

RANGE AND TRAINING REGULATIONS

Range: R-109	Lateral Limits: Left from grid 62374 89443 at 128° mag Right from grid 62343 89420 at 138° mag	Min/max Engagement Distance: Min 1 meter Max 40 meters	Range Facilities: Four (4) live-fire throwing bays; two (2) practice throwing bays, ammo issue bunker, observation tower, bleachers, port-a-johns
Location: 62340 89430	Boundaries: 62374 89443 to 62343 89420 62398 89416 to 62363 89385		
Type: Hand Grenade Range			
Troop Penetration Line: Not beyond throwing bay area while the range is in a hot status	Impact Area: X-Ray Impact Area	Range Phone Number(s): 760-763-0965	Allowable Wpns: Grenades
			Assigned to: CO, MCB

Date Revised:
24 January, 2007

GENERAL INSTRUCTIONS

- 1. A safety Brief will conducted prior to each live fire event to all participants.**
- IOT occupy this range unit must have the following personnel/equipment:
 - RSO
 - Corpsman & Safety Vehicle
 - Positive Communication with LONGRIFLE
 - If ammunition is present on range - Ammo Guards will be armed.
- IOT go into a hot status on range unit must have the following personnel/equipment:
 - OIC
 - RSO
 - Corpsman & Safety Vehicle
 - Positive Communication with LONGRIFLE
- 4. RSO will verify the left and right lateral limits utilizing a compass and map.**
 - Overall range lateral limits will be identified.
 - Each firing position lateral limits will be identified.
- The RSO & OIC will personally observe each live fire event.
- 6. A signed ORM must be on hand IOT conduct training.**
- 7. A non-participating Corpsman will be stationed with safety vehicle.**
- 8. A full rehearsal will be conducted prior to live fire.**
- 9. Unit is required mark/post signs for any lateral limits and/or MSLs listed in this brief if not already marked/posted.**
- 10. At no time will any unit go from live fire to blank or SESAMS force-on-force within a 24 hour period**
- 11. At any time Range guards are required, they will be posted in pairs with positive communication with the RSO.**
- Ammunition will only be issued per event and accounted for on NAVMC 11381.
- After each event, unit leaders will conduct a line out.
- Each RSO will certify to the OIC that all weapons are in Condition 4 prior to exiting the range and all ammunition is accounted for.
- Ensure all weapons are cleared and inspected prior to departing the firing line.
- All weapon malfunctions shall be corrected per the appropriate TM/FM, and unit SOP.

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SPECIAL INSTRUCTIONS

1. Holding point #1 is at the bottom of the stairs near the practice bay area. This is the limit of advance for all future relays. Personnel will remain at or behind this point until signaled to advance to the grenade issue point (holding point #2).
2. Holding point #2 is the grenade issue point designated by the wooden bunker. The only authorized personnel at this point are the grenade issue person and the next relay. This next relay of throwers will remain inside the bunker until directed to advance to the throwing pits.
3. **The entire range is inside the 150 meter SDZ (frag pattern). All personnel will wear Helmets, flak jackets, hearing protection and proper eye when the range is in a hot status, and HE grenades are being thrown.**
4. Safety vehicle should be parked by the bleachers facing away from the range.
5. POV's are not authorized to be on this range. POV's should be parked at the 43 Area football field.
6. Dud sweeps on this range shall be conducted by qualified EOD personnel only.
7. HE grenades shall be thrown one at a time and into the impact area only. Pit area - from 62374 89443 to 62343 89420 to 62398 89416 to 62363 89385.
8. In the event of a dud, training must cease. Notify LONGRIFLE for EOD support. Training shall not resume until authorized by LONGRIFLE.
9. Should bays #1 or #2 experience a dud, training shall cease on that side of the range. Notify LONGRIFLE immediately. Training may continue in bays #3 and #4 if authorized by LONGRIFLE.
10. Should bays #3 or #4 experience a dud, training shall cease on that side of the range. Notify LONGRIFLE immediately. Training may continue in bays #1 and #2 if authorized by LONGRIFLE.
11. If a dud is experienced on both sides of the range, all training shall stop until EOD has cleared the range.
12. Grenade ranges shall cease training one hour prior to sunset. In the event a dud grenade is not cleared before reduced light conditions, the using unit shall provide a guard force until the grenade can be cleared.

NOTE: EOD's minimum response time to grenade ranges is one hour.

13. The RSO and COMM assets shall be inside the observation tower while in a hot status. Other authorized personnel in the tower are: OIC, and no more than four (4) observers.
14. All personnel not in the throwing bays, observation tower or holding point #2 shall be located no closer than holding point #1 or the practice-throwing bays while the range is in a hot status.
15. All grenades impacting outside the designated impact area shall be reported to LONGRIFLE
16. Range guards shall be posted at 62131 83951, 62388 89645, and 62367 89698 with a "grenade training in progress" sign, and two-way radio communication with the RSO. No traffic/personnel shall enter the range without the RSO's permission.
17. No training shall be conducted when there is standing water or mud in the impact area.
18. Using units shall drag the impact area, to include the practice bays, with a raking device provided on site before departing the range.
19. Practice and non-lethal grenades shall be thrown in practice grenade bays only. The using unit shall police residue from these grenades.
20. Helicopters may over fly the area at 1,000' AGL and above
21. Practice and non-lethal grenades shall be thrown in practice grenade bays only. The using unit shall police residue from these grenades.
22. **Firing conditions for fragmentation and offensive grenades**
 - a. Safety clips on fragmentation and practice grenades will not be removed until immediately before the safety in is removed. Once the safety pin has been pulled, the grenade will be thrown. No attempt will be made to reinsert the safety pin or tape the safety lever (spoon). The safety lever will not be released for any reason on HE grenades until the grenade exits the throwing hand at the command of the ARSO.
 - b. All personnel must be proficient in the safety precautions for handling and throwing grenades before live grenade training begins. Successful completion of practice grenade training is mandatory prior to live grenade training.

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MARINE CORPS BASE
CAMP PENDLETON

R109 Grenade Range



RCO

Dec 28, 2005



Locator Map

