

STC Course Certification Lesson Plan

Course Name: Chemical Agents (O.C.)	
Course Hours: 4	Min Class Size: 5 Max Class Size: 16
<p>Course Summary: (Brief description of the course) Students will learn legal aspects, proper use, deployment tactics and decontamination for the chemical agent Oleoresin Capsicum (OC) for field probation and juvenile custody environments. Emphasis will be placed on the proper and lawful deployment of OC by the officer. This course meets basic chemical agents training requirements for Probation Peace Officers per CA PC 12403.</p>	
<p>Performance Objectives: (What the trainees will be able to do at the conclusion of the course.) Understand the legal aspects of OC Know and recognize its physical and psychological effects Demonstrate proper deployment and retention Understand OC as an intermediate level of force and transitioning to alternative force options Identify and recognize various components and spray patterns of aerosol canisters Know how and why proper decontamination is critical</p>	
<p>Justification for Class Size Less than 16: Based on departmental need. Initial internal certification for field probation and custody officers to carry OC spray.</p>	
<p>If testing is required, check applicable tests. <input checked="" type="checkbox"/> Performance (Behavior Skills) <input type="checkbox"/> Multiple Choice (Job Knowledge)</p>	
<p>Lesson Plan: Best practices indicate detailed lesson plans enhance the development and delivery of training. Lesson plans help ensure quality training delivery by providing detailed information about the delivery of instructional objectives, instructional methodology, testing, and classroom activities. Furthermore, lesson plans provide written documentation of training. The lesson plan must be in such detail that a substitute instructor with requisite knowledge of the subject could teach from the lesson plan without contacting the instructor for clarification.</p> <ul style="list-style-type: none"> – Room Set-Up: (Describe below how the classroom needs to be set up (e.g., classroom style, small group, theater, etc.)) 2 venues required or 1 flexible venue Lecture set-up required with ability to show power point for initial 3 hours of course. Last hour require adequate physical space for students to move while deploying inert pepper spray on static targets of various distances. – Instructor Material(s)/Equipment Needed: (Indicate below all material and equipment needed, including handouts and reference material for the class or module.) Power Point Department UOF Policy Juvenile Hall OC Policy – Time for Each Section or Exercise/Activity: (In the "Training Agenda" below, specify the beginning and end time or amount of time needed for each exercise/activity, section, or topic.) – Trainer's Speaking Notes: (per section) (Include below any notes to remind the trainer of anything pertinent in that section. This may include key concepts, targeted responses, activity instructions, etc. It is not necessary to capture everything the instructor will say, for example, stories drawn from the instructor's own experience to illustrate or underscore a key concept would not necessarily be included. This should be written to a level that a person that is familiar with the content and course could step in and complete the training.) See Instructor Notes on power point slides 	

I. Introductions:

A. Instructor & Students Intros:

1. Instructor provides brief bio w/ career exp.
2. Have students introduce themselves: Name, rank, experience, work location/assignment, shift

B. Introduce Course

- Review Course Objectives and format for course
 - Understand the legal aspects of OC
 - Know and recognize its physical and psychological effects
 - Demonstrate proper deployment and retention
 - Understand OC as an intermediate level of force and transitioning to alternative force options
 - Identify and recognize various components and spray patterns of aerosol canisters
 - Know how and why proper decontamination is critical

II. Chemical Agents Laws

A. CA Penal Code 12403 legal uses of Chem agents

1. Riot and Crowd Control
2. Make Arrests
3. Overcome resistance
4. Prevent Escape

B. CA PC 22820

1. Peace officer required to complete this course prior to use in scope and course of duty

C. Civilian Restrictions

1. No statutory pre-requisites
2. limited to 2.5 ounce aerosol canisters

D. Who and where Chem agents may and may not be possessed

1. May not
 - Persons convicted of misuse
 - Convicted Felons
 - Convicted criminal assault
 - Narcotics addicts
 - Other related code sections
 - PC 22840- misd to bring into prison or jail
 - PC 22810- may be used for self-defense
 - PC 22810(g)(1)- Felony to use offensively

III. Peace Officer Authority and UOF review

A. PC 835a

1. Any peace officer who has reasonable cause to believe that the person to be arrested has committed a public offense may use reasonable force to affect the arrest, to prevent escape or to overcome resistance.
2. A peace officer who makes or attempts to make an arrest need not retreat or desist from his efforts by reason of the resistance or threatened resistance of the person being arrested; nor shall such officer be deemed an aggressor or lose his right to self-defense by the use of reasonable force to effect the arrest or to prevent escape or to overcome resistance.

