



INTERNATIONAL SHOOTING SPORT FEDERATION
INTERNATIONALER SCHIESS-SPORTVERBAND E.V.
FÉDÉRATION INTERNATIONALE DE TIR SPORTIF
FEDERACION INTERNACIONAL DE TIRO DEPORTIVO

Shotgun Equipment Control Guide
Compulsory for all Olympic Games,
World Championships, World Cups and
Continental Championships

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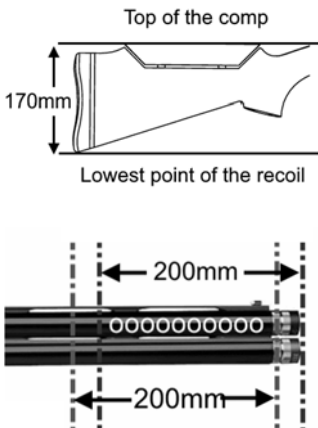
1. ORGANIZATION OF THE EQUIPMENT CONTROL SERVICE

- 1.1 Athletes must only use equipment and apparel that complies with ISSF Rules. Any gun, device, equipment, accessory or other item that may give an athlete an unfair advantage and that is not specifically mentioned in these Rules, or that is contrary to the spirit of these Rules, is prohibited.
- 1.2 Any accessory, method or system used to facilitate the counting of targets is prohibited. Violation of these Rules must receive a warning (yellow card) for the first violation and disqualification for a repeat violation (ISSF Rule 6.12.6.2 / 9.4.1 / 9.4.1.1 / 9.4.3.1 / 9.4.3.2).
- 1.3 Athletes are responsible for ensuring that all items of equipment and clothing used by them in ISSF Championships comply with ISSF Rules. The Equipment Control Jury is responsible for checking athletes' equipment to ensure compliance. The Jury must provide an Equipment Control Consultation Service that is available to all athletes starting on the first Pre-Event Training day so that athletes, if they wish, may have their equipment checked prior to the competition.
- 1.4 To ensure the compliance with ISSF Rules, the Jury will conduct random checks during competition and any athlete found to be in violation of the rules for guns or skeet marker tapes must be disqualified (ISSF Rule 6.12.6.2 / 9.4.1 / 9.4.1.1 / 9.4.3.1 / 9.4.3.2).
- 1.5 Any equipment or accessories on the field of play / shooting area shall be deemed as available for use by the athlete concerned and will be subject to inspection / check by the Jury. Penalties will be applied.
- 1.6 The location of the control and hours of opening must be published and distributed to all the participating nations on the day before and on the day of PET, Cartridge Control is open every day.
- 1.7 **The Equipment Control Consultation Service group must consist of at least two (2) qualified judges appointed by the Chairman of the Equipment Control Jury from among the Jury members, or the Chairman of Equipment Control Jury is taking over this business. The Equipment Control Consultation Service personnel must keep a written record of those attending.**
- 1.8 It is helpful to have a set of pictorial interpretations of the pertinent rules on display to assist explanations to the athletes when necessary.
- 1.9 The Jury should be available to assist a competitor who has had to make changes to his equipment during the competition.
- 1.10 Cartridge control will be conducted by the Equipment Control Jury ONLY (one ISSF Equipment Control Panel member must be present).

2. TESTING EQUIPMENT

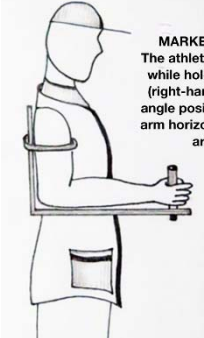
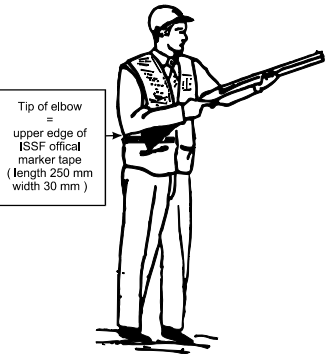
- 2.1 A list with the names and Start Numbers (Bib Number) of all athletes entered by country in the shotgun events.
- 2.2 A current copy of the ISSF Official Statutes, Rules and Regulations.
- 2.3 Equipment Control Seals or Stickers (preferably serial numbered) to be affixed to the gun upon successful control completion, for the Skeet Marker Tape ONLY ISSF seals with numbers must be used.
- 2.4 Vernier slide gauge (to measure barrel porting and side blinders).

