



International Shooting Sport Federation

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Training Manual

Pistol

for ISSF Range Officials & Judges

2010 Rules (Version 2)

prepared by the ISSF Pistol Committee

Note:

Article 3.12.3.9, Annex “J” to the ISSF General Regulations sets out the Guidelines for Judges. In Part 5, Judges’ Courses, J.4.6 refers to the ISSF Training Guidelines as the “basis for ISSF judges’ courses”. This document is available for Course Instructors and Member Federations from the ISSF HQ.

This Training Manual, referred to in the Training Guidelines, contains more detailed information intended for the training of Range Officials and Judges, and for their future reference. Separate Training Manuals are available for the Rifle, Pistol, Shotgun and Running Target disciplines.

Although Instructors are expected to prepare their own detailed lecture notes and question papers for each course, these Training Manuals should be a great help. They will be updated by the ISSF Discipline Section Committees.

Please send any comments to ISSF HQ

Every effort has been made to avoid mistakes, but in case of doubt refer to the ISSF Official Statutes, Rules, and Regulations Edition 2009 (First printing 11/2008) and subsequent changes published in the ISSF News and on the ISSF Website – where the latest version is available for downloading.

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1 GENERAL

1.1 OBJECTIVE

To provide the basis for instruction specific to the Pistol discipline of the Official ISSF Judges Courses (J.4.5) as well as national governing body courses for Range Officials and Jury Members. **(J.2.3)**.

To provide “readily available” information for Range Officials and Jury Members as needed in conducting ISSF competitions.

To provide guidelines for Range Officials and Jury Members to ensure that commands and procedures used for all ISSF competitions are correct and consistent throughout the world.

1.1.1 This guide is not intended to teach or be a re-statement of the ISSF Statutes, Rules and Regulations but a resource to assist range personnel in locating and interpreting the applicable rule for a particular situation.

1.1.2 Conducting an ISSF competition involves the performance of many duties prior to and after the competition. Many of the responsibilities are listed in the ISSF Rules, and it is expected that Range Officers and prospective judges should already be completely conversant with them before attending an ISSF Judge’s Course.

1.2 COOPERATION

1.2.1 For a competition to be successful, good cooperation must exist between the Technical Delegate(s), Organizing Committee, the Range Staff, the Classification Staff, the Discipline Juries and the Jury of Appeal. Although each group has its particular responsibilities that must not be confused or blended with the others, working together for the end result of conducting a successful competition is necessary.

1.3 COMMUNICATION

1.3.1 Planned meetings for the Chief Range Officer and the Range Jury before and after each event will afford an opportunity for preparation and assessment.

1.3.2 Radio or telephone communication between the Chief Range Officer and the Classification Jury in the Control Room or Tower can avert many potential problems when using Electronic Scoring Targets.

1.3.3 A communications system is necessary between the Range Officers at the firing line, or at least the Chief Range Officer, and any personnel behind the targets who are operating the target mechanisms, scoring paper targets (25m), marking, or working in the pits. If electronic interlocks for the range access doors are not available, a system of red and green lights may be more effective than radios or a walkie-talkie system. **This is an issue of safety and a competition cannot proceed without adequate communication.**

1.4 ANNOUNCEMENTS

Announcements are to be made prior to the start of Preparation Time for a competition or Finals by an announcer for the benefit of the spectators, not the shooters. Immediately before the beginning of an event is not a time to give instructions to the competitors. Competitors are responsible for knowing the rules of the game and should already be familiar with the monitors, printer strips, etc. If they have questions, the Range Officers responsible for that particular section are in a better position to answer any questions or demonstrate the correct use of the electronic equipment. Shooters often know only a few words of English enabling them to understand the basic ISSF commands. Immediately before the competition they are concentrating on their preparation. Anything other than the commands spoken by the Chief Range Officer or other Range Officer over the sound system causes confusion. It is very important that the Range Officer giving the commands be exact in speaking only those commands referenced in the ISSF Rules and this manual for the particular event.

If announcements are to be made for the spectators by the Chief Range Officer, a different tone and style should be used. A script such as the following is suggested:

Welcome to the (name of event/stage) of the (name of the competition). This event consists of (briefly describe course of fire). Flash photography during the competition is not permitted; all mobile telephones must be switched off. Smoking on the range or in the spectator area is strictly prohibited.

2 SAFETY

2.1 SAFETY IS OF PARAMOUNT IMPORTANCE

The ISSF Rules have specific requirements (6.2).

Local conditions and local safety rules may be established by the Organizing Committee. Team officials, shooters, and Juries must be advised of any special regulations.

Range personnel and Juries must be vigilant in enforcing safety at all times.

When a pistol is out of its case, it must always be pointed in a safe direction. In the range, a pistol must be in its case or on the firing point, unless authorized by a Range Officer.

Before a shooter leaves the firing point, the shooter must ascertain and a Range Officer **must verify** that the action is open and there are no cartridges in the chamber or magazine.

Dry firing and aiming exercises are permitted only with the permission of a Range Officer and only on the firing line or designated area.

PISTOLS MUST NOT BE HANDLED WHILE RANGE PERSONNEL ARE FORWARD OF THE FIRING LINE.

3 MEASURING THE WEIGHT OF THE TRIGGER PULL (8.4.1.6.2)

See also section 7 of this manual (*Guidelines for Uniform Equipment Control – Pistol*).

3.1 THINGS TO CHECK BEFORE WEIGHING TRIGGERS:

Has each trigger test weight been approved for use at this competition?

All test and scoring equipment is to be inspected and approved by the Technical Delegate.

Normally, certification of the trigger test weights is supplied with the weights when originally purchased and if needed retesting and re-certification can easily be arranged with a testing laboratory.

The test weights must be visually inspected:

To ensure that there has been no damage or tampering.

To check the condition of the 'knife edge' or rubber.

To ensure that the test weights are clean, and free of any oil or grease.

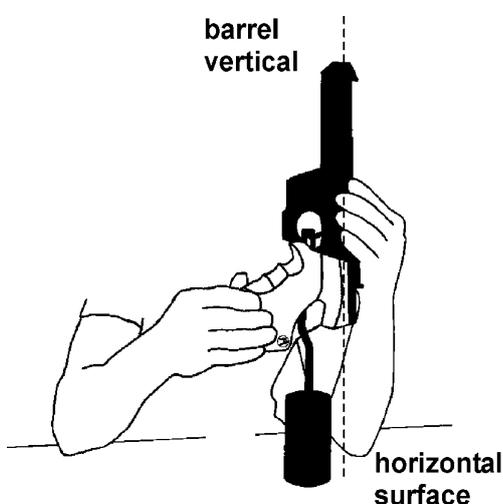
The condition of the knife-edge or rubber must be suitable.

The Equipment Control officials must establish:

that the table or bench to be used for the trigger weight testing is:

- Stable
- Level (i.e. both 'flat' and horizontal).
- Has a suitable surface. Polished surfaces are not suitable, as any moisture, grease, or oil might create a vacuum under the base of the trigger weight increasing the weight of the test device.

To prevent the test weight from swinging sideways as it is lifted from the surface of the table or bench, the base of the trigger test weight must be on a horizontal surface.



That the part of each test weight in contact with the trigger will enable the weight to be lifted without 'swinging' as it lifted off the horizontal surface. I.e. the contact point with the trigger must be over the center of gravity of the test weight.

The illustrations of the metal knife edge and rubber tip are indicative only; for test weights using either of the configurations in the illustration (8.4.1.6) the contact point of the test weight must be directly above the center of gravity of the test weight.

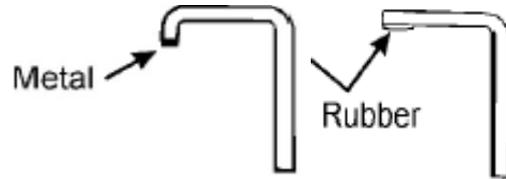
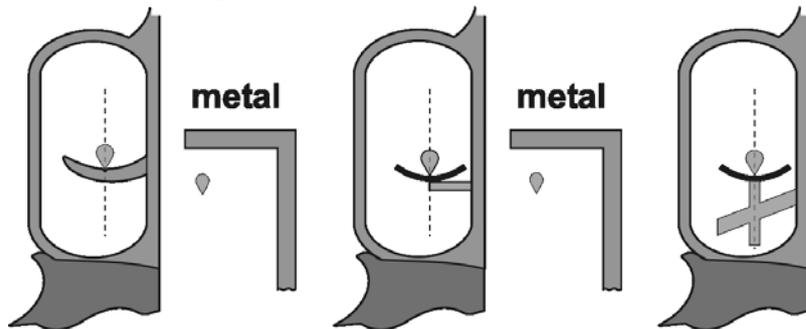
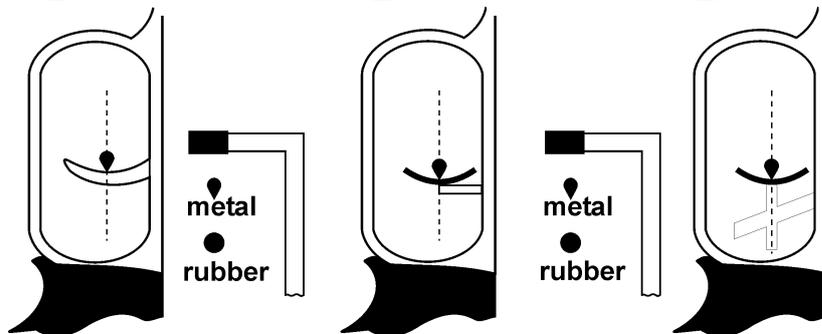
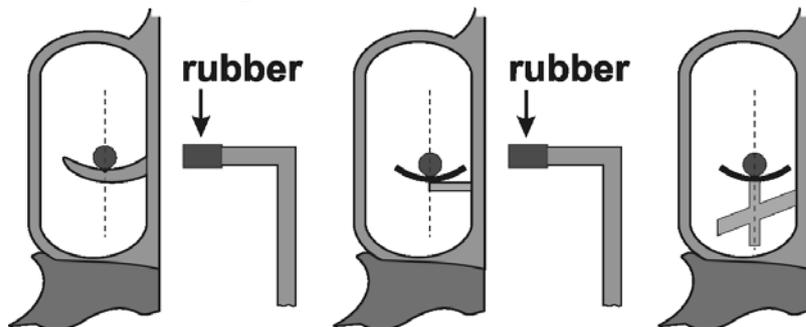


Illustration (8.4.1.6)

Metal knife-edge



Rubber knife-edge



Note:

A weight with a metal or rubber knife edge or a round configuration with rubber must be used. A roller on the trigger weight is not permitted. A dead weight must be used with no springs or other devices.

3.2 HOW TO WEIGH A TRIGGER

The horizontal surface to be used should be sturdy and stable, dry, and clean: This applies both at the main equipment Control, and on-range for the random Trigger Control checks (8.4.1.6.3).

The pistol must be vertical:

This is not always obvious to the Equipment Control official conducting the trigger test, and can make a big difference to the outcome.

The barrel can easily be off vertical (i.e. tilted towards or away from the EC official). EC Jury members must ensure that the barrel is vertical in all planes and when needed advise EC personnel of any problems.

The base of the test weight must be on a horizontal surface at the commencement of the test:

The pistol is raised to lift the test weight from the table or bench; the test weight is NOT lowered on to the trigger.

Near the middle of the trigger: (8.4.1.6.2)

The trigger must obviously and clearly lift the weight: (8.4.1.6.2)

The trigger test weight is to be obviously lifted clear of the horizontal surface: usually a few millimeters above the horizontal surface is sufficient.

The trigger is then to be operated:

This is to ensure that the trigger was cocked, and that any dry-firing mechanism was not engaged.

Not all dry-fire mechanisms operate at the same trigger pressure as in the normal firing condition.

Air Pistols must discharge propellant; otherwise the Equipment Control officer/s could not be sure if the pistol was in 'normal' or dry-fire mode.

Step 1

Place the applicable trigger weight (500g or 1000g), in a convenient location (typically directly in front of the EC officer performing the test, and about 200 to 250mm in from the edge of the horizontal surface. The open end of the trigger weight should be towards the EC officer).

Step 2

Ensure that the pistol is always in a safe direction; a shooter could present a pistol that is loaded!

Step 3

Inspect the pistol (and magazine for semi-automatics) to ensure that it is unloaded and there are no 'snap caps' or other items inserted:

While frequent operation of the trigger of 25m pistols without a cartridge or 'snap cap' can damage the pistol, the checking of the trigger weight is a normal part of competition.

Step 4

Cock the pistol:

For Semi-automatic pistols, insert an empty magazine, release the slide with the pistol horizontal in a safe direction.