B. Use of Force

1. Chemical agents are considered an intermediate level of force and require active resistance and a threat of harm prior to deployment

C. Levels of force

1. Non-Deadly

- Professional Presence
- Verbal Commands
- Empty Hand Techniques
- Objectively reasonable; Defense of Self/others
- Effect arrest, overcome resistance, prevent escape (PC 835a)

2. Deadly Force

DF= Force with substantial risk of serious bodily injury/death

Objectively reasonable: Defense self/others: PC 835a + active resistance + Threat SBI/Death

Also: Fleeing felon=PC to believe violent felony/imminent threat

IV. Oleoresin Capsicum

A. What is it?

1. CAPSICUM-Pepper Oil

OLERESIN-Oil or Resin of a plant

OLERESIN CAPSICUM- O.C. (Oil of Pepper)

Pungency-Intensity

Scoville Heat Units (SHU)-How Hot Is It?

- Green Bell Pepper=0
- Jalapeno=5,000 SHU

B. Delivery Systems

1. Ballistic Stream

- Concentrated Stream
- Less Likely to Contaminate others (Fellow Officers, Bystanders, others in-custody)
- Maximum Range 12 to 14 Feet
- Most Popular in Institutions and Field Conditions

2. Foam

- Sticks to Subject being Sprayed
- May contain Dyes
- Easily blown by A/C or Wind
- Maximum Range 5 feet

3. Gel

Deploys from canister as solid stream

Reduces collateral contamination

Turns to liquid upon contact

Increased distance & accuracy

- MK-4/MK-3

Most Popular

Easy to Use

Easy to Carry

3.0 OZ

22: .13 OZ One Second Bursts

- MK-9

Institutional Size

Excellent for cell, yard, unit deployment

Crowd Control/Riot

Eight: 4 OZ. One Second Bursts (Half of MK-4 can)

5. MK-6

- Easy to carry on belt or purse
- .68 OZ.
- Eight 0.08 OZ. 1 Second Bursts
- Range 8-10 Feet

C. Make Up

1. Defense Technology- First Defense Spray 10% solution

Carrier

- 50% Distilled Water
- 35% Ethyl Alcohol
- 5% Propylene Glycol

Active Ingredients

- 6% Distilled Water
- 4% Oleoresin Capsicum

D. Propellants

1. Defense Technology® OC aerosol canisters sold to Law Enforcement utilize three (3) distinct propellants:

- a. Nitrogen (naturally occurring gas) – used in the stream products;
 - b. Dymel 134a (hydrofluorocarbon) – Non-ozone depleting liquefied propellant used in our Fogger and Foam products; and,
 - c. Compressed Air (mixture of naturally occurring gases) - used only in our 360° products that utilize a bag system.
2. It is important to know about the contents of an aerosol chemical agent product as some are known to be flammable

V. The Canister

A. Components

1. See diagrams power point slides 26 & 27

VI. Physical and Psychological Effects

A. Symptoms

1. Involuntary Closure of Eyes, tearing of eyes, Inflammation of the respiratory system, Swelling of mucus membranes, Significant panic, disorientation, Fear
2. 0.005% of Population may have a Severe Allergic Reaction to Peppers, Anaphylaxis Shock may result
 - Watch for Breathing Problems and Swelling of the Tongue and Throat
 - Seek Emergency Medical
3. Minimum Distances from Subject:
 - MK-3 3 Feet
 - MK-4 3 Feet
 - MK-9 6 Feet
 - Prevents Hydraulic Needle Effect and Permanent Eye Damage!

VII. Safety Precautions

A. Effectiveness

1. Not 100% Effective on Everyone varies in each person, High Threshold of Pain lessens effectiveness, Drugs or alcohol on board, Mental Health Status WIC 5150/5585.5. Most failures due to poor application, **Always** have a plan B/ Transition to other force options

B. Deployment Considerations

1. Carrying

- Make it secure but available to either hand
- Deployment- secure grip, thumb on cap, full range of motion, combat stance
- Retention- Deploy & return, support hand up to protect face
- Transition as needed- control hold, restraints, other force options

2. Use the Element of Surprise

- Center line up to face
- Figure eight once on target

No show and spray, do not hold canister out at suspect, be prepared if ineffective or canister malfunctions

