

Indoor Range Allowed Calibers

Only the following standard calibers may be fired on the
MCSC Indoor Range

.22 Short, Long, Long Rifle
.25 ACP
.30 Luger
.32 ACP
.32 S&W
.32 S&W Long
.32 NAA
.32-20 Winchester
9x18 Makarov
.380 Auto
9x23 MM Winchester
9MM Luger

.38 Super Auto
.38 ACP
.38 Colt Short
.38 Long Colt
.38 Special
.38-40 Winchester
.40 S&W
.44 Colt
.44 Russian
.44 S&W Special
.45 S&W (Schofield)
.45 ACP
.45 Colt

All calibers are restricted to target or standard velocities that do not exceed the following

1. 70 Gr. 1125 FPS - Bullet Energy = 199 Ft. Lbs.
2. 90 Gr. 1325 FPS - Bullet Energy = 351 Ft. Lbs.
3. 100 Gr. 1250 FPS - Bullet Energy = 347 Ft. Lbs.
4. 125 Gr. 1125 FPS - Bullet Energy = 351 Ft. Lbs.
5. 150 Gr. 1025 FPS - Bullet Energy = 343 Ft. Lbs.
6. 158 Gr. 1000 FPS - Bullet Energy = 350 Ft. Lbs.
7. 200 Gr. 875 FPS - Bullet Energy = 340 Ft. Lbs.
8. 230 Gr. 825 FPS - Bullet Energy = 348 Ft. Lbs.

Magnum loads are NOT allowed to be fired on the MCSC indoor range under any circumstances
+P and +P+ ammo are NOT allowed to be fired on the MCSC indoor range under any circumstances

Formula used: $\text{Energy} = .5 * \text{weight} * \text{velocity}^2 / 7000 / 32.175$

Where weight is in grains, and velocity is in feet/second.

7000 is grains per pound, and 32.175 is acceleration due to gravity.

It can be re-written: $\text{Energy} = \text{weight} * \text{velocity}^2 / 450450$

Formula from: <http://www.firearmexpertwitness.com/customguns/calcnrg.html>