

RANGE AND TRAINING REGULATIONS

Chamber Shall Be Aired out for 30 Minutes Prior to Inspection

Range/Facility: 43 Area Gas Chamber	Allowable Munitions: CS Capsules	Range Facilities: Two Separate Chambers; Positive (filtered) ventilation; Flag Pole
Assigned to: CO, MCB Date Revised: 17 June, 2009	Location: 61168 88930	



Scheduling

1. All scheduling requests for 43 Gas shall be submitted via their battalion.
2. Unit will utilize RFMSS to schedule range.
3. **Up to two units can be scheduled on this facility at a time**

General Instructions

1. **A safety Brief will be conducted prior to each event to all participants.**
2. **OIC & RSO Requirements -**
 - a. **CS Capsules (MOS 5702/5711 and/or equivalent and be assigned to the event on the unit ORM)**
 - i. **OIC Requirement – GySgt or Above**
 - ii. **RSO Requirement - SSgt or Above**
 - b. **No Munitions**
 - i. **OIC Requirement – None**
 - ii. **RSO Requirement – Cpl or Above**
3. IOT **occupy** or to go into a training status on this facility unit must have the following personnel/equipment:
 - a. RSO
 - b. Corpsman & Safety Vehicle
 - c. Positive Communication with LONGRIFLE
 - d. **An ORM reviewed and signed by the Command & RSO.**
4. IOT to go into a **HOT** status on this facility unit must have the following personnel/equipment:
 - a. OIC
 - b. RSO
 - c. Corpsman & Safety Vehicle
 - d. Positive Communication with LONGRIFLE
 - e. **An ORM reviewed and signed by the Command & RSO.**

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Special Instructions

1. Units will provide appropriate government transportation to and from the chamber; individuals participating in the training will not be allowed to drive their POVs to/from the chamber.
 - a. Participants will not operate military or **personal vehicles** for *at least 30 minutes* following the completion of the chamber exercise.
2. The **safety brief** will be conducted by OIC & RSO. The brief will address:
 - a. Proper donning, fitting, and doffing (removal) of the field protective mask and IPE.
 - b. Field protective mask serviceability checks in accordance with the appropriate technical manual.
 - c. Use of the "buddy" system where personnel inspect mask and IPE fit prior to entry.
 - d. Personnel must continuously observe each other during conduct of the exercise.
 - e. Individual conduct, actions, and events performed during the exercise including entrance into the facility, required performance in the facility, and exiting the facility.
 - f. Emergency procedures for the facility will be addressed.
 - g. *The brief will also be used as a screening method to ensure all personnel who are about to participate in the chamber exercise are medically qualified to do so.*
 - h. All participating personnel must be screened by the medical personnel present at the chamber, e.g. unit Corpsman, to ensure they are in good health and are not suffering from any ailments that would preclude personnel from participating in the exercise (*e.g. pregnancy, dental surgery within the last 48 hours, open wounds, or exposed rashes*).
 - i. An adequate water supply must be made available at the exercise site and personnel are encouraged to drink plenty of water prior to, during, and after the exercise.
3. An **exit brief** will be conducted to cover the following:
 - a. Prevention of contamination and residual contamination effects after the exercise.
 - b. Instruct personnel to air out IPE for a couple of hours upon return to barracks/quarters.
 - c. Individuals should start with a cool shower first, since an initial warm shower will activate the CS agent residue. Personnel may feel agent effects when showering but these effects will last only a short time.
4. **OIC & RSO**
 - a. Conduct all Safety briefs.
 - b. Ensures a safety vehicle and nonparticipating Corpsman and driver are on-site.
 - c. Supervises the preparation and conduct of the exercise.
 - d. Monitor CS agent concentration buildup inside the chamber.
 - e. Ensures extra IPE and parts are available.
 - f. Ensures the chamber is ventilated and policed after the exercise.
 - g. Briefs primary and assistant instructors on safety requirements.
 - h. Supervises the IPE Confidence Exercise training.
5. **Primary Instructor**
 - a. Will be a Corporal or above and must possess the MOS 5702/5711.
 - b. Inspects the fit of IPE worn by any assistant instructors.
 - c. Inspects the fit of participants' IPE.
 - d. Assigns participants to pair-off (buddy system) to check each other's protective mask and IPE fit prior to the instructor's inspection. For safety, the pair will continue to monitor each other during the exercise.
 - e. Briefs participants on characteristics and effects of CS agent, on proper fit of masks and IPE, and on exercise procedures.
 - f. Conducts exercise and/or delegates appropriate duties to assistant instructors.
 - g. Assembles participating personnel upwind from the facility and conducts final safety brief and mask/IPE inspections.
6. **Assistant Instructors (as required)**
 - a. Maintain proper CS agent concentration.
 - b. Regulate the safe flow of personnel in and out of the chamber.
 - c. Closely observe personnel in the chamber.
 - d. Guide exiting personnel away from the chamber and face them into the wind. Use other personnel participating in the exercise as additional guides, if required.
7. **Medical Personnel**
 - a. A Corpsman will be present at all times during the exercise.
 - b. A Corpsman will brief the personnel attending the chamber on the medical conditions that would prevent an individual from entering the CS Chamber.

