

Approved by Director: Dr. Guy Vallaro

A. Purpose:

1. To obtain test fired cartridge cases and shot shells, and test the operability of firearms which cannot be fired in the water recovery trap. The indoor range bullet trap will render the fired bullet unsuitable for comparative examinations.

B. Responsibility:

1. It is the responsibility of the examiner to ensure the indoor range trap is suitable for use. He or she must first check to ensure the fluid level is sufficient, ventilation system is working properly and the safety warning devices are functioning before any test firing in this safe designated laboratory area.

C. Safety:

1. Appropriate hearing and eye protection must be used.
2. The examiner must consider the practicality and/or desirability to wear some form of bullet resistant clothing or additional face shield at his or her discretion.
3. If another person(s) are present during this process this individual(s) will also take the same precautions of wearing eye and hearing protection.

D. Procedure:

1. Check the fluid level of the trap to ensure it is sufficient and that the fluid is cascading properly over the front of the trap.
2. Turn on warning light device for hallway.
3. Turn on exhaust ventilation so that it draws fumes from the room.
4. Load the firearm with two cartridges while the firearm muzzle is pointed in a safe direction down range. Once the firearm is in this position the action of the firearm can be closed.
5. Test fire the firearm and render it safe and clear of ammunition.
6. Retrieve the test fired cartridge cases from the floor of the range.

E. Equipment:

1. Indoor firing range

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F. References:

1. Laboratory safety manual
2. AFTE procedures manual