - d. Gloves
 - e. Tape
 - f. ID Vest
2. Buddy System
3. Proper Taping with Pull Tabs
4. Self-Check
5. Buddy Check
6. Marking CPC with Name (If time allows)

C. Doffing

1. Contamination Principles
2. Buddy System
3. Order
 - a. Tape
 - b. Boots
 - c. Gloves
 - d. Suit
 - e. APR
4. CPC & Filter Disposal
5. APR NOT Disposable

D. Equipment Security During Decontamination

1. Weapons/Leather Gear/Radio
2. Designated Equipment Officer
 - a. Role/Responsibility

b. Positioned Prior to Decontamination Corridor

E. Communication

1. Issues

- a. APR Impedes Voice
- b. Overcome by Use of APR Voice Amplifier
- c. Crowd/Radio/Fire Rig Noise

2. Hand Signals

- a. Mask Failure Signal (Fist Clenched over face)
- b. Fit to Continue/Ready Signal (Thumbs up)
- c. Basic Crowd Control Formation Signals
- d. KISS Principle

F. Level C is NOT Escape Gear

1. Time Consumption to Don
2. APR is Priority

IX. Implementing Level C Equipment

- A. Response Priorities
- B. Don't become another casualty

X. CPC Practical-Basic

XI. Fire HAZMAT Operations

A. Response

1. [REDACTED]

2. HAZMAT Trailer

3. [REDACTED]

4. ETA

B. Priorities

1. Isolate/Prevent Further Exposure
2. Identify Agent
3. Determine Level of PPE
4. Neutralize Agent
5. Decontaminate

C. Detection Equipment

1. What Can Be Rapidly Identified?
2. What Cannot?
3. Proximity to Agent

D. Level of PPE

1. Unknown Agent Mandates Level A
2. Will Advise Commanders on Scene

XII. Decontamination

- A. Definition
- B. Purpose
- C. Rationale
- D. Contamination Reduction Corridor
- E. Types
 - 1. Gross
 - 2. Technical/Secondary
 - 3. Public Safety Technical Decontamination
 - 4. Emergency DECON

XIII. Police Duties Wearing PPE

- A. Driving
 - 1. Peripheral vision obscured by mask
 - 2. Head on a swivel
 - 3. Finger Dexterity reduced by gloves
- B. Firearms
 - 1. Peripheral vision obscured by mask
 - 2. Shoulder weapons vs. handguns
 - 3. Finger dexterity reduced by gloves
- C. Defensive Tactics/Arrest and Control
 - 1. Avoiding “hands on” incident in PPE
 - 2. What is a threat to the officer in PPE?
 - 3. Dangers of over exertion
 - 4. Less lethal tools
 - 5. Hand dexterity reduced by gloves

XIV. Force Protection

- A. Limitations of Fire Personnel
 - 1. Not Police Officers
 - 2. Unarmed
- B. Need for Security
 - 1. Uncooperative Victims
 - 2. Suspect Escaping Through Decontamination Line
 - 3. Arrestee Escort Through Decontamination
 - 4. HAZMAT Group Not Expendable/Difficult to Replace
- C. Decontamination Security Element
 - 1. Roles
 - a. Skirmish Line
 - b. Security Element
 - c. Director

- d. Victim Escort Team
- e. Team Leader
- f. Flank Security/Rovers/High Ground Observers
- g. Weapons Security Officers/Evidence Officers

- 2. Investigative Assignments /Follow on Personnel
- 3. Crowd Control Tactics
 - a. Formations
 - b. Less Lethal Devices
 - c. Communication
 - d. No Independent Action
- 4. Positioning
- 5. Force Options
 - a. Use of Force
 - b. Lawful Detentions
 - c. Contaminated Victims Wanting to Leave
 - d. 148 PC-Interfering with Firefighters
- 6. Force Protection Video
- 7. Multiple Scenes
- 8. DECON Security Practical Exercises

- XV. Program Review
 - A. WMD Principles
 - B. First Response Role
 - C. Level C Gear
 - D. Safety
 - E. Fire Roles
 - F. Decontamination
 - G. Police Duties Wearing PPE

- XVI. Practical Exercise
 - A. Donning
 - B. Movement
 - C. Performance in active environment
 - D. Perform police functions
 - E. Officer down rescue
 - F. Decontamination Line
 - G. Doffing
 - H. Medical Monitoring and Rehab
 - I. Conclusion and Debrief

- XVII. Class Closure