



May 24, 2023

CFO Range Inspection Summary – HPRC May 17, 2023

I wanted to reach out to give our members an update on our recent CFO Inspection.

A CFO full Range Inspection was completed this year for both our indoor and outdoor ranges.

In summary, we passed our inspection with flying colors!

I would like to thank those members who have/continue to help us maintain the high standards of safety here at HPRC.

A quick summary of the CFO visit is outlined below.

INDOOR RANGE

The CFO was very complimentary of our Club. Since our last inspection the Club has done many new things to enhance and maintain our overall safety and compliance.

As part of the new CFO requirements added this year, moving forward all ranges are required to now maintain a Protected Zone (also referred to as a Cone of Fire).

The Cone of Fire is measured by way of a 15-degree lateral/horizontal angle from the shooting stall to the outside walls forward.

This Cone of Fire area requires that no hard obstacles, props, or other wall mounted items within the Cone of Fire) that may accidentally cause a ricochet. Signage does not apply.

Working with the CFO the necessary items to move have been identified and will take place over the next 30 days.

The impact of this update at this time will primarily impact some of the storage props for the Action League. The Action League has already started on this task.

The Club will also invest in/update signage to clearly identify the Cone of Fire area (this is not required by the CFO) within the next 30 days as well.

Protected Zone Details

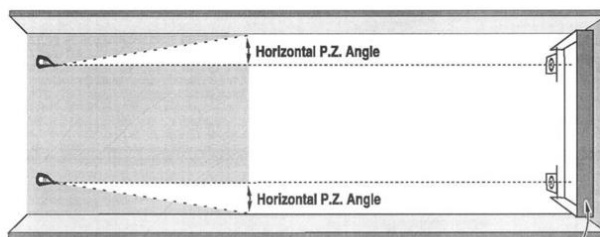
10.2. PROTECTED ZONE

To ensure the containment of bullets fired in accordance with [Section 14, Range Operating Instructions](#) within the building, all indoor ranges shall have a downrange Protected Zone (PZ). This area surrounds the bullet trap and a significant portion of the downrange area. In some cases, the building construction will afford the necessary protection to ensure bullet containment; in other cases, additional features will have to be added.

The PZ of an indoor range is the area forward of the firing line(s) from which an errant shot or ricochet will not escape the range. The PZ does not necessarily extend back to the most distant firing line.

Direction	Rim-fire Rifle	Rim-fire Handgun	Centre-fire Handgun and Rifle
Vertical	10°	15°	15°
Horizontal	6'	10'	15'

PROTECTED ZONE | 'CONE OF FIRE'



NOTE: Angles not to scale

Bullet Trap

Figure 34 - Indoor Range Protected Zone (Horizontal Angle)

OUTDOOR RANGE

There are no changes required for the continued use of our current Outdoor Range.

We do have some signage that is weathered that we may replace, but not required of the CFO.

The Safety Committee has also made a recommendation to augment the First-Aid kit in the outdoor range with a Trauma Kit such that we have the same setup in both ranges. The updated kit is secured and will be in place when the range opens next month.

Thank you again to all our members.

Louie Liadis | HPRC President