

NRA – CSR – “THE URBAN MATCH”

ADAPTED FOR THE HPR&PC 100YD RANGE SAFETY CERTIFICATE

FOUR STAGES: 100, 75, 50, 25 YARDS

Stage 1: Firing From Cover – Snap (100 yards, Fig 11)

Distance: 100 yards

Position: Standing supported (touch / use the post)

Number of shots: 10 to count

Target: 1x Fig 11 (Target No 1, far left)

Scoring: 5, 4, 3 and 2

Timing: 1 exposure of 10 seconds and then 4 exposures of 5 seconds

HPS: 50

Procedure:

- a. *Firers will start in the patrol position*, rifles loaded, safety catches applied, one yard behind the 100 yard firing point.
 - b. On appearance of the targets firers are to move to the 100 yard firing point, adopt the standing supported position (touching / using the post) make ready and fire 2 shots at the left-hand Fig 11. Firers must not make ready until they are in the correct standing supported position at the 100 yard firing point.
 - c. The targets will then make a further 4 exposures each of 5 seconds with irregular intervals of between 5 and 10 seconds; 2 shots are to be fired at each exposure.
 - d. Firers may remain in the aim between exposures.
 - e. At the end of this stage, firers will be ordered to “make safe” and adopt the *patrol position*.
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Stage 2: Firing From Cover – Rapid (75 yards, Fig 11)

Distance: 75 yards

Position: Kneeling supported, around cover (touch / use the barrier, remain behind the barrier)

Number of shots: 10 to count

Target: 1x Fig 11 (Target No 2, middle left)

Scoring: 5, 4, 3 and 2

Timing: 1 exposure of 1 second, and then 2 exposures each of 15 seconds

HPS: 50

Procedure:

- a. *Firers will start in the patrol position, rifles made safe, at the 100 yard firing point.*
 - b. *On appearance of the targets (the 1 second exposure) firers are to move to the 75 yard firing point. At the 75 yard firing point firers are to adopt the kneeling supported position behind the barrier (touching / using the barrier) and then make ready. When moving down range the rifle must be carried in the trail position. The firers must not make ready until they are in the correct kneeling supported position behind the barrier at the 75 yard firing point.*
 - c. *10 seconds after the initial appearance of the target (the 1 second exposure) the targets will then make 2 exposures each of 15 seconds, with a 15 second interval between exposures. Firers will fire 5 shots during each 15 second exposure at the right-hand Fig 11.*
 - d. *Firers may remain in the aim between exposures.*
 - e. *At the end of this stage, firers will be ordered to “make safe” remaining in the kneeling position – then once made safe to then stand and adopt the *patrol position*.*
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Stage 3: Snapshooting (50 yards, Fig 14)

Please note. Pragmatism. Stage 3 is normally 5 exposures of 6 seconds, at each 6 second exposure one shot standing followed immediately by one shot kneeling (totalling 5 shots from standing & 5 shots from kneeling). Pragmatically, many HPR&PC members may physically be unable to do this repetition (stand then immediately kneel – five times), so RCO to give the shooter the choice of either standing unsupported (10 shots) or kneeling unsupported (10 shots).

Distance: 50 yards

Position: Standing unsupported and kneeling unsupported.

Number of shots: 10 to count

Target: 1x Fig 14 Window Target (Target No 3, middle right)

Scoring: 5 and 4 on the Fig 14 and 3 elsewhere on the target

Timing: 1 exposure of 1 second and then 5 exposures each of 6 seconds.

HPS: 50

Procedure:

- a. *Firers will start in the patrol position, rifles made safe, at the 75 yard firing point.*
- b. *On appearance of the targets (the 1 second exposure) firers are to move to the 50 yard firing point, adopt the standing alert position, and then make ready. When moving down range the rifle must be carried in the trail position. The firers must not make ready until they are at the 50 yard firing point in the correct standing position.*

- c. 10 seconds after the initial appearance of the target (the 1 second exposure) the targets will make 5 exposures each of 6 seconds.
 - d. On each 6 seconds exposure of the targets, firers are to fire 2 rounds at the left-hand Fig 14. The first shot must be from the standing position, and the second shot from the kneeling position.
 - e. There will be an irregular interval of between 7 and 10 seconds between each exposure series.
 - f. Firers must return to the standing alert position between exposures.
 - g. At the end of this stage, firers will be ordered to “make safe” remaining in the kneeling position – then once made safe to then stand and adopt the *patrol position*.
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Stage 4: Close Quarter Snap (25 yards, Fig 14)

Distance: 25 yards

Position: Standing unsupported

Number of shots: 10 to count

Target: 1x Fig 14 Window Target (Target No 4, far right)

Scoring: 5 and 4 on the Fig 14 and 3 elsewhere on the target

Timing: 1 exposure of 1 second and then 3 exposures each of 7 seconds.