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- c. Personnel who believe they have a medical condition that may prevent them from entering the chamber will not be allowed to enter the chamber without the Corpsman's approval.
 - d. Corpsmen are familiar with the effects of CS and heat stress.
 - e. Corpsman will also have IPE readily available in case they have to enter the facility and tend to an emergency.
- 8. Chamber Use**
- a. **Doors shall remain with the panic bar locked "OPEN" during the duration of training.**
 - b. **Inside and outside doors of "Man Traps" shall not be opened at same time.**
 - c. *No more than 10 personnel per instructor will be allowed in the chamber at a time*
 - d. To initially charge the chamber no more than **5 CS agent capsules** shall be used.
 - e. A heat source will be used to melt the CS particles.
 - f. Each capsule will be individually opened and emptied on the heat source.
 - g. The CS particles will melt and release the CS vapor into the chamber air.
 - h. Instructors will exercise caution to ensure the heat source does not emit harmful vapors.
 - i. At the conclusion of each IPE Confidence Exercise iteration and after the participants have exited the chamber; **add only one capsule per 10 new personnel** entering the chamber in order to maintain the concentration of CS at the appropriate level.
 - j. Only appropriate/approved CS agent capsules will be used to conduct IPE Confidence Exercise conducted within a chamber.
 - k. The total length of time in the chamber shall not exceed 15 minutes.
- 9. To Exhaust CS**
- a. Pull the **Red Knob Hot Button** located by the vestibule door.
 - i. When pulled, the ventilation system will exhaust the CS Gas by opening the motorized dampers and pulling the gas through the mechanical room and exhausting the gas through the ventilation stack to the outside air.
 - ii. To shut off the ventilation system push the **Red Knob Hot Button** and the system will shut down automatically.
 - iii. Vent Chamber for a minimum of 30 minutes prior to calling for an inspection.
- 10. Harassment or any unnecessary events or actions are prohibited.**
11. Assistant instructors will roam the chamber and observe individuals closely for any physical difficulties, leaking masks, and/or panic and assist the participants as required.
12. *Personnel cleaning the chamber must be in complete IPE and practice caution at all times.*
- a. Nonparticipating personnel should not be permitted in the immediate area during chamber cleaning.
- 13. Ordering Chamber Facility Filters**
- a. Submit requests for filters (or any maintenance for facility) to Base Range Maintenance (760) 725-4852.
 - b. The activated charcoal impregnated filter (large black one) shall be changed annually. Date of change shall be posted in the filter room
 - c. The smaller filter shall be changed quarterly or when the filter is clogged (which ever occurs first). Date of change shall be posted in the filter room.
 - d. Filters can be ordered from Burke Environmental (310) 671-6915.
 - i. Part number: HEGA-3653 Size 24x24x12
 - ii. Part number: BGPP-65 Size 24x24x4
14. Nonparticipating personnel should not be permitted in the immediate area during chamber cleaning.

Medevac Planning Information

Name	Address	Travel Time		Phone	Helipad		Burn/Trauma	
		Air	Grnd		Yes	No	Yes	No
US Navy Hospital Camp Pendleton - NHCP	Bldg H-100 Camp Pendleton	3	10	760-725-1611	X			X
Tri City Medical Center - TCMC	4002 Vista Way, Oceanside	8	20	760-940-3507	X			X
Mission Medical Center	27700 Medical Center Rd. Mission Viejo	10	30	949-364-1181	X		X	
Scripps, La Jolla	9888 Genesee Avenue La Jolla	10	40	858-626-6151	X		X	
Palomar Medical Center - PMC	555 E. Valley Parkway Escondido	10	40	760-739-3301	X		X	
UCSD Medical Center - UCSD	200 W. Harbor Drive San Diego	20	60	619-543-2154	X		XX	