For Revolvers, cock the hammer (the shooter may NOT select which chamber is to be used for the trigger weight check).

For Air Pistols, operate the cocking mechanism, discharge the propellant, re-cock the action, and close the breech.

Step 5

Select which side of the pistol is to be used:

While it should not make any difference (the pistol should pass the trigger weight check irrespective of the side used), for convenience it is usual to test from the side opposite the thumb rest.

Step 6

Ensure:

That the contact between the knife-edge or rubber is in the part of the trigger over the position where the shooter would place the trigger finger in normal use, and

The barrel is vertical.

Step 7

Rest the elbows on the bench, gently raise the pistol vertically so that the trigger test weight is lifted without any swing.

Step 8

When the trigger lifts the test weight a few millimeters clear of the horizontal surface, operate the trigger:

For 25m pistols there should be an audible 'click' of the trigger operating.

For 10m pistols there must be a discharge of propellant.

Step 9

If the pistol passes the trigger weight check, remove any magazine and open the action of the pistol:

At the Equipment Control, pass the pistol on for the next step in the process.

For on-range random checks, place the unloaded pistol on the firing bench.

3.3 Weight tolerance allowed:

While there is no tolerance specified in the ISSF rules, trigger test weights within a tolerance of -1.0 g/+0.0 g are acceptable.

Test weight configurations:

Either individual test weights (for each of 500g, and 1000g), or 'stackable' test weights (base 500g weight, with additional 500g) may be used.

The center of gravity of the test weight remains directly below the knife-edge or rubber tip for all three weight combinations used.

Knife edge:

The knife-edge must be parallel with the base of the test weight.

The knife-edge should be reasonably 'sharp', but not so sharp that it will cut the fingers of the Equipment Control officers in normal use.

Rubber tipped weights:

The rubber tip should be clean and free of any oil or moisture.

While rubber tipped test weights are permissible, there are becoming less frequently encountered.

3.4 RESPONSIBILITIES OF THE EC PERSONNEL

All pistols must always be pointed in a safe direction. This applies both to the shooters and the Equipment Control officers.

All pistols must be fully checked that they are unloaded before weighing triggers, even if another official checked them earlier.

Care

Competition pistols are expensive precision instruments, and must be always handled as such.

3.5 RESPONSIBILITIES OF THE SHOOTERS

Safety

All pistols must always be pointed in a safe direction. This applies both to the shooters and the Equipment Control officers.

Suitability of the pistol and trigger design

It is the shooters responsibility to present a pistol that is capable of being tested for trigger weight.

There have been pistols incorporating trigger design, which made the testing difficult, if not impossible. At its simplest, if the trigger cannot be tested Equipment Control cannot approve it!

The most commonly encountered problems is triggers angled and/or curved such that the trigger weight cannot be suspended at the position where the shooter would place the trigger finger in normal use of the pistol when the barrel is vertical. In some cases this may be deliberate.

3.6 CONSIDERATIONS

Which side of the pistol?

As noted above, it should not make any difference. The pistol should pass with the trigger test weight from either side.

Testing by the Equipment Control officials (8.4.1.6.1)

Shooters (and team officials) have been known to develop some interesting techniques to 'demonstrate' that a pistol can lift the test weight. While this is interesting, it has no bearing on the matter – the Equipment Control official conducts the official tests!

A maximum of three (3) attempts to lift the weight is allowed,

and if it does not pass it may only be resubmitted after adjustment (8.4.1.6.2). If the pistol does not lift the test weight after three attempts:

At the initial Equipment Control inspection, the shooter must not delay other shooters waiting to have their equipment passed. The shooter must remove the pistol for adjustment and join the queue again.

For any on-range random trigger check, the shooter is disqualified.

A maximum of three (3) attempts to lift the weight is allowed. Any shooter whose pistol fails this test or when a shooter is selected fails to undertake the test, must be disqualified by a majority of the Jury (8.4.1.6.4).

Note that a Jury member may declare an attempt 'invalid' only if satisfied that the Equipment Control officer's attempt was not 'proper' (e.g. the barrel was not vertical, the officer was impeded, etc.)

3.7 Random Trigger Checks (by Equipment Control)

The appropriate trigger test weight that may be used for random checks will also be made available to the shooters on the range before and during the competition, and before the Finals, to allow them to check that the weight of the trigger pull has not changed so as to contravene the Rules. (8.4.1.6.3)

3.8 PRE-FINALS TRIGGER CHECKS (by Equipment Control)

If a shooter's pistol does not pass the trigger weight checks in the pre-Final checks, the shooter is not disqualified but must have the trigger adjusted so that it complies before the Final.

4 CLOTHING REGULATIONS Rules 6.4.2.1, 8.4.5 and 4.3

4.1 Shooter's responsibility

4.1.1 Dress in "a manner appropriate to a public event" while on the ranges.

4.1.2 Regulation clothing to be worn during competition and pre-event training.

4.1.3 Official national uniforms worn during all ceremonies. Team members must be dressed in a similar manner.

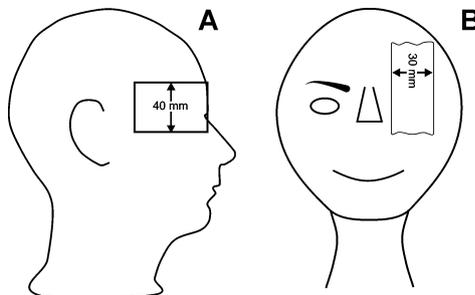
4.1.4 Special devices, means or garments which immobilize are prohibited.

4.1.5 Only low-sided shoes are permitted. Shoes checked in Equipment Control.

4.1.6 Bib (Start) Numbers must be worn by all shooters, on their backs and above their waists, at all times while participating in all training and competition (4.6.2). The Bib (Start) number must be clearly visible at all times while shooter is participating in training or competition and if not correctly displayed, the shooter may not compete/continue.

4.1.7 Compliance with ISSF Eligibility and Sponsorship Rules (Sec. 4 of Official Statutes, Rules and Regulations) is required. This should be checked in the initial check by Equipment Control, again before Preparation Time for any Pre-Event Training, any Elimination or Qualification round/stage, and before Finals.

4.2



It is practical for the Range Officers to have a copy of the above drawing available to illustrate to the competitors the allowed measurements regarding blinders. Having an available ruler is also suggested to determine if the size of blinders and commercial markings on clothing and equipment are within rule specifications.

5 COMPETITION OFFICIALS Rule 6.7

5.1 Register keepers – Paper Targets (25m) Rule 6.7.3

CHECK LIST	
MUST HAVE BEFORE COMPETITION	DUTIES OF REGISTER KEEPER
<ul style="list-style-type: none"> • Hearing protection • Telescope • Score Cards • Pens for scorecards and scoreboard 	<ol style="list-style-type: none"> 1. Fill out or verify information – Name, bib/start number, firing point, etc. 2. Enter preliminary value of each shot on score card and scoreboard 3. Once shooting has started, DO NOT SPEAK TO SHOOTER, other than for SAFETY ISSUES. 4. Ensure details of any malfunctions, infringements, incidents are entered on scorecard and endorsed by Jury and Range Officer. 5. Whenever possible, compare scores estimated and recorded on card with those of 2nd Register Keeper. This must be done at end of stage and preferably for each series. Resolve any differences or difficulties with Jury/Target Officer/Range Officer.

5.2 Second register keepers – paper targets (25m) Rule 6.7.7.3

CHECK LIST	
MUST HAVE BEFORE COMPETITION	DUTIES OF 2ND REGISTER KEEPER
<ul style="list-style-type: none"> • Hearing protection • Score Cards • Pens for scorecards 	<ol style="list-style-type: none"> 1. Be sure details on score cards correspond to targets to be scored. 2. Record scores called out by Target Officer. 3. If in doubt, seek verification from Target Officer before recording score. 4. Any alteration to score recorded on card to be verified and endorsed by Target Officer/Jury. 5. Record details of malfunctions etc. 6. Whenever possible, compare scores recorded with those estimated by Register Keeper. This must be done at end of stage and preferably for each series. Resolve any differences/difficulties with Jury/Target Officer/Range Officer. 7. Ensure that the shooter signs the score card of the 2nd Register Keeper next to the total before leaving the range. (6.9.2.4) 8. For Center Fire, note the caliber to assist with the use of plug gauges.

5.3 Target Officer - Paper Targets (25m) Rule 6.7.7.2

CHECK LIST	
MUST HAVE BEFORE COMPETITION	DUTIES OF TARGET OFFICERS
<ul style="list-style-type: none"> • Hearing protection • Replacement backing targets • Patches for backing targets • Supplies to repair or affix backing targets • Correctly numbered targets for particular range section • Gauges appropriate to competition (plug and skid) • Area organized for targets before and after being shot • Red, black and green ink pens • Sufficient helpers to ensure rapid changing, patching etc. 	<ol style="list-style-type: none"> 1. Ensure 25m backing targets are correctly placed and are free of shot holes or marks. 2. Ensure that sighting and competition targets are correctly numbered and are placed on the correct target holders in the correct order. 3. Ensure that target area is clear of all personnel and safe for shooting to commence and inform Chief Range Officer when this has been done. 4. After each series – visual inspection of targets (before scoring) to identify hits of a doubtful value and call attention of Jury to these hits. 5. Resolve hits of doubtful value with Jury/Range Officer – assist where required. 6. Score targets rapidly & accurately. 7. Ensure that the scores announced are accurately recorded by the 2nd Register Keeper & that any malfunctions, incidents, etc. are recorded on the score card. 8. Ensure targets are changed as required – see 2 above. 9. Ensure that backing targets are patched/changed in accordance with the rules. 10. Ensure that target area is clear of all personnel and safe for shooting to continue inform Chief Range Officer when this has been done.

5.4 Target Marker – Paper Targets (25m) Rule 6.7.7.4

MUST HAVE BEFORE COMPETITION	DUTIES OF MARKERS
<ul style="list-style-type: none"> • Hearing protection • Replacement backing targets • Patches for backing targets • Supplies to affix replacement backing targets. • Correctly numbered targets for range section. 	<p>1. Change/patch targets and change/patch as appropriate backing targets - <u>ONLY AFTER SCORING IS COMPLETED AND AFTER THE INSTRUCTION OF THE TARGET OFFICER.</u></p>

5.5 50m Pistol Men – QUALIFICATION Rule 6.11.1.1.2 and 6.11.2

5.5.1 RANGE OFFICERS' CHECK SHEET FOR PAPER TARGETS AND EST

MUST HAVE BEFORE PRE-EVENT AND EVENT

- Hearing protection
- Stopwatch
- Start list (most recent)
- Extra printer tape/score cards
- Sound system
- Knowledge of Electronic Scoring Target system
- Malfunction and Range Incident Report forms, Range Register, black/blue pens, etc available
- CRO should have ISSF Rule Book visible.