HPS: 50

Procedure:

- a. *Firers will start in the patrol position*, rifles made safe, at the 50 yard firing point.
- b. On appearance of the targets (the 1 second exposure) firers are to move to the 25 yard firing point, adopt the standing alert position, and then make ready. When moving down range the rifle must be carried in the trail position. The firers must not make ready until they are at the 25 yard firing point in the correct standing position.
- c. 10 seconds after the initial 1 second exposure, the targets will make 3 exposures each of 7 seconds.
- d. On each exposure of the targets, firers are to fire any number of rounds at the right hand Fig 14.
- e. There will be an irregular interval of between 5 and 10 seconds between each exposure.
- f. Firers must return to the standing alert position between exposures.
- g. At the end of this stage, firers will be ordered to remain in the standing position and “unload” “show clear” their rifles for inspection. When the rifles have been inspected and proven clear, “flag in” chamber flags are then to be inserted as a visual proof that the chambers are clear.
- h. After all of the above safety checks have been done and verified, the RCO will then make the announcement “range clear” and then the four targets can be scored.

TARGET SCORING

C2.2 Scoring Guides

C2.2.1 Figure 11

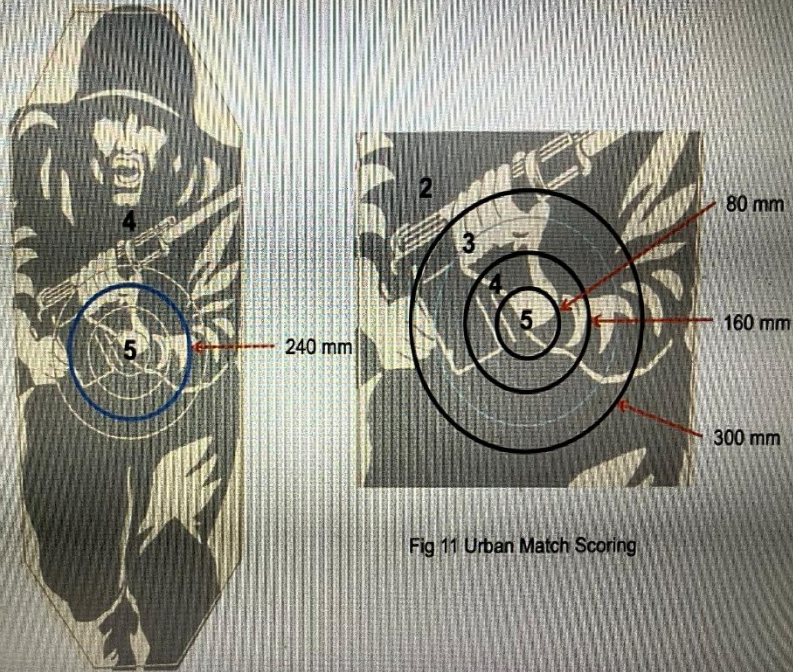


Fig 11 1145 x 455 mm

C2.2.34 Figure 14

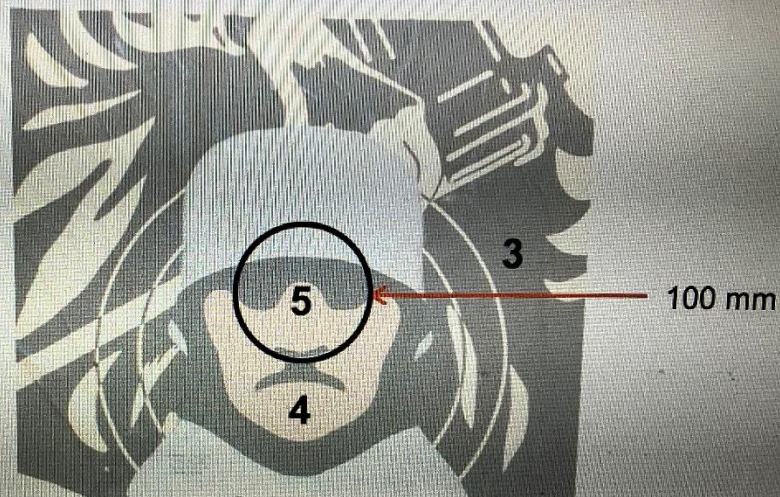


Fig 14 Window 370 x 455 mm

POSITIONS – STANDING ALERT – PATROL

B6.4 Standing Alert

B6.4.1 As for standing position but with the rifle butt in the shoulder, shooter looking over the sight, with the barrel towards the target and downwards at an angle of approximately 30°



Fig 10 – Standing Alert Position

B6.5 Patrol Position

B6.5.1 As for standing alert but with the rifle butt not in the shoulder



Fig 11 – Patrol Position

POSITIONS – STANDING – UNSUPPORTED - SUPPORTED

B6.3 Standing