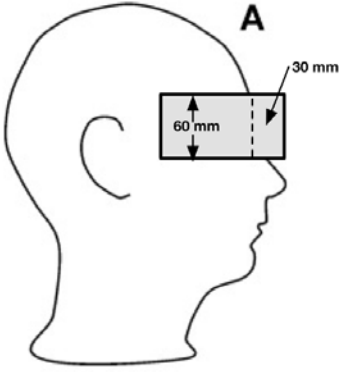

ISSF Full Test set for Cartridge Control must be used.

ITEM TO CHECK	CONTROL PROCEDURES CHECK FOR	ISSF RULE
<p>Shotguns</p>	<p>All types of smoothbore shotguns, including semi-automatics, but excluding pump action shotguns, may be used, provided their caliber does not exceed 12 gauge. Shotguns smaller than 12 gauge may be used. Shotguns must not have a camouflage finish.</p> <p>DON'T forget safety flags must be inserted only if a semi-automatic is used.</p>	<p>9.4.2.1</p> <p>9.2.2.b</p>
<p>Measurement of the butt stock</p> 	<p>Check for “release” trigger action.</p> <p>Slings/straps, compensators for Trap and Double Trap.</p> <p>Excess of sponsor or commercial markings.</p> <p>Meaning of the wording and interpretation for 9.4.2.9.</p> <p>The distance measured from the top of the comp, to the lowest point of the recoil pad, may not be more than 170 mm.</p> <p>Ported barrels are permitted, provided they do not extend back further than 20 cm as measured from the end of the muzzle, or as measured from the muzzle end of any interchangeable fitted choke. Interchangeable chokes (with or without porting) fitted to the end of the muzzle are permitted. In the case of ported interchangeable chokes, their porting (plus any barrel porting) shall not extend back further than 20 cm as measured from the muzzle end of the</p>	<p>9.4.2.3</p> <p>4.6</p> <p>Sponsor Marking</p> <p>9.4.2.9</p> <p>9.4.2.7 a)</p> <p>9.4.2.7 b)</p>

	interchangeable fitted choke.	
Shooting Vests	Upper rear shoulder area obeys ID rules excess of sponsor or commercial markings.	4.6 Sponsor Marking
Headgear	Front and or Back only for Country, National Federation emblem, ISSF emblem or emblem of an ISSF competition organizer	4.6 Sponsor Marking
Shoes	Open toe or open heeled shoes, sandals or any other similar footwear are not allowed;	9.13.1 b)
Clothing	Blue jeans, clothing made of camouflage material, shorts, skirts with the bottom of the leg more than 15 cm above the center of the knee cap, shirts, T-shirts and similar garments with sleeves less than 10 cm in length or without sleeves are prohibited.	9.13.1 a)
Sights	Check for target enhancing properties. All devices fitted to the gun that have magnifying, light emitting, forward lead displacement properties, or that give visual enhancement of the target, are prohibited.	9.4.2.8
Eye and Ear protection	All athletes and other persons in the vicinity of the firing line are urged to wear ear plugs, ear muffs or similar adequate ear protection; hearing protection incorporating any type of sound-enhancing or receiving devices may not be worn by athletes or coaches on the FOP. Hearing impaired athletes may wear sound-enhancing devices with the approval of the Jury (see also ISSF GTR 6.2.5). All athletes, referees and officials, are urged to wear shutterproof shooting glasses or similar eye protection.	9.2.7
Skeet Marker Tape	Only official ISSF marker tapes are allowed (250 mm X 30 mm). No other kind of marker tape is allowed. Athletes are responsible for ensuring that the marker tape is correctly positioned (see below). To ensure compliance with ISSF Rules, the Jury will conduct random checks during competition and any athlete found to be in violation of the rules must be	9.10.4.1 9.10.4.2 9.10.4.3 a)



 <p>MARKER TAPE CHECK The athlete must stand erect while holding the right arm (right-handed shooter) in a right angle position with the lower arm horizontal and the upper arm vertical.</p>  <p>Tip of elbow = upper edge of ISSF official marker tape (length 250 mm width 30 mm)</p>	<p>disqualified (see 9.4.1.1).</p> <p>All pockets of the shooting vest must be empty; Athletes must rise up both hands twice before pointing the laser to measure the correct position of the permanent Marker Tape, to cover the case of using a too tight vest).</p> <p>The athlete must stand straight (erect) while holding the right arm (right-handed athlete) in a right angle position on the side of the body with the lower arm horizontal and the upper arm vertical. The right angle position of the shooting arm will then be fixed with the use of a special accessory (see illustration).</p> <p>The Jury member will then project a horizontal laser beam onto the marker tape to show the location of the point of the elbow in relation to the tape;</p> <p>The laser beam must project onto the top half of the marker tape or higher to be legal;</p> <p>An ISSF seal must then be placed on either end of the marker tape;</p> <p>All illegal markers will be required to be properly positioned and subjected to re-check before the athlete is permitted to compete:</p> <p>Shooting vests must not be constructed with any item (tape, drawstring, elastic band etc. that could be used to adjust the fit of the jacket.</p> <p>The marker tape must be affixed permanently, horizontally to the appropriate side of the shooting vest (outer garment); the whole length of the marker tape must be clear and visible, if it is not, MUST be changed.</p>	<p>9.10.4.3 b)</p> <p>9.10.4.3 c)</p> <p>9.10.4.3 d)</p> <p>9.10.4.3 e)</p> <p>9.10.4.3 f)</p> <p>9.10.4.3 g)</p> <p>9.10.4.1 b)</p>
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<p>Side Blinders</p> 	<p>Check side blinders (on one or both sides) attached to the hat, cap, shooting glasses or to a headband, not exceeding 60 mm in deep are permitted for Shotgun athletes only (Rule 9.13.4). The front edge of a side blinder, when viewed from the side, must not extend more than 30 mm forward of the center point of the forehead. Side blinders must be made of plastic material only. A front blinder not exceeding 30 mm in width is permitted.</p>	<p>9.13.4</p>
<p>Cartridges Specifications</p> 	<p>Shot charge must not exceed 24,0 g (+ 0,5 g tolerance).</p> <p>The average weight of the selected cartridges does not exceed the maximum shot charge plus tolerance (24.5 g)</p> <p>Pellets must not exceed 2.6 mm in diameter. Pellets may be plated.</p> <p>Only transparent or translucent wads with no color may be used</p> <p>Black powder, tracer, incendiary, or other special types of cartridges are prohibited; and No internal changes may be made which will give an extra or special dispersion effect, such as the inverse loading of components, crossing devices, etc.</p> <p>Pellets diameter must be measured with the ISSF pellet diameter device. NOTICE: in case some rounds do not go through the diameter device a caliper or micrometer screw must be used.</p>	<p>9.4.3.1</p> <p>9.4.3.1 a)</p> <p>9.4.3.1 d)</p> <p>9.4.3.1 e)</p> <p>9.4.3.1 f)</p> <p>9.4.3.1 g)</p> <p>9.4.3.1 h)</p>

3. AMMUNITION CONTROL

3.1 The Equipment Control Jury shall introduce a program of random ammunition inspection during the days of competition and immediately before each of the Finals.

3.2 If an athlete uses ammunition that is not in accordance with these rules he must be disqualified ISSF Rule 9.4.3.1 / 9.4.3.2.

3.3 Procedure of Testing in Qualification rounds

During the Qualification, the athletes to be tested are selected by a computer draw, between 10 – 18 % percent of the athletes participating in an event will be selected for shot shell testing. Selection of ammunition should be at the FOP but prior to shooting, before a squad or round starts; there should be NO selection between stations, except in special cases.

3.4 Procedure of Testing in Finals

All finalists must be tested.

Athletes in the Final or their coaches or their team officials must report to the Finals Range not later than 30 minutes before the final start time (ISSF Rule 9.18.2.1.a). The Jury will instruct the Finalists or their coaches or their team officials to place all of their cartridges in numbered boxes (corresponding to bib numbers). The Equipment Control Jury will conduct equipment inspections and take the necessary samples from each box, close the boxes and seal it. The sealed boxes must be left in the supervision of a Shotgun Jury Member. Once ammunition is placed in the box, only the Equipment Control Jury or the athlete (in order to conduct the final) can remove ammunition from the box. Athletes may leave the FOP and must return at least 15 minutes before the start of the Final. Athletes must report to the Finals Range at least 15 minutes before the start of the Final. No additional cartridges may be brought to the Finals Range, ISSF Rule 9.18.2.2 b).

A one (1) point penalty will be deducted from the score of the first hit target in the Final if the athlete's cartridges are not presented 30 minutes before and / or if the athlete does not report on time 15 minutes before, ISSF Rule 9.18.2.2 c).

After the boxes closed and sealed, no additional cartridges can be brought to the FOP, in case of an exception the Equipment Jury will decide, and those cartridges must be tested again, but it must be finished in the time before the presentation of the athletes starts.

All shot shell testing must be completed before the presentation. If a finalist is disqualified, the final will take place with five finalists according to ISSF Rule 9.16.5. After Cartridge check completion the Equipment Control Jury will open the numbered boxes at the FOP and athletes should be present for that.

For each athlete to be tested, two sets of samples will be taken. Separate envelopes with labels will be used. Two (2) cartridges will be placed in one sealed envelope and four (4) cartridges will be placed in the other sealed envelope. Each envelope with two (2) cartridges must be checked. The testing scale (minimum to decimals) must be recalibrated with a government certified 24.5 g check weight before testing and immediately after each test of an overweight shot charge.

If both cartridges are legal, no further action will be taken and the second envelope will be returned to the athletes. If one OR both cartridges are overweight 24.0 g (+ 0,5 g tolerance), then the four (4) cartridges in the second envelope must be tested.

If the AVERAGE of the six (6) cartridges in total, two (2), from envelope 1, and four (4) from envelope 2, is also overweighed, the athlete must be disqualified, ISSF Rule 9.4.3.1 a) / 9.4.3.2 c).

A coach or team official **must be notified** and invited to witness the testing, when the second envelope with four (4) cartridges will be opened.

If the ammunition fails the test, disqualification must be imposed in accordance with ISSF Rule 9.4.3.1 / 9.4.3.2.

Pellets diameter must be measured with the ISSF pellet diameter device. NOTICE: in case some rounds do not go through the pellet diameter device a caliper or micrometer screw must be used and the pellet must be measured in all directions to see the average about the round form.

If the pellets test fails the test, disqualification must be imposed in accordance with ISSF Rule 9.4.3.1.d. / 9.4.3.2

For all cartridges only transparent or translucent wads are allowed, DSQ, ISSF Rule 9.4.3.1 f).

Equipment required:

- Cartridge Control Form.
- Cartridge cutter.
- ISSF Diameter Device, Vernier scale or Micrometer (pellet diameter measurement)
- Scales, must have at least two decimal digits on a digital display, and must have a state calibration certificate and government certified 24.5 g check weight.
- Magnet (steel pellet check).
- Envelopes in A5.
- Six (6) transparent boxes, approx. 40 liters with cover and a whole to fix the seals.
- One (1) stabile table big enough to place the six (6) boxes in a protected area in the FOP.
- Stabil tables with four (4) chairs in the Equipment Control area.

- A tripod stative to fix the laser for the Skeet marker tape control.
- A laser to check the position of the Skeet marker tape.
- Three (4) boxes about 20 liters to store the opened and unopened cartridges.
- Four (4) empty bottles for the powder and lead.

ANNEXES

Annex A: Shotgun Cartridge Control Form