3. Volume of Spray

More is Not Better, 1-3 Second Burst is adequate, reapply second burst, after a few moments to assess if no reaction /inadequate reaction/ poor application

4. Deployment Formula

- 1. Spray
- 2. Verbal Commands/Assess
- 3. Restraints/Verbal commands
- 4. Take down/Control/Restrain
- Footwork
Deploy then move, Drawing Canister- Access from primary & support side, Grip, Keep Defensive Hand Available, Hands Out of the Spray Stream, Thumb over cap, Stance, Combat Stance
- Securing Subject
Verbal Commands, "DO IT NOW!", "I can help you if you cooperate", "I can make the pain go away"
Custody Handling, Restraints then Decontaminate

VIII. Decontamination

- First Aid and decontamination is the responsibility of the peace officer using the chemical agent
- There has been more civil liability resulting from officers who do not decontaminate properly or who leave suspects unattended after the arrest/incident than with the direct use of the agent itself
- Expose the suspect to fresh air or wind
- Flush the eyes and face with cool water
- Re-assure the person sprayed
- Monitor breathing and consciousness
- Seek medical help if symptoms persist
- Symptoms lasting more than 30 minutes or extreme difficulty breathing call for EMS
- Never leave suspect unattended

VIII. Use of Force Reporting

- **Key Elements**
- Who- Officers, subjects, witnesses
- What- What was observed, going on, behavior, of subject, prior knowledge
- When- Time of day, scheduled activity,
- Where- exact location, unit, address, room, etc.
- Why- protect self, others, end fight, escalation or de-escalation of force
- How- How much=1-3 second burst, x# bursts, effective application?

X. Skill Building

- **Dry Practice**

- Have group practice drawing and presenting OC canister to target with proper grip, stance and movement off line of attack.
- **Inert OC Delivery**
- MK-4 Practice with movement off line of attack during draw, verbal commands, using midline of offender to ride stream into face between mouth and brow, figure eight technique, 1-3 second burst
- MK-9 Practice with movement off line of attack during draw, verbal commands, using midline of offender to ride stream into face between mouth and brow, figure eight technique, 1-3 second burst

XI. Q/A & Evaluations

- **Handout/Classroom Materials:**

(The distribution of handouts and classroom materials should be noted in the section of the lesson plans where the distribution occurs.)

Printed copy of Power point with photos, diagrams, and other info will be given to students.

Department Use of Force Policy

OC section from Juvenile Hall Policy & Procedure Manual for custody officers

Demonstration Materials- OC canisters of differing sizes, shapes, configurations

Multiple Choice Test

Multiple Choice Test Answer Key (instructor Only)

Students will each need duty belts with keepers and MK-4 pouch

MK-4 Inert canisters 1 for each student

MK-9 Inert canisters with holster 1 for every 3 students

Target stands

Threat Targets

- **Testing Type and Description of BST/WST completion (if applicable):**

Multiple Choice (Job Knowledge)

All students will take and complete MCT to ensure they have acquired and retained the critical information related to OC and use of force involving OC. Each student must pass test with 80% or better score.

Performance (Behavior Skills)

All students must demonstrate proficiency in proper draw, index and application of MK-4 & MK-9 OC spray.

Training Agenda

Time Begin	Time End	Subject or Topic	<i>Select one or more</i> Lecture Group /Discussion Demonstration Group Exercise Trainee Practice Evaluation	Instructor(s)
800	810	<i>Instructor Introduction Student Introduction Introduction of Course, Objectives and Format</i>		
810	825	<i>Chemical Agents Laws</i>	<i>Lecture</i>	
825	845	<i>Peace Officer Authority and UOF Review</i>	<i>Lecture, Discussion</i>	
845	900	<i>Oleoresin Capsicum</i>	<i>Lecture</i>	
900	910	<i>Canister: Components</i>	<i>Lecture</i>	
910	930	<i>Physical & Psychological Effects</i>	<i>Lecture</i>	
930	945	<i>Safety Precautions</i>	<i>Lecture</i>	
945	1000	<i>Decontamination</i>	<i>Lecture</i>	
1000	1025	<i>Use of Force Reporting</i>	<i>Lecture, Discussion</i>	
1025	1035	<i>Break</i>		
1035	1145	<i>Skill Building Dry Practice-Draw w/ Verbal Commands and movement Inert OC Deployment on threat target w/ MK-9 and MK-9 spray canisters</i>	<i>Trainee Practice & Evaluation</i>	
1145	1200	<i>Question and answer Evaluations</i>		