- B6.3.1** Erect on both feet, no other part of the body to touch the ground or any other object. The rifle may be supported by the forward hand under the magazine (where appropriate), forend or vertical/angled fore grip and the support arm elbow may be rested on the hip or magazine pouch. A sling may be used for support and if firing from cover, the structure of the cover may be used for support



Fig 8 – Standing Unsupported Position



Fig 9 – Standing Supported Position

POSITIONS – KNEELING – UNSUPPORTED – SUPPORTED

B6.6 Kneeling

- B6.6.1** No part of the body to touch the ground or any other object except one foot and the other leg from the knee downwards. The elbow may rest on the knee. No part of the rifle may be rested on the body below the knee or touch the ground. A sling may be used for support and if firing from cover, the structure of the cover may be used for support



Fig 12 – Kneeling Position

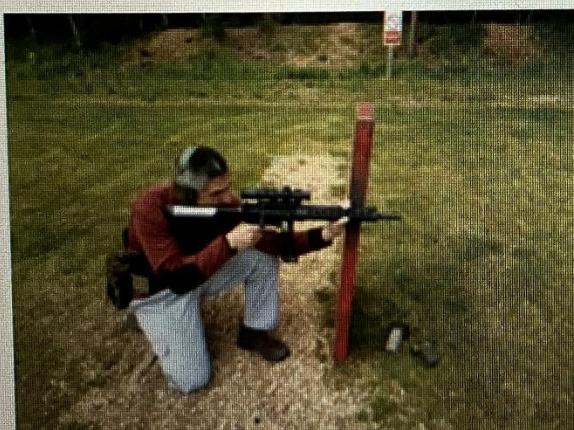


Fig 13 - Kneeling Supported Position



Fig 14 – Kneeling Supported Position

HPR&PC 100 YD - RANGE SAFETY CERTIFICATE – AMMUNITION CONSTRAINTS

Max muzzle velocity 655 m/s (= 2145 fps) Max muzzle energy 2030 Joules (= 1497 ft lbs)

Typical ammunition data for rifles / carbines used at HPR&PC 100yd range for CSR (all are OK):				
Cartridge	Bullet - grains	MV m/s (fps)	ME Joules (ft lbs)	Remarks
.22LR Standard	40	320 (1050)	133 (98)	Subsonic
.22LR Mini Mag	40	358 (1175)	166 (123)	
30 Carbine	110	580 (1900)	1195 (882)	
	115	427 (1400)	679 (501)	
300 Blackout / 300 Whisper	147	580 (1900)	1598 (1179)	
	168	518 (1700)	1462 (1078)	
	180	335 (1100)	656 (483)	Subsonic
	200	320 (1050)	664 (490)	Subsonic
9x19mm	115	411 (1350)	631 (465)	
	124	381 (1250)	583 (430)	
	147	335 (1100)	535 (395)	Subsonic
38 Special / 357 Magnum	140	335 (1100)	510 (376)	Subsonic
	158	457 (1500)	1070 (790)	
44 Special / 44 Magnum	200	335 (1100)	728 (537)	Subsonic
	240	457 (1500)	1626 (1199)	
45 ACP	200	305 (1000)	602 (444)	Subsonic
	230	305 (1000)	693 (510)	Subsonic