COURSE OF FIRE

Time limit – 120 minutes total - includes unlimited sighting shots (which must be fired before the 1st competition shot is fired); 60 competition shots.
 (Rule 8.8)

1. CRO clears personnel from target area
2. Shooters called to line
3. Check by Range Officers (Jury checks to see if done) before event
 Names, Target numbers and Start List correspond (notify CRO and Register Keeper of Inconsistencies)
 Equipment Control Card – Range Officer initial serial number of pistol used
 Bib numbers on back, above waist

Clothing and equipment checks to conform to Rules 6.4.2.1, 8.4.5 and 8.5

<p><u>“PREPARATION TIME BEGINS NOW”</u> (6.11.2.1.2)</p> <ul style="list-style-type: none"> • Start stopwatch • Wait 10 minutes , then call... <p><u>“START”</u> (6.11.2.2)</p> <ul style="list-style-type: none"> • Start stopwatch • At 110 minutes (or 10 minutes before end), call <p><u>“10 MINUTES”</u> (6.11.3.1)</p> <ul style="list-style-type: none"> • At 115 minutes (or 5 minutes before end), call <p><u>“5 MINUTES”</u></p> <ul style="list-style-type: none"> • At 120 minutes stop stopwatch and call (6.11.3.1) <p><u>“STOP. UNLOAD”</u> (6.11.3.2)</p> <ul style="list-style-type: none"> • Make the range safe • Range Officers check pistols before they are removed from line and cased. After range is made safe, allow target crew to go out and score, and/or replace targets. <i>NO PISTOL MAY BE REMOVED FROM THE FIRING LINE DURING THE COURSE OF FIRE WITHOUT THE PERMISSION OF A RANGE OFFICIAL WHO MUST VERIFY THAT THE PISTOL IS SAFE.</i> (6.2.2.5) 	<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> <p style="text-align: center;">PAPER TARGETS</p> <ul style="list-style-type: none"> • Scored in classification office • 2 Sighting targets • 5 competition shots per target <p style="text-align: right;">(8.8)</p> </div> <table style="width: 100%; border: 1px solid black;"> <tr> <td>Interruptions</td> <td style="text-align: right;">6.11.5</td> </tr> <tr> <td>Cross Fires</td> <td style="text-align: right;">6.11.8</td> </tr> <tr> <td>Side blinders</td> <td style="text-align: right;">6,4,10.3</td> </tr> <tr> <td>Protests</td> <td style="text-align: right;">6.15</td> </tr> <tr> <td>Coaching</td> <td style="text-align: right;">6.10.5.1</td> </tr> </table>	Interruptions	6.11.5	Cross Fires	6.11.8	Side blinders	6,4,10.3	Protests	6.15	Coaching	6.10.5.1
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TIE BREAKING	248	6.14
PROTEST AND APPEALS	250	6.15

5.6 10m PISTOL Men and Women – QUALIFICATION
Rule 6.11.1.1.1 and 6.11.2

5.6.1 Range Officers' Check Sheet for PAPER TARGETS and EST

MUST HAVE BEFORE PRE-EVENT AND EVENT

- Hearing protection
- Stopwatch
- Start list (most recent)
- Extra printer tape/score cards
- Sound system
- Knowledge of Electronic Scoring Target system
- Malfunction and Range Incident Report forms,
- Range Register, black/blue pens, etc available
- CRO should have ISSF Rule Book visible

PAPER TARGETS	
<ul style="list-style-type: none">• Scored in classification office• 4 Sighting targets• 1 competition shot per target	(8.8)

1. CRO clears personnel from target area
2. Shooters called to line
3. Check by Range Officers (Jury checks to see if done) before event
 - Names, Target numbers and Start List correspond (notify CRO and Register Keeper of inconsistencies)
 - Equipment Control Card – Range Officer initial serial number of pistol used
 - Bib numbers on back, above waist
 - Clothing and equipment checks to conform to Rules 6.4.2.1, 8.4.5 and 8.5.

“PREPARATION TIME BEGINS NOW” (6.11.2.1.2)

- Start stopwatch
- Wait 10 minutes, then call...

“START” (6.11.2.2)

- Start stopwatch
- At 10 minutes before end, call (6.11.3)

“10 MINUTES” (6.11.3)

- At 5 minutes before end, call

“5 MINUTES”

- At end of shooting time stop stopwatch and call

“STOP. UNLOAD” (6.11.3.2)

- Make the range safe
- Range Officers check pistols before they are removed from line and cased. After range is made safe, allow target crew to go out and score, and/or replace targets.

NO PISTOL MAY BE REMOVED FROM THE FIRING LINE DURING THE COURSE OF FIRE WITHOUT THE PERMISSION OF A RANGE OFFICIAL WHO MUST VERIFY THAT THE PISTOL IS SAFE. (6.2.2.5)

COURSE OF FIRE	
Sighting:	Unlimited in number before competition shots but included in time limit for match
Competition:	WOMEN – 40 shots in 1 hr. 15 min. MEN - 60 shots in 1 hr. 45 min.
	(8.8)

Interruptions	6.11.5
Cross Fires	6.11.8
Side blinders	6.4.6.3
Protests	6.15
Coaching	6.10.5

5.6.2 SHORT INDEX FOR 10m PISTOL COMPETITION

TOPIC	PAGE	RULE
SAFETY	178	6.2
EQUIPMENT AND AMMUNITION	315	8.4.0
Random Trigger Weigh Control check	317	8.4.1.6.4
CLOTHING REGULATIONS	220 & 318	6.4.2.1 & 8.4.5
COMPETITION RULES	240 & 334	6.11 & 8.8
Shooters should sign printer strip	240	6.11.1.2.2
Preparation time – 10 minutes	240	6.11.2.1.1
“Start” – no shot fired before	240	6.11.2.2.1
Sighting shots	240	6.11.2.3.1
Shot(s) fired before “Start”	241	6.11.2.3.2
Time remaining	241	6.11.3.1
“STOP”	241	6.11.4.3
SPECIFIC RULES FOR 10m AIR PISTOL EVENT	241	6.11.4
Releases propelling charge during preparation	241	6.11.4.1
Release of propelling charge after competition target in place	241	6.11.4.1.1
...changing a gas or air cylinder...(must have permission)	241	6.11.4.1.2
Loading more than 1 pellet	241	6.11.4.2
INTERRUPTIONS	242	6.11.5
10m Pistol, if a shooter must stop more than 3 minutes	242	6.11.5.1
If a shooter is interrupted more than 5 minutes	242	6.11.5.2
INFRINGEMENTS AND DISCIPLINARY RULES	242	6.11.6
Juries – right to examine pistols	226	6.6.2.4
If a shooter begins with an unapproved pistol	242	6.11.6.1
If a shooter alters his gun or equipment	242	6.11.6.2
If a shooter arrives late...	242	6.11.6.4
If...shooter is unable to produce Equipment Control card	243	6.11.6.5
Too many shots <u>in an event</u>	243	6.11.7.1
Too many shots <u>per paper target</u>	243	6.11.7.2
CROSSFIRES	244	6.11.8
Sighting shot on competition target of another	244	6.11.8.1
If there are more hits on shooter’s competition target	244	6.11.8.4
DISTURBANCES	244	6.11.9
MALFUNCTIONS	245	6.12
maximum extra shooting time = 15 min(in same relay)	245	6.12.2
Failure of 10m EST system	245	6.13
After failure is rectified and full range is in operation	246	6.13.2
In the event of single target (see also Interruptions 8.6.5)	246	6.13.3
RULES OF CONDUCT FOR SHOOTER AND OFFICIALS	237	6.10
Coaching during the conduct of any Event	237	6.10.5
TIE BREAKING	248	6.14
PROTEST AND APPEALS	250	6.16

5.7 25m RAPID FIRE PISTOL MEN

Rule 8.6.4.3

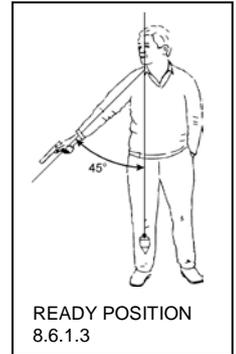
5.7.1 RANGE OFFICERS' CHECK SHEET FOR PAPER TARGETS AND EST

FIRST AND SECOND STAGES

MUST HAVE BEFORE PRE-EVENT AND EVENT QUALIFICATION

- Hearing protection
- Stopwatch
- Start list (most recent)
- Extra printer tape/score cards
- Sound system
- Knowledge of Electronic Scoring Target system or timer
- Malfunction and Range Incident Report forms, Range Register, range register, black/blue pens, etc. available
- CRO should have ISSF Rule Book visible.

INTERRUPTED SERIES	8.6.5.1.2
EARLY & LATE SHOTS	8.6.6.2
DISTURBANCES	8.6.7
TOO MANY SHOTS	8.6.6.1.1
CROSS FIRES	8.6.6.4
MALFUNCTIONS	8.7.4



1. CRO clears personnel from target area
2. Shooters called to line
3. Check by Range Officers (Jury checks to see if done) before event
 - Names, Target numbers and Start List correspond (notify CRO and Register inconsistencies)
 - Equipment Control Card – Range Officer initial serial number of pistol used
 - Bib numbers on back, above waist
 - Clothing and equipment checks to conform to Rules 6.4.2.1, 8.4.5 and 8.5

COURSE OF FIRE
 60 competition shots fired in 2 stages of 30 shots. Each stage consists of:
Sighting series
 1 series of 5 shots in 8 seconds
Competition series
 2 series of 5 shots in 8 seconds
 2 series of 5 shots in 6 seconds
 2 series of 5 shots in 4 seconds
 (Only 1 shot fired at each target in each series)

“PREPARATION TIME BEGINS NOW” (8.6.4.2-3)
 • Start stopwatch and put timer on 8 seconds for sighting series
 • Wait 3 minutes, then call out series and give command:
“FOR THE SIGHTING SERIES. LOAD.” (8.6.4.3.1)
 • Wait 1 minute, and give command:
“ATTENTION” (8.6.4.3.5)
 • Switch on red lights (if EST) or edge targets and give command:
“3-2-1-START” (8.6.4.3.5)
 • Press button to activate system at the same time the Start command is given. Shooters must be in the ready position at the end of the count-down “1”
 • At end of series, check to see if any malfunctions then give the command:
“UNLOAD”
 • Make the range safe
 • Face targets and allow target personnel forward to score, and repair; or, if EST, patch/change backers and control sheets
 • After target crew has finished and returned or signaled that they are in protected area, call out series and give command:
“8 (or 6 or 4) SECOND SERIES, LOAD.” (8.6.4.3.4)
 • Wait 1 minutes , then give the command:
“ATTENTION” (8.6.4.3.5)
 Switch on red lights if EST or edge targets and give the command
“3-2-1-START”
 • Press button to activate system at the same time the Start command is given. Shooters must be in the ready position at the end of the count-down “1”
 • At end of series, check to see if any malfunctions then give command:
“UNLOAD”
 • Make the range safe
 • Continue in same manner as above.
 • Change time on control box before going to new time series
 • After last series of 2nd half:
 • Announce that there will be random trigger checks, and Velocity Random Test. After target crew returns, begin random check by Equipment Control Officer

MALFUNCTIONS
Sighting – allowed to *complete* in another malfunction series (8.7.4.2)
Competition – 1 re-shoot for AM in each 30 shot stage (8.7.4.5.3)
Non-allowable- no re-shoot (8.7.4.5.1)
Series is repeated in the same time stage with the following regular series

Use Form A (page 268)

Check List:
RELAY RELAY

Prep.	Prep.
S	S
8	8
8	8
_____	_____
6	6
6	6
_____	_____
4	4
4	4
_____	_____

Shoot offs for Olympic Events (6.14.6, 6.14.6.5)

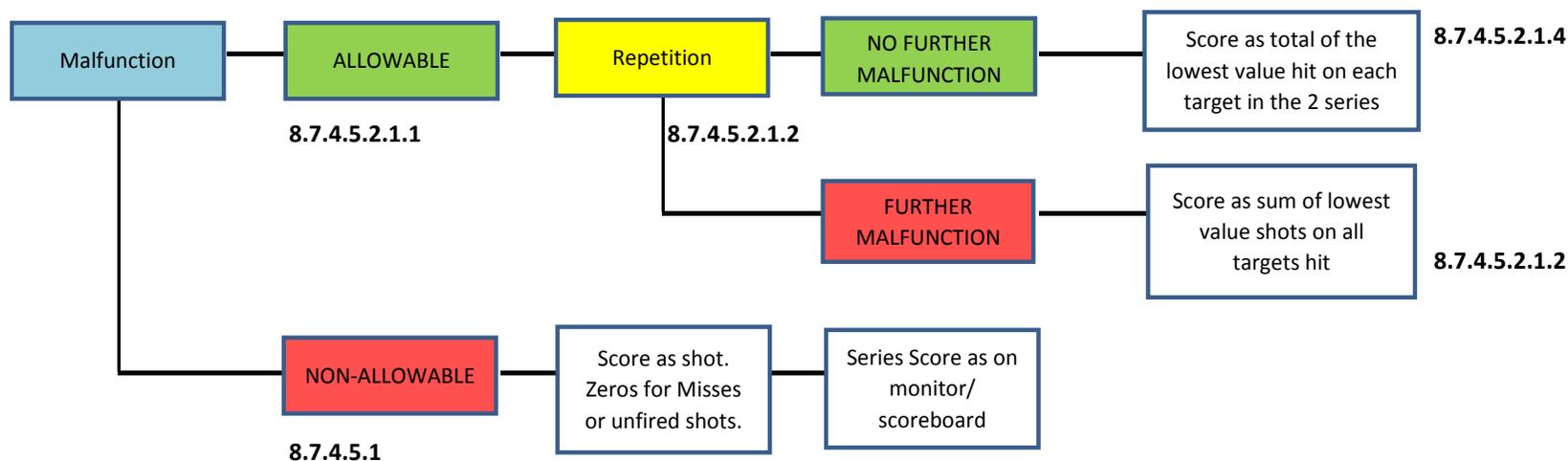
LOGIC DIAGRAM FOR MALFUNCTIONS

25meter Rapid Fire Pistol

MALFUNCTION SCORING PISTOL

25 m Rapid Fire Pistol Men

Note: Only one Malfunction allowed in each half course. (8.7.4.5.3.1)



5.7.2 SHORT INDEX FOR 25m RAPID FIRE PISTOL MEN COMPETITION

TOPIC	PAGE	RULE
SAFETY	315	8.2
EQUIPMENT AND AMMUNITION	315	8.4
Random Trigger Weight control checks	317	8.4.1.6.4
CLOTHING REGULATIONS	318	8.4.5
... EVENT PROCEDURES AND COMPETITION RULES	319 & 334	8.6 & 8.8
Position	319	8.6.1
Shooters should sign printer strip	240	6.11.1.2.2
Preparation time, 3 minutes	321	8.6.4.1.3
Preparation time begins now	321	8.6.4.1.2
If a shooter loads ... with more than 5 cartridges	321	8.6.4.2.3.1
Specific Rules for the 25m Rapid Fire Pistol Event	321	8.6.4.3
Before each series the shooter must lower his arm	322	8.6.4.3.6
INTERRUPTIONS	325	8.6.5.1
If the elapsed time is more than 15 minutes	325	8.6.5.1.1
...if series is interrupted, it must be annulled and repeated	325	8.6.5.1.2
INFRINGEMENTS AND DISCIPLINARY RULES	242	6.11.6
Juries - the right to examine pistols	226	6.6.2.4
If a shooter begins with unapproved pistol	242	6.11.6.1
If a shooter alters a gun or equipment	242	6.11.6.2
Doubt regarding alteration of pistol	221	6.4.8
Shooter is unable to produce the Equipment Control Card	243	6.11.6.5
If a shooter fires more competition shots on a target	243	6.11.7.1.1
EARLY AND LATE SHOTS	326	8.6.6.2
Any shot(s) fired accidentally after the command "LOAD"	326	8.6.6.2.1
Incorrect Range Commands	326	8.6.3
If, because of an incorrect command by Range Officer	326	8.6.6.3.1
CROSS FIRES	327	8.6.6.4
DISTURBANCES	327	8.6.7
If the claim is considered justified	327	8.6.7.1
The series must be annulled and the shooter may repeat	327	8.6.7.1.1
If the claim is considered not justified	327	8.6.7.2
The series may be repeated...	327	8.6.7.2.2.1
TIMING	328	8.6.8
MALFUNCTIONS	328	8.7
A shooter is allowed a maximum of 15 minutes...	245 & 328	6.12.2 & 8.7.3.1
ALLOWABLE MALFUNCTIONS (AM)	329	8.7.4.3.1
NON-ALLOWABLE MALFUNCTIONS (NAM)	330	8.7.4.3.2
Repeating or completing	331	8.7.4.5.4
Failure of 25m Electronic Scoring Target	332	8.7.5.2
25m Rapid Fire Pistol	332	8.7.5.3.3.1
Failure of a Single Target	332	8.7.5.2.4
RULES OF CONDUCT FOR SHOOTERS AND OFFICIALS	237	6.10
Coaching during the conduct of any event	237	6.10.5
EQUIPMENT AND AMMUNITION	220 & 318	6.4 & 8.4.4
TIE-BREAKING	248	6.14
Shoot off for Olympic Events	248 & 249	6.14.6 & 6.14.6.5
PROTESTS AND APPEALS	250	6.15
PISTOL EVENT TABLE	334	8.8
PISTOL SPECIFICATION TABLE	335	8.9

**5.8 25m PISTOL WOMEN QUALIFICATION AND
25m CENTER FIRE PISTOL MEN**

Rule 8.6.4.4

**5.8.1 RANGE OFFICERS' CHECK SHEET FOR PAPER TARGETS AND EST
PRECISION STAGE**

MUST HAVE BEFORE PRE-EVENT AND EVENT

- Hearing protection
- Stopwatch(es)
- Start list (most recent)
- Score cards
- Extra printer tape
- Sound system
- Knowledge of timer
- Malfunction and Range Incident Report forms, Range Register, blue or black pens available
- CRO should have ISSF Rule Book visible

INTERRUPTED SERIES	8.6.5.1.3
EARLY & LATE SHOTS	8.6.6.2
DISTURBANCES	8.6.7
TOO MANY SHOTS	8.6.6.1.1
CROSS FIRES	8.6.6.4
MALFUNCTIONS	8.7.4

1. CRO and Jury check that targets, backers, etc. are free from holes.
2. CRO clears personnel from target area
2. CRO calls shooters called to line
3. Check by Range Officers (Jury checks to see if done)
 - Names, Target numbers and Start List correspond (notify register keeper and CRO of changes)
 - Equipment Control Card/ Initial by serial number of pistol used
 - Bib numbers on back, above waist
 - Clothing and equipment checks to conform to Rules 6.4.2.1 and 8.4.5

<p><u>“PREPARATION TIME BEGINS NOW”</u> (8.6.4.1.3)</p> <ul style="list-style-type: none"> • Face targets, start stopwatch/timer • Wait 5 minutes • en edge targets, call out series and give appropriate command or signal <p><u>FOR THE SIGHTING SERIES. LOAD</u> (8.6.4.4.1-2)</p> <ul style="list-style-type: none"> • After 1 minute, face targets or <u>IF NO OTHER SIGNAL AVAILABLE, give command “START” or turn on green lights by activating system (don’t forget 7 second delay in some systems)</u> • At end of series (5 minutes), edge targets, check to see if any malfunctions then give command. <p><u>“UNLOAD” (If using stationary targets, give command “STOP. UNLOAD”)</u> (6.2.2.7.3)</p> <ul style="list-style-type: none"> • Make the range safe • Face targets, allow target personnel forward to score and repair • After target crew has finished and returned or signaled that they are in protected area, announce the next series and give the command... <p><u>“FOR THE FIRST (NEXT) SERIES. LOAD”</u></p> <ul style="list-style-type: none"> • After 1 minute, face targets or <u>IF NO OTHER SIGNAL AVAILABLE, give the command “START” or turn on green lights by activating system (don’t forget 7 second delay in some systems)</u> • At end of series (5 minutes), edge targets, or red lights come one, check for malfunctions and give the command... <p><u>“UNLOAD” (If using stationary targets, give command “STOP. UNLOAD”)</u></p> <ul style="list-style-type: none"> • Make the range safe • Face Targets and allow target personnel forward to score and repair/replace • Range Officers check pistols before they are cased and removed from line. • Range officers remind shooters to sign score cards when register keeper brings them forward.

<p><u>COURSE OF FIRE</u></p> <p>Sighting series 1 series of 5 shots – 5 minutes</p> <p>Competition series 6 series of 5 shots – 5 minutes each (8.8)</p>

Check List:

RELAY__	RELAY__
P	P
S	S
1	1
2	2
3	3
4	4
5	5
6	6

***MALFUNCTION – SIGHTING SERIES** –not counted as malfunction. If ALLOWABLE, unfired shots may be fired in the same time as the regular sighting series and fired immediately. (8.7.4.2)
 ***MALFUNCTION – COMPETITION SERIES** – may be allowed to **complete** series once for allowable malfunctions only (8.7.4.5.2.2.2). Series is completed with maximum of 1 minute for each shot to be fired. (8.7.4.5.3.1) Final series will be fired after other shooters have completed that time stage. (8.7.4.5.4) Forms B or C (pages 269/270)

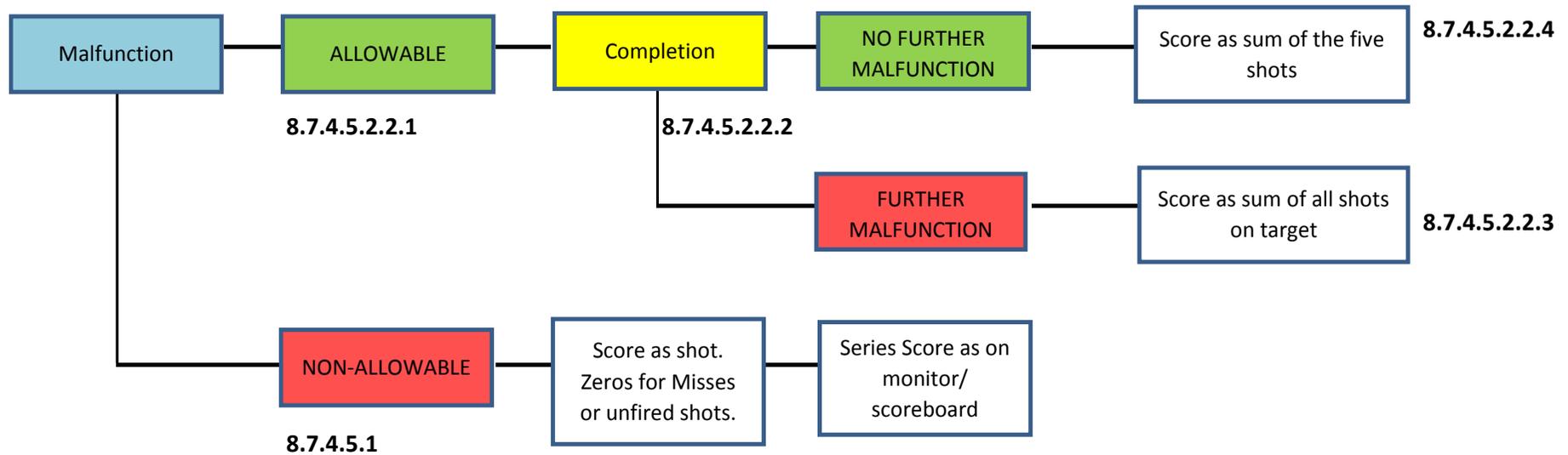
LOGIC DIAGRAM FOR MALFUNCTIONS

25 meter Pistol Women 25 meter Center Fire Pistol Men

MALFUNCTION SCORING PISTOL

25 m Pistol Women and 25m Center Fire Pistol Men

Note: Only one Malfunction allowed in each half course. (8.7.4.5.3.1)

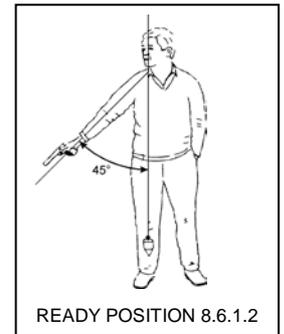


5.8.2 RANGE OFFICERS' CHECK SHEET FOR PAPER TARGETS AND EST RAPID FIRE STAGE

MUST HAVE BEFORE PRE-EVENT AND EVENT

- Hearing protection
- Stopwatch
- Start list (most recent)
- Score cards
- Extra printer tape
- Sound system
- Knowledge of target timer electronic target system
- Malfunction and Range Incident Report forms, Range Register, black/blue pens, etc available
- CRO should have ISSF Rule Book visible.

INTERRUPTED SERIES	8.6.5.1.3
EARLY & LATE SHOTS	8.6.6.2
DISTURBANCES	8.6.7
TOO MANY SHOTS	8.6.6.1.1
CROSS FIRES	8.6.6.4
MALFUNCTIONS	8.7.4



1. CRO clears personnel from target area
2. Shooters called to line
3. Check by Range Officers (Jury checks to see if done)
 - Names, Target numbers and Start List correspond (notify CRO and Register Keeper of discrepancies)
 - Check Equipment Control Card – Range Officer initials serial number of pistol used
 - Bib numbers on back, above waist
 - Clothing and equipment checks to conform to Rules 6.4.2.1, 8.4.5 and 8.5

<u>“PREPARATION TIME BEGINS NOW”</u>	(8.6.4.1.2)
<ul style="list-style-type: none"> • Face targets, start stopwatch/countdown clock • Wait 3 minutes, then call out series and give appropriate command or signal: 	
<u>“FOR THE SIGHTING SERIES. LOAD.”</u>	(8.6.4.4.3.2)
<ul style="list-style-type: none"> • After 1 minute, give command: 	
<u>“ATTENTION”</u>	
<ul style="list-style-type: none"> • Turn targets to edge-on, i.e. start timer or switch on red light, i.e. activate system • At end of series, check for malfunctions then give command 	
<u>“UNLOAD”</u>	(8.6.4.2.4)
<ul style="list-style-type: none"> • Make the range safe – • Face targets and allow target personnel forward to score and/or repair and to patch/repair backers and control sheets • After target crew has finished and returned or signaled that they are in protected area, call out series and give command: 	
<u>“FOR THE FIRST (NEXT) SERIES. LOAD”</u>	
<ul style="list-style-type: none"> • After 1 minute, give command: 	
<u>“ATTENTION”</u>	
<ul style="list-style-type: none"> • Turn targets to edge-on, i.e. start timer or switch on red light, i.e. activate system • At end of series, check for malfunctions then give command: 	
<u>“UNLOAD”</u>	
<ul style="list-style-type: none"> • Make the range safe • Face targets and allow target personnel forward to score and repair/replace and to patch/repair backers and control sheets • <u>After last series</u>, Same procedure as before but also • Announce random trigger check. • Begin random check when target personnel are in safe area. • Range Officers check pistols before they are cased and removed from line. • Range Officers remind shooters to sign score card when brought to line. 	

COURSE OF FIRE
Sighting series
1 series of 5 shots –
Competition series
6 series of 5 shots 8.8
Series = targets shown 5 times, each time for 3 seconds. Time between each appearance (edge-on) is 7 seconds. Only 1 shot for each “appearance.”

Check List:

RELAY ___	RELAY ___
P	P
S	S
1	1
2	2
3	3
4	4
5	5
6	6
_____	_____

***MALFUNCTION IN SIGHTING – (Allowable or non-allowable not counted as malfunction. If allowable, shooter may complete by firing unfired shots in 1 further sighting series. (8.7.4.2)**

***IN COMPETITION – Allowable malfunction may be claimed once in each 30 shot stage (8.7.4.5.3.1). Series is completed in the same time stage with the following regular series. Final series will be fired after other shooters have completed that time stage. (8.7.4.5.4) Forms B (page 269) or C (page 270).**

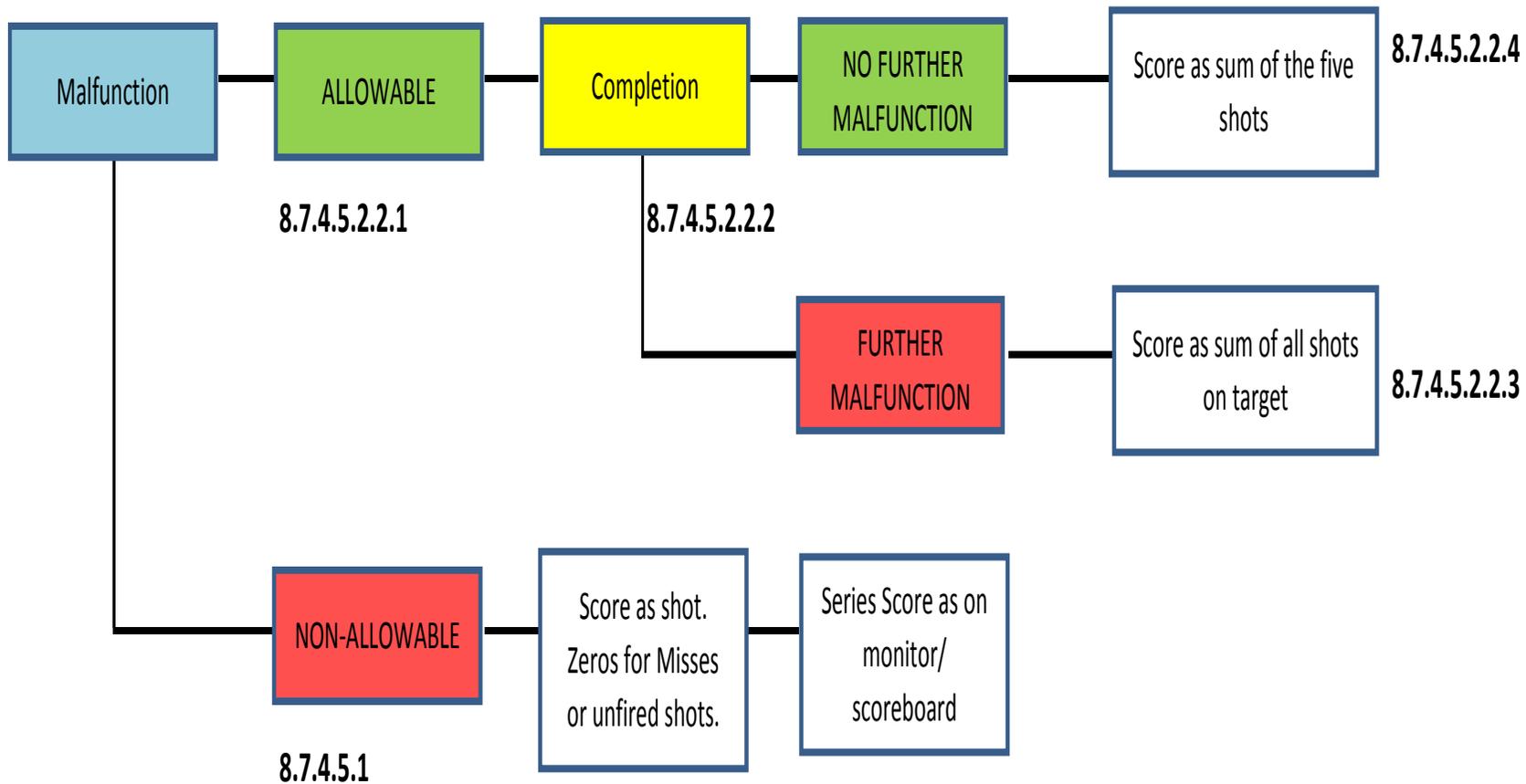
LOGIC DIAGRAM FOR MALFUNCTIONS

25 meter Pistol Women 25 meter Center Fire Pistol Men

MALFUNCTION SCORING PISTOL

25 m Pistol Women and 25m Center Fire Pistol Men

Note: Only one Malfunction allowed in each half course. (8.7.4.5.3.1)



5.8.3 RANGE OFFICERS' CHECK SHEET FOR EST PRECISION STAGE

MUST HAVE BEFORE PRE-EVENT AND EVENT

- Hearing protection
- Stopwatch (s)
- Start list
- Extra printer tape
- Sound system
- Knowledge of electronic target system
- Malfunction and Range Incident Report forms, Range Register, black or blue pens etc available
- CRO should have ISSF Rule Book visible

INTERRUPTED SERIES	8.6.5.1.2
EARLY & LATE SHOTS	8.6.6.2
DISTURBANCES	8.6.7
TOO MANY SHOTS	8.6.6.1.1
CROSS FIRES	8.6.6.4
MALFUNCTIONS	8.7.4

1. CRO clears personnel from target area
2. Shooters called to line
3. Check by Range Officers (Jury checks to see if done) before event
 - Names, Target numbers and Start List correspond
 - Check Equipment Control Card and initial serial number of pistol used
 - Bib numbers on back, above waist
 - Clothing and equipment checks to conform to Rules 6.4.2.1, 8.4.5 and 8.5

<p><u>“PREPARATION TIME BEGINS NOW”</u> (8.6.4.1.3)</p> <ul style="list-style-type: none"> • Start stopwatch/timer • Wait 5 minutes , then call out series and give command... <p><u>FOR THE SIGHTING SERIES. LOAD”</u> (8.6.4.4.2.1)</p> <ul style="list-style-type: none"> • After 1 minute turn on green lights by activating system (don't forget 7 second delay in some systems) • At end of series (5 minutes) red lights come on, check for malfunctions then give command... <p><u>“UNLOAD”</u> (6.2.2.7.4)</p> <ul style="list-style-type: none"> • Make the range safe (magazines out, cylinders open , chambers empty) • Allow target personnel forward to patch or replace control sheets • After target crew has finished and returned or signaled that they are in protected area, make sure targets are ready then call the series and give the command... <p><u>“FOR THE FIRST (NEXT) SERIES. LOAD”</u></p> <ul style="list-style-type: none"> • After 1 minute, turn on green lights by activating system • At end of series (5 minutes) red lights, check for malfunctions then give the command... <p><u>“UNLOAD”</u></p> <ul style="list-style-type: none"> • Make the range safe (magazines out, cylinders open, chambers empty) • Allow target personnel forward to repair or replace control sheet, etc. • <u>After last series</u>, Range Officers check pistols to be sure they are unloaded before they are cased and removed from line. • Range officers remind shooters to sign printer strip. • After range is made safe, allow target crew to go out replace backing targets and control sheets.

<p>COURSE OF FIRE</p> <p>Sighting series 1 series of 5 shots – 5 minutes</p> <p>Competition series 6 series of 5 shots – 5 minutes each (8.8)</p>
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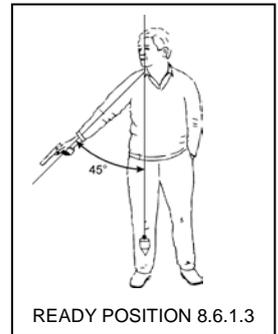
Check List:

RELAY ___	RELAY ___
P	P
S	S
1	1
2	2
3	3
4	4
5	5
6	6
_____	_____

***MALFUNCTION – SIGHTING SERIES (Allowable or non-allowable)**—not counted as malfunction. If allowable, shooter may complete Sighting Series; unfired shots may be fired in a maximum of 2 minutes.(8.7.4.2)

***MALFUNCTION – COMPETITION SERIES** – Allowable malfunction may be claimed once in each 30 shot stage (8.7.4.5.3.1). Series is completed in the same time stage with the following regular series. Final series will be fired after other shooters have completed that time stage. (8.7.4.5.4) Forms B (page 269) or C (page 270).

5.8.4 RANGE OFFICERS' CHECK SHEET FOR EST RAPID FIRE STAGE



MUST HAVE BEFORE PRE-EVENT AND EVENT

- Hearing protection
- Stopwatch(s)
- Start list
- Extra printer tape
- Sound system
- Knowledge of electronic target system
- Malfunction and Range Incident Report forms, Range Register, black or blue pens etc available
- CRO should have ISSF Rule Book visible

1. CRO clears personnel from target area
2. Shooters called to line
3. Check by Range Officers (Jury checks to see if done) before event
 - Names, Target numbers and Start List correspond (notify CRO of changes)
 - Equipment Control Card – Range Officer initial serial number of pistol used
 - Bib numbers on back, above waist
 - Clothing and equipment checks to conform to Rules 8.4.7 and 4.1.0

INTERRUPTED SERIES	8.6.5.1.2
EARLY & LATE SHOTS	8.6.6.2
DISTURBANCES	8.6.7
TOO MANY SHOTS	8.6.6.1.1
CROSS FIRES	8.6.6.4
MALFUNCTIONS	8.7.4

“PREPARATION TIME BEGINS NOW” (8.6.4.1.2)

- Start stopwatch/countdown clock
- Wait 3 minutes, then call out series and give command:

“FOR THE SIGHTING SERIES. LOAD.” (8.6.4.4.3.2)

- After 1 minute, give command:

“ATTENTION”

- Switch on red lights i.e. activate system
- At end of series, check for malfunctions then give command:

“UNLOAD”

- Make the range safe
- Allow target personnel forward to patch/change backers and control sheets
- After target crew has finished and returned or signaled that they are in protected area, call out series and give command:

“FOR THE FIRST (NEXT) SERIES. LOAD”

- After 1 minute, give command:

“ATTENTION”

- Switch on red light i.e. activate system
- At end of series, check for malfunctions then give command:

“UNLOAD”

- Make the range safe
- After last series, same procedure as above but also
- Announce random trigger check.
- Begin random check by Equipment Control Officers
- Range Officers check pistols before cased and removed from line.
- Range Officers remind shooters to sign printer strip.

COURSE OF FIRE

Sighting series

1 series of 5 shots –

Competition series

6 series of 5 shots

Series = green lights come on (“appearance”) 5 times, each time for 3 seconds.

Time between each appearance (when red lights are on) is 7 seconds.

Only 1 shot fired at each “appearance.”

8.8

Check List:

RELAY ___	RELAY ___
P	P
S	S
1	1
2	2
3	3
4	4
5	5
6	6

***MALFUNCTION IN SIGHTING** – not counted as malfunction. Complete by firing **unfired** shots in 1 further sighting series. (8.7.4.2)

***MALFUNCTION IN COMPETITION** – 1 re-shoot in each 30 shot stage allowed for allowable malfunctions only (8.7.4.5.3.1). Series is completed in the same time stage with the following regular series. Final series will be fired after other shooters have completed that time stage. (8.7.4.5.4,) Forms B or C (8.7.4.6) must be used.

5.8.5 SHORT INDEX FOR 25m PISTOL AND CENTER FIRE PISTOL COMPETITION

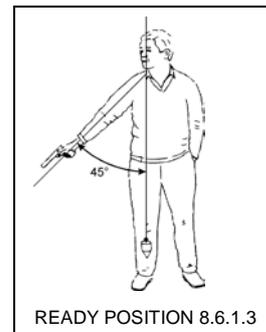
TOPIC	PAGE	RULE
SAFETY	315 & 178	8.2.0 & 6.2
EQUIPMENT AND AMMUNITIONS	315	8.4
Random Trigger Weight control checks	317	8.4.1.6.4
CLOTHING REGULATIONS	318	8.4.5
EVENT PROCEDURES AND COMPETITION RULES	319 & 334	8.6 & 8.8
Position	319	8.6.1
Shooters should sign printer strip	240	6.11.1.2.2
Preparation time, 5 minutes and 3 minutes	321	8.6.4.1.3
Preparation time begins now	321	8.6.4.1.2
If a shooter loads his/her pistol with more than 5 cartridges	321	8.6.4.2.3.1
Specific Rules for 25m Pistol and Center Fire Pistol	323	8.6.4.4
Before each shot the shooter must lower his/her arm	322	8.6.4.4.3.2
INTERRUPTIONS	325	8.6.5.1
If the elapsed time is more than 15 minutes	325	8.6.5.1.1
...interrupted series must be completed	325	8.6.5.1.3
INFRINGEMENTS AND DISCIPLINARY RULES	242	6.11.6
Juries – right to examine pistols	226	6.6.2.4
If a shooter begins with unapproved pistol	242	6.11.6.1
If a shooter alters a gun or equipment	242	6.11.6.2
Doubt regarding alteration to pistol	221	6.4.8
The shooter is unable to produce the Equipment Control Card	243	6.11.6.5
If a shooter fires more competition shots on a target	243	6.11.7.1.1
EARLY AND LATE SHOTS	326	8.6.6.2
Any shot(s) fired accidentally after the command "LOAD"	326	8.6.6.2.1
In a Prec. Stage, if a shot(s) is fired after command "STOP"	326	8.6.6.2.2
Incorrect Range Commands	326	8.6.6.3
If, because of an incorrect command by Range Officer	326	8.6.6.3.1
CROSS FIRES	327	8.6.6.4
DISTURBANCES	327	8.6.7
If the claim is considered justified	327	8.6.7.1
If the claim is considered not justified	327	8.6.7.2
TIMING	328	8.6.8
MALFUNCTIONS	328	8.7
A shooter is allowed a maximum of 15 minutes...	328	8.7.3.1
ALLOWABLE MALFUNCTIONS (AM)	329	8.7.4.3.1
Completing	331	8.7.4.5.2.2.1
NON-ALLOWABLE MALFUNCTIONS (NAM)	330	8.7.4.3.2
Scoring	330	8.7.4.5.1
Failure of 25m Electronic Scoring or Paper Target Systems	332	8.7.5
25m Pistol and Center Fire pistol	332	8.7.5.2.2
Failure of a Single Target	332	8.7.5.2.4
RULES OF CONDUCT FOR SHOOTERS AND OFFICIALS	237	6.10
Coaching during the conduct of any event	237	6.10.5
EQUIPMENT CONTROL AND AMMUNITION	220 & 318	6.4 & 8.4.4
TIE-BREAKING	248	6.14
PROTESTS AND APPEALS	250	6.15
PISTOL EVENT TABLE	334	8.8
PISTOL SPECIFICATION TABLE	335	8.9

5.9 25 m STANDARD PISTOL - Rule 8.6.4.5

5.9.1 RANGE OFFICERS' CHECK SHEET FOR PAPER TARGETS AND EST

MUST HAVE BEFORE PRE-EVENT AND EVENT

- Hearing protection
 - Stopwatch
 - Start list
 - Score cards/extra printer tape
 - New targets and patches
 - Sound system
 - Knowledge of timer if using turning targets or Knowledge of electronic target system
 - Malfunction and Range Incident Report forms, Range Register, etc available
 - CRO should have ISSF Rule Book visible
1. CRO clears personnel from target area
 2. Shooters called to line
 3. Check by Range Officers (Jury checks to see if done) before event
 - Names, Target numbers and Start List correspond
 - Equipment control sheet/serial numbers
 - Bib numbers on back, above waist
 - Clothing and equipment checks to conform to rules 6.4.2.1, 8.4.5 and 8.5



Ready Position applies to 20 and 10 seconds stages only. (8.6.1.4)

INTERRUPTED SERIES	8.6.5.1.2
EARLY & LATE SHOTS	8.6.6.2.1
DISTURBANCES	8.6.7
TOO MANY SHOTS	8.6.6.1.1
CROSS FIRES	8.6.7.1.1
MALFUNCTIONS	8.7.4

“PREPARATION TIME BEGINS NOW” (8.6.4.1.2)

- Start stopwatch/timer
- Wait 5 minutes , then call out series and gives command:

“FOR THE SIGHTING SERIES. LOAD.” (8.6.4.5.6.1)

- After 1 minute, give command:

“ATTENTION” (8.6.4.5.3)

- Switch on red light or turn targets to edge-on, i.e. start timer
- At end of series, check for malfunctions then give command:

“UNLOAD”

- Make the range safe
- Allow target personnel forward to score and/or repair
- After target crew has finished and returned or signaled that they are in protected area, call out series and give command:

“150 (20 or 10) SECOND SERIES. LOAD” (8.6.4.5.2)

- After 1 minute, give command:

“ATTENTION”

- Switch on red light or turn targets to edge-on, i.e. start timer
- At end of series, check for malfunctions then give command:

“UNLOAD”

- Make the range safe
- Allow target personnel forward to score and or repair
- After last series, Range Officers check pistols before they are removed from line and cased. Remind shooters to sign score sheet or printer strip and wait for random trigger check.
- After range is made safe, allow target crew to go out and score, and/or replace targets.

COURSE OF FIRE

SIGHTING SERIES:

1 series x 5 shots in 150 seconds

COMPETITION (3 STAGES)

1. 4 series x 5 shots in 150 seconds

2. 4 series x 5 shots in 20 seconds

3 4 series x 5 shots in 10 seconds

Check Lists:

RELAY ____

Preparation (5 min.)

Sighting Series (150 sec)

150 150 150 150 M

20 20 20 20 M

10 10 10 10 M

RELAY ____

Preparation (5 min.)

Sighting Series (150 sec)

150 150 150 150 M

20 20 20 20 M

10 10 10 10 M

***MALFUNCTION IN SIGHTING SERIES** –not counted as malfunction. If allowable, sighting series may be completed by firing **unfired** shots in 1 further sighting series.

***MALFUNCTION – COMPETITION SERIES** – Shooter may claim 1 allowable malfunction in the 150 sec. stage and 1 in combined 20 and 10 sec. stage (8.7.4.5.3.2) Series is completed in the same time stage with the following regular series. Final series will be fired after other shooters have completed that time stage. (8.7.4.5.4) Use Form D (Page 271).

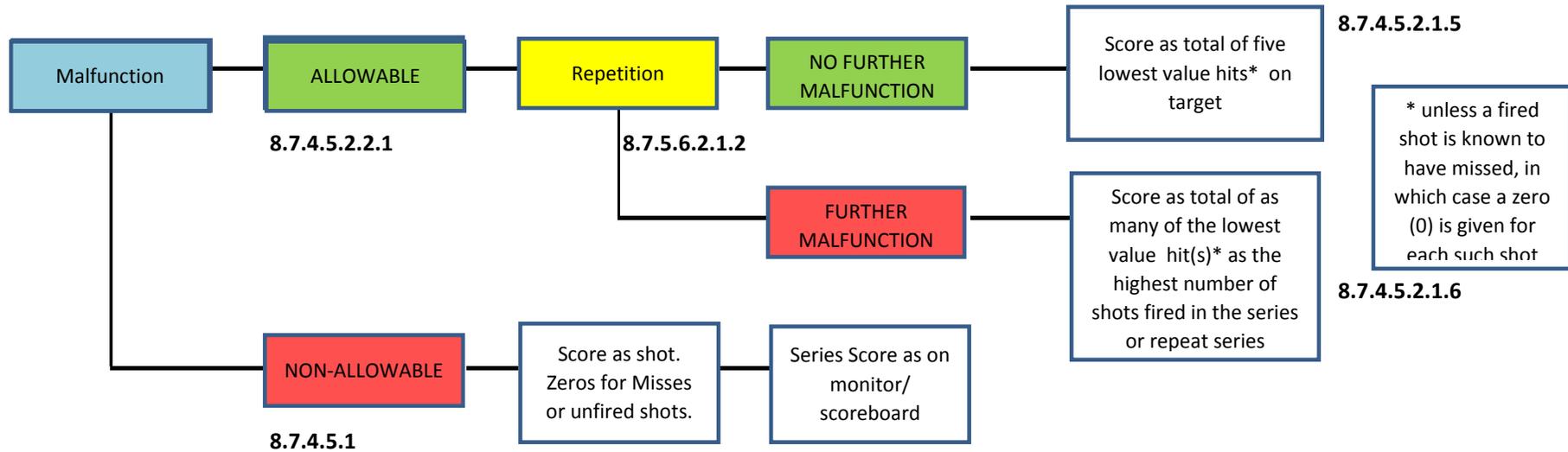
LOGIC DIAGRAM FOR MALFUNCTIONS

25 meter Standard Pistol

MALFUNCTION SCORING PISTOL

25 m Standard Pistol Men

Note: Only one Malfunction allowed in each of 150 sec and combined 20 & 10 sec course. (8.7.4.5.3.2)



5.9.2 SHORT INDEX FOR 25 M STANDARD PISTOL COMPETITION

TOPIC	PAGE	RULE
SAFETY	178	6.2
EQUIPMENT AND AMMUNITIONS	315 & 335	8.4 & 8.9
Random Trigger Weight control checks	317	8.4.1.6.4
CLOTHING REGULATIONS	318	8.4.5
... EVENT PROCEDURES AND COMPETITION RULES	319	8.6
Position	319	8.6.1
Shooters should sign printer strip	240	6.11.1.2.2
Preparation time, 5 minutes	321	8.6.4.1.3
Preparation time begins now	321	8.6.4.1.2
If a shooter loads his pistol with more than 5 cartridges	321	8.6.4.2.3.1
Specific Rules for the 25m Standard Pistol Event	324	8.6.4.5
Before each series (except 150 sec.) the shooter must lower...	325	8.6.4.5.4
INTERRUPTIONS	325	8.6.5
If the elapsed time is more than 15 minutes	325	8.6.5.1.1
Series is interrupted, it must be annulled and repeated	325	8.6.5.1.2
INFRINGEMENTS AND DISCIPLINARY RULES	342	6.11.6
Juries – right to examine pistol	226	6.6.2.4
If a shooter begins with unapproved pistol	242	6.11.6.1
If a shooter alters his pistol or equipment	242	6.11.6.2
If there are any doubts regarding any alteration	242	6.11.6.3
Shooter unable to produce the Equipment Control Card	243	6.11.6.5
If a shooter fires more competition shots on a target	326	8.6.6.1.1.1
EARLY AND LATE SHOTS	326	8.6.6.2
Any shot(s) fired accidentally after the command "LOAD"	326	8.6.6.2.1
Incorrect Range Commands	326	8.6.6.3
If, because of an incorrect command by Range Officer	326	8.6.6.3.1
CROSS FIRES	327	8.6.6.4
DISTURBANCES	327	8.6.7
If the claim is considered justified	327	8.6.7.1
The series must be annulled and the shooter may repeat	327	8.6.7.1.2
If the claim is considered not justified	327	8.6.7.2
The series may be repeated...	327	8.6.7.2.2.2
TIMING	328	8.6.8
MALFUNCTIONS	328	8.7.3
A shooter is allowed a maximum of 15 minutes...	328	8.7.3.1
ALLOWABLE MALFUNCTIONS (AM)	329	8.7.4.3.1
25m Standard Pistol: The score must be recorded...	331	8.7.4.5.2.1.5
Interrupted series after an ALLOWABLE MALFUNCTION	331	8.7.4.5.4
NON-ALLOWABLE MALFUNCTIONS (NAM)	330	8.7.4.3.2
Failure of 25m Electronic Scoring Target Systems	332	8.7.5.2
25m Standard Pistol	332	8.7.5.2.3
Failure of a Single Target	332	8.7.5.2.4
RULES OF CONDUCT FOR SHOOTERS AND OFFICIALS	337	6.10
Coaching during the conduct of any event	337	6.10.5
EQUIPMENT CONTROL	320	6.4
TIE-BREAKING	248	6.14
25m Events Without Finals	248	6.14.3.1
PROTESTS AND APPEALS	250	6.15
PISTOL EVENT TABLE	334	8.8
PISTOL SPECIFICATION TABLE	335	8.9

6 FINALS - Rule 6.16

6.1 Finals 10m AIR PISTOL MEN and WOMEN

Rule 6.16.4 et seq.

6.1.1 RANGE OFFICERS' CHECK LIST FOR PAPER TARGETS AND EST

MUST HAVE BEFORE EVENT

- Hearing protection
- Stopwatch
- Start list (most recent)
- Extra printer tape/score cards
- Sound system
- Knowledge of Electronic Scoring Target system or timer
- Malfunction and Range Incident Report forms, Range Register, black/blue pens, etc available
- CRO should have ISSF Rule Book visible.

COURSE OF FIRE	
Sighting time	– 5 minutes
Unlimited sighting shots	6.16.4.5.1
Competition	– 10 shots fired single shot-for-shot
	6.16.4.5.3

20.00 min (at least) before the scheduled START TIME	<ul style="list-style-type: none"> • Finalists report to the Jury in the preparation area to check names, start numbers, clothing and firing positions and have triggers weighed
11:00 min. before START TIME	<ul style="list-style-type: none"> • Call shooters to the range
10:00 min. before START TIME	<ul style="list-style-type: none"> • Announcer reads prepared script regarding the event
8 min. 30 seconds before START TIME	<p><u>“PREPARATION TIME BEGINS NOW”</u> (6.16.4.3.4)</p> <ul style="list-style-type: none"> • Start stopwatch • Introduce competitors to spectators
5 min. 30 seconds before START TIME	<p><u>“SIGHTING TIME, START”</u> (6.16.4.5.1)</p> <ul style="list-style-type: none"> • Start stopwatch
1 min. before START TIME	<p><u>“30 SECONDS”</u> (6.16.4.5.1.1)</p>
30 seconds before START TIME	<p><u>“STOP”</u> (6.16.4.5.1.2)</p> <ul style="list-style-type: none"> • If using paper targets, shooters replace targets. If using EST, pause 30 seconds to ensure targets are ready.
START TIME	<p><u>“FOR THE FIRST/NEXT COMPETITION SHOT – LOAD”</u> <u>“ATTENTION 3-2-1-START”</u> (6.16.4.5.3)</p> <ul style="list-style-type: none"> • Start stopwatch
5 seconds after the last shooter has fired OR immediately upon termination of 75 seconds	<p><u>“STOP”</u></p>
10 seconds after the scoring and announcement of results	<ul style="list-style-type: none"> • If pit or carrier system used; then the command “CHANGE TARGETS” is given after the command “STOP” • If using paper targets, allow classification to score targets. • Announcement of results immediately if ESP or as soon as scores are available if paper targets. • Repeat procedure until 10 shots are fired.

6.2 Finals 50m PISTOL MEN

Rule 6.16.4

6.2.1 RANGE OFFICERS' CHECK LIST FOR PAPER TARGETS AND EST

MUST HAVE BEFORE EVENT

- Hearing protection
- Stopwatch
- Start list (most recent)
- Extra printer tape/score cards
- Sound system
- Knowledge of Electronic Scoring Target system or timer
- Malfunction and Range Incident Report forms, Range Register, black/blue pens, etc
- CRO should have ISSF Rule Book visible.

<p>COURSE OF FIRE</p> <p>Sighting time – 5 minutes Unlimited sighting shots</p> <p>Competition – 10 shots fired single shot-for-shot</p>

<p>20.00 min (at least) before the scheduled START TIME</p>	<ul style="list-style-type: none"> • Finalists report to the Jury in the preparation area to check names, start numbers, clothing and firing positions. • CRO clears personnel from target area
<p>11:00 min. before START TIME</p>	<ul style="list-style-type: none"> • Call shooters to the range
<p>10:00 min. before START TIME</p>	<ul style="list-style-type: none"> • Announcer reads prepared script regarding the event
<p>8 min. 30 seconds before START TIME</p>	<p><u>“PREPARATION TIME BEGINS NOW”</u> (6.16.4.3.4)</p> <ul style="list-style-type: none"> • Start stopwatch • Introduce competitors to spectators
<p>5 min. 30 seconds before START TIME</p>	<p><u>“SIGHTING TIME, START”</u> (6.16.4.5.1)</p> <ul style="list-style-type: none"> • Start stopwatch
<p>1 min. before START TIME</p>	<p><u>“30 SECONDS”</u> (6.6.4.5.1.1)</p>
<p>30 seconds before START TIME</p>	<p><u>“STOP”</u></p> <ul style="list-style-type: none"> • If pit or carrier system used; then the command “CHANGE TARGETS” is given after the command “STOP.” If using EST, pause 30 seconds to ensure targets are ready.
<p>START TIME</p>	<p><u>“FOR THE FIRST/NEXT COMPETITION SHOT – LOAD”</u></p> <p><u>“ATTENTION 3-2-1-START”</u> (6.16.4.5.3)</p> <ul style="list-style-type: none"> • Start stopwatch
<p>5 seconds after the last shooter has fired OR immediately upon termination of 75 seconds</p>	<p><u>“STOP”</u></p> <ul style="list-style-type: none"> • If pit or carrier system used; then the command “CHANGE TARGETS” is given after the command “STOP” • If using paper targets, allow classification to pick up and score targets. • Announcement of results – immediately if EST or as soon as scores are available if paper targets.
<p>10 seconds after the scoring and announcement of results</p>	<ul style="list-style-type: none"> • Repeat procedure until 10 shots are fired.

6.3 Finals 25m RAPID FIRE PISTOL

Rule 6.16.5

6.3.1 Range Officers' Check List/Script for Paper Targets and EST

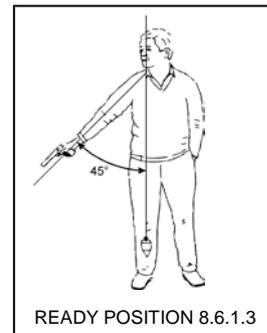
MUST HAVE BEFORE EVENT

- Hearing protection.
- Stopwatch
- Finals start list
- Clean backers, backing cards and control sheets
- Score cards
- Sound system
- Knowledge of electronic target system or timer
- Countdown clock
- Malfunction, Incident Report forms, Range Register, blue/black pens, etc. are available
- CRO should have ISSF Rule Book visible

COURSE OF FIRE

SIGHTING:
1 series of 5 shots in 4 seconds

COMPETITION:
4 series of 5 shots each in 4 seconds



Check List:

P S 1 2 3 4

Check by Range Officers/Jury in Preparation area

- Be sure competitor numbers and names correspond to start list
- Equipment control card/serial numbers
- Bib numbers on back, above waist
- Clothing and equipment checks to conform to rules
- Triggers weighed by Equipment Control officer (Ammunition must have been tested before Finals (8.4.4))

1. CRO clears personnel from target area
2. Shooters called to line and presented
3. Shooters may set up their equipment during the presentation

“PREPARATION TIME BEGINS NOW”

- Start stopwatch/countdown clock and put timer on 4 seconds for sighting series
- Wait 2 minutes, then call out series and give command:

“FOR THE SIGHTING SERIES. LOAD.”

(6.16.5.3.3)

- Wait 1 minute, and give command:

“ATTENTION”

- Switch on red lights (if EST) or edge targets and give command:

“3-2-1-START”

- Press button to activate system at the same time the Start command is given. Shooters must be in the ready position at the end of the count-down ‘1’
- At end of series, check for malfunctions then give the command:

“UNLOAD”

- Make the range safe
- Face targets and allow target personnel forward to score, and repair if paper targets
- After 1 minute for EST or after target crew has finished and returned or signaled that they are in protected area, call out series and give command

“FOR THE FIRST / NEXT COMPETITION SERIES. LOAD.”

- Wait 1 minutes, then give the command:

“ATTENTION”

- Switch on red lights if EST or edge targets and give the command

“3-2-1-START”

- Press button to activate system at the same time the Start command is given. Shooters must be in the ready position at the end of the count-down ‘1’
- At end of series, check for malfunctions then give command:

“UNLOAD”

- Make the range safe
- 5 seconds after the end of series, the announcement of results should start
- 10 seconds after the announcement of results, the next series should start
- Continue in same manner as above.

MALFUNCTIONS:

- * 1 re-shoot for AM during finals and shoot-off
- * NO RE-SHOOT for NAM
- * Shooter has 3 minutes to repair or replace pistol or ammunition.
- * Shooter with malfunction completes before others scores are shown.
- * Sighting series, same as for Qualification.

6.16.6.4.

TIES

- * Tie shoot-off must start immediately
- * 1 series of 5 shots until tie is broken
- * Other shooters withdraw after the scoring of their Finals results
- * If more than 1 tie, break lowest ranking position first
- * **COMMANDS:**
“FOR THE FIRST/ NEXT SERIES-LOAD”
etc.

6.16.6.2

6.4 Finals 25m PISTOL WOMEN

Rule 6.16.5.4

6.4.1 RANGE OFFICERS' CHECK LIST FOR PAPER TARGETS

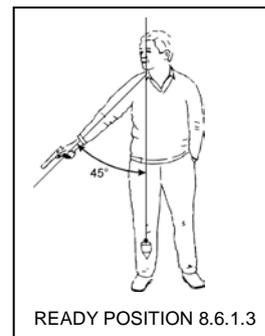
MUST HAVE BEFORE EVENT

- Hearing protection
- Stopwatch
- Finals start list
- New targets, and backing targets
- Sound system
- Score cards and pens
- Countdown clock
- Malfunction and Range Incident Report forms, Range Register, blue/black pens, etc. available
- CRO should have ISSF Rule Book visible

Check by Range Officers/Jury in Preparation area:

- Target numbers, shooters, start list correspond
- Equipment control card/serial numbers
- Bib numbers on back, above waist
- Clothing and equipment checks to conform to rules
- Triggers weighed by Equipment Control officer

1. Before each shot, shooter must adopt Ready Position and wait for the targets to face.
2. Pistol must not be rested on bench or shooting table during the series.
3. Pistol may not be pointed to the ground within the forward edge of the firing point.



COURSE OF FIRE

SIGHTING:

1 series of 5 shots in Rapid Fire Stage

COMPETITION:

4 series of 5 shots each in Rapid Fire Stage

Check List:

1. CRO clears personnel from target area
2. Shooters called to line and presented
3. Shooters may set up their equipment during the presentation

P S 1 2 3 4

“PREPARATION TIME BEGINS NOW”

(6.16.5.2.3)

- Face targets, start stopwatch/countdown clock
- Wait 2 minutes, then announce series and give command:

“FOR THE SIGHTING SERIES-LOAD.”

(6.16.5.4.3)

- After 1 minute, give command:

“ATTENTION”

- Press start or activate timer (targets edge then after 7 seconds, face, etc)
- At end of series, check for malfunctions then give command:

“UNLOAD”

- Make the range safe
- Face targets and allow target personnel forward to score and repair. Scores not announced.
- After target crew has finished and returned or signaled that they are in protected area, announce series and give command:

“FOR THE FIRST (NEXT) COMPETITION SERIES-LOAD”

- After 1 minute, give command:

“ATTENTION”

- Press start or activate timer (targets edge then after 7 seconds, face, etc)
- At end of series, check for malfunctions then give command:

“UNLOAD”

- Make the range safe
- Face targets and allow target personnel forward to score and repair backers
- Scores are announced. After target crew is in protected area, continue as above. After last series, determine if any ties. If so, see box on right. If none, Range Officers check pistols before they are cased and removed from line.

MALFUNCTIONS:

- * Confirm the series for AM during finals and shoot-off
- * NO COMPLETION for NAM
- * Shooter has 3 minutes to repair or replace pistol or ammunition.
- * Shooter with malfunction completes before others scores are shown.
- * Sighting series, same as for Qualification.

TIES

- * Tie shoot-off must start immediately
- * 1 series of 5 shots until tie is broken
- * Other shooters withdraw after the scoring of their Finals results
- * If more than 1 tie, break lowest ranking position first
- * **COMMANDS:**
“FOR THE FIRST/ NEXT SERIES-LOAD”
etc.

6.16.6.3

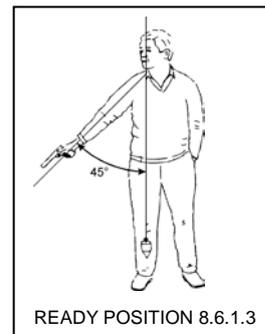
6.5 Finals 25m PISTOL WOMEN – EST
6.5.1 RANGE OFFICERS' CHECK LIST FOR EST

Rule 6.16.5.4

MUST HAVE BEFORE EVENT

- Hearing protection.
- Stopwatch
- Finals start list
- Clean backers, backing cards and control sheets
- Sound system
- Knowledge of electronic target system
- Countdown clock
- Malfunction and Range Incident Report forms, Range Register, blue/black pens, etc. available
- CRO should have ISSF Rule Book visible

1. Before each shot, shooter must adopt Ready Position and wait for the green light to come on.
2. Pistol must not be rested on bench or shooting table during the series.
3. Pistol may not be pointed to the ground within the forward edge of the firing point.



Check by Range Officers/Jury in Preparation area)

- Be sure competitor numbers and names correspond to start list
- Equipment control card/serial numbers
- Bib numbers on back, above waist
- Clothing and equipment checks to conform to rules
- Triggers weighed by Equipment Control officer

COURSE OF FIRE

SIGHTING:
1 series of 5 shots in Rapid Fire Stage

COMPETITION:
4 series of 5 shots each in Rapid Fire Stage (6.16.5.4.1)

1. CRO clears personnel from target area
2. Shooters called to line and presented
3. Shooters may set up their equipment during the presentation

P	S	1	2	3	4
----------	----------	----------	----------	----------	----------

“PREPARATION TIME BEGINS NOW” (6.16.5.2.3)

- Start stopwatch/countdown clock
- Wait 2 minutes, then announce series and give command:

“FOR THE SIGHTING SERIES-LOAD” (6.16.5.4.3)

- After 1 minute, give command:

“ATTENTION”

- Switch on red light i.e. activate timer.
- At end of series, check for malfunctions then give command:

“UNLOAD”

- Make the range safe
- Allow target personnel forward to patch backers
- After target crew has finished and returned or signaled that they are in protected area, assure targets are ready and announce series and give command:

“FOR THE FIRST (NEXT) COMPETITION SERIES-LOAD”

- After 1 minute, give command:

“ATTENTION”

- Switch on red light i.e. activate timer.
- At end of series, check for malfunctions then give command:

“UNLOAD”

- Make the range safe
- Wait 5 seconds after end of series before announcing the results.
- Wait 10 seconds after end of announcement of results before starting next series.
- After last series, same as above, but determine if there are ties. If so, see box on right. If none, Range Officers check pistols before they are cased and removed from line.
- After range is made safe, allow target crew to collect backers for classification office.

MALFUNCTIONS:

- * Complete the series for AM during finals and shoot-off
- * NO COMPLETION for NAM
- * Shooter has 3 minutes to repair or replace pistol or ammunition.
- * Shooter with malfunction completes before others scores are shown.
- * Sighting series, same as for Qualification. 8.14.9

TIES

- * Tie shoot-off must start immediately
- * 1 series of 5 shots until tie is broken
- * Other shooters withdraw after the scoring of their Finals results
- * If more than 1 tie, break lowest ranking position first
- * **COMMANDS:**
“FOR THE FIRST/NEXT SERIES-LOAD”, etc. (6.16.6.3)



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GUIDELINES FOR UNIFORM EQUIPMENT CONTROL (Pistol)

**Compulsory for all World Cups,
Continental and World Championships,
and Olympic Games**

Edition No. 3; February 2010

1. ORGANIZATION OF THE EQUIPMENT CONTROL SECTION:

- 1.1** The Pistol Equipment Control Section should consist of at least two and preferably four qualified judges.
- 1.2** The work of the section must be organised on the principle of a conveyor line.
- 1.3** The first member of the section enters all the necessary data on the shooter's Equipment Control Card, mark pistols and countersigns the Equipment Control Card.
- 1.4** The second member controls sponsor markings on the shooter's clothing, shoes and the pistols.
- 1.5** The work of the Equipment Control Section must be assisted and supervised by a Jury member as required by ISSF Rules 6.4.4

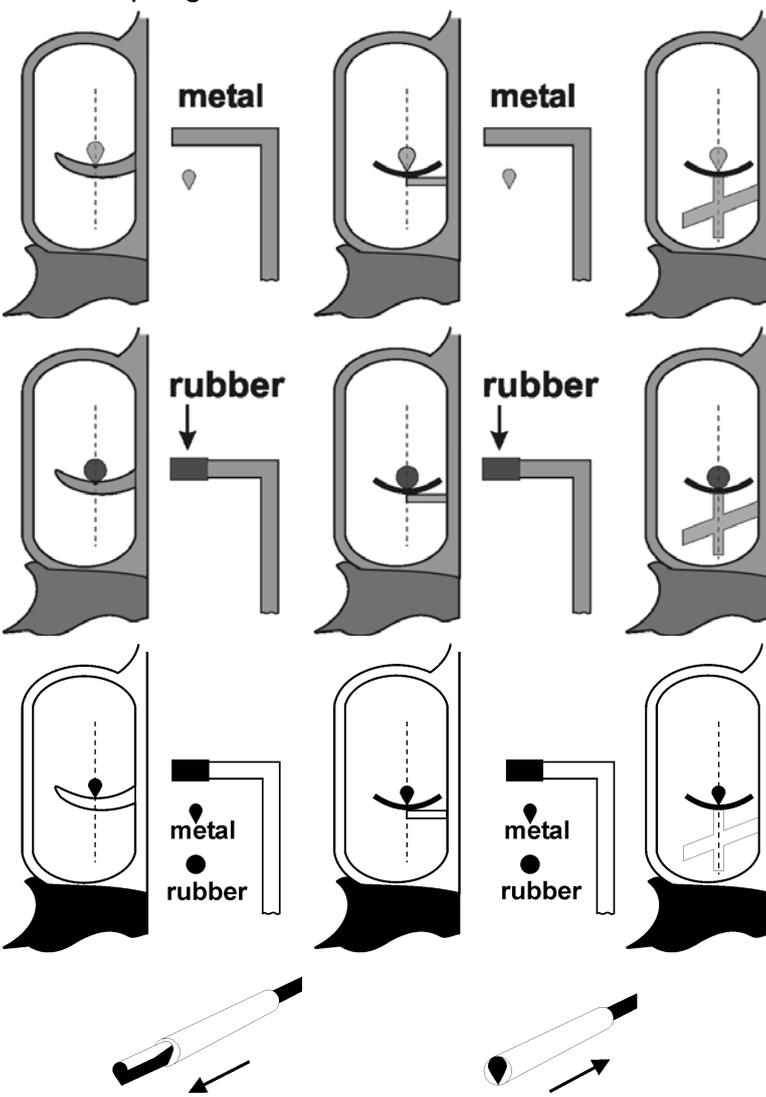
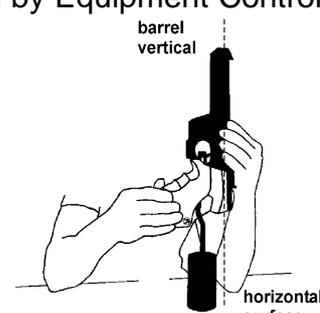
2. THE EQUIPMENT CONTROL SECTION FOR PISTOL MUST HAVE THE FOLLOWING EQUIPMENT:

- 2.1** Measurement box 420 x 200 x 50 mm for air pistols.
- 2.2** Measurement box 300 x 150 x 50 mm for centre fire and rimfire pistols.
NOTE: A manufacturing tolerance of the rectangular Measurement Box of 0,0 mm to + 1,0 mm in each dimension is permitted.
- 2.3** Weighing scale with a rated capacity of 1.500 grams, in 1 gram increments.
- 2.4** A weight for measuring trigger pull (500 gram and 1000 gram).
NOTE: A weight with a metal or rubber knife-edge or a round configuration with rubber must be used.
NOTE: A roller on the trigger weight is not permitted. A dead weight must be used with no springs or other devices. (8.4.1.6.1).
- 2.5** 90° angle template for measuring the heel rest configuration on the grip.
- 2.6** ISSF Technical Rules and Pistol Rules in English and in the host country language (if available).
- 2.7** Copies of any updates and rule interpretations from the ISSF News.
- 2.8** A list with the names and ISSF ID Numbers of all shooters by country.
- 2.9** Equipment Control Cards.
- 2.10** Felt tip marking pens.
- 2.11** Vernier slide gauge, steel rule of 300 mm graduated in mm.
- 2.12** Equipment Control Seals or Stickers (preferably serial numbered).

3. CONTROL PROCEDURES:

- 3.1** Shooters must be present in person with all the equipment they will use.

ITEM TO CHECK	CONTROL PROCEDURES	RULE NUMBER
	SHOES	
Shoe Type	Only low-sided shoes which do not cover the ankle bone are permitted.	8.4.5.2
	STANDARDS FOR ALL PISTOLS	
Grips	Neither the grip nor any part of the pistol may be extended or constructed in any way that would allow it to touch beyond the hand. The wrist must remain visibly free when the pistol is held in the normal firing position. Bracelets, wristwatches, wristbands, or similar items are prohibited on the hand., and arm, which holds the pistol. Adjustable grips are permitted providing when adjusted for the shooter's hand they conform to the rules for the event. After the Equipment Control check, the grip adjustment must not be changed in any way that conflicts with ISSF Rules.	8.4.1.1.1 8.4.1.1.2 8.9 8.10
Sights	Only open sights are allowed. Optical, mirror, telescope, laser-beam, electronically projected dot sights etc., are prohibited. Any aiming device programmed to activate the firing mechanism is prohibited. No protective covering is permitted on front or rear open sights.	8.4.1.3
Triggers	Electronic Triggers are allowed.	8.4.1.4

ITEM TO CHECK	CONTROL PROCEDURES	RULE NUMBER
<p>Trigger pull Test</p>	<p>A weight with a metal or rubber knife-edge or a round configuration with rubber must be used. A roller on the trigger weight is not permitted. A dead weight must be used with no springs or other devices.</p>  <p>The weight of the trigger pull must be measured, with the test weight suspended near the middle of the trigger (see illustrations) and the barrel held vertically. The weight must be placed on a horizontal surface and lifted clear of the surface. The tests must be conducted by Equipment Control officials. The minimum weight of the trigger pull must be maintained throughout the competition. A maximum of three (3) attempts to lift the weight is allowed. If it does not pass it may only be resubmitted after adjustment. When testing air or gas actuated pistols, the propellant charge should be activated.</p> 	<p>8.4.1.6</p> <p>8.4.1.6.1</p> <p>8.4.1.6.2</p>

ITEM TO CHECK	CONTROL PROCEDURES	RULE NUMBER
	AIR PISTOL	
Pistol Configuration	Any calibre 4.5 mm (.177 ") compressed air or gas pistol may be used.	8.4.4
Pistol Dimensions	Place the pistol in the box (420 x 200 x 50) and close the cover See table for tolerance	8.9
Trigger pull Test	Check the trigger pull with the 500 gram weight NOTE: When testing the trigger pull only with a compressed air or CO2 pistol, the propellant charge should be activated.	8.9 8.4.1.6.2
Pistol weight	Weigh the pistol on the scale. The weight must not exceed 1500 grams	8.9
Grips additional restrictions	No part of the grip, frame or accessories may touch any part of the wrist. The heel rest must extend at an angle of not less than 90 degrees to the grip. This applies to the heel rest in front and behind the grip as well as on the sides. Any upward curvature of the heel and/or thumb rest and/or a downward curvature of the side opposite the thumb is prohibited. The thumb rest must allow free upward movement of the thumb. The grip must not encircle the hand. Curved surfaces on the grips or frame, including the heel and/or thumb rest, in the longitudinal direction of the pistol are permitted.	8.9 and drawings 8.10
	SPECIFIC STANDARDS FOR ALL 25m PISTOLS	
Pistol Configuration	The centre line of the bore must pass above the web (between thumb and forefinger) of the hand holding the pistol in the normal firing position.	8.4.2.1
Pistol dimensions	Place the pistol in the box (300 x 150 x 50) and close the cover. See table for tolerance.	8.9
Pistol weight	Weigh the pistol on the scale. The weight must not exceed 1400 grams. The weight of the pistol must be checked with all accessories, including balancing weights, case catchers, and an unloaded magazine.	8.9
Barrel length	Measure the length of the barrel. Maximum length is 153 mm. Compensators, muzzle brakes, perforated barrels or any device(s) functioning in a similar manner are not allowed.	8.9 8.9
Sight radius	Measure the sight radius. Maximum length is 220 mm.	8.9

ITEM TO CHECK	CONTROL PROCEDURES	RULE NUMBER
Grips additional restrictions	No part of the grip, frame or accessories may touch any part of the wrist. The heel rest must extend at an angle of not less than 90 degrees to the grip. This applies to the heel rest in front and behind the grip as well as on the sides. Any upward curvature of the heel and/or thumb rest and/or a downward curvature of the side opposite the thumb is prohibited. The thumb rest must allow free upward movement of the thumb. The grip must not encircle the hand. Curved surfaces on the grips or frame, including the heel and/or thumb rest, in the longitudinal direction of the pistol are permitted. In addition, the rear part of the frame or grip which rests on top of the hand between the thumb and the forefinger, must not be longer than 30 mm. This distance is measured at a right angle to the extended centre line of the bore.	8.9 and drawings 8.10
Case catchers	Are allowed providing the pistol complies with all the Rules (dimensions and weight) when fitted. This must be marked on the Equipment Control Card.	8.4.1.5
25 m RIM FIRE PISTOL		
Pistol Configuration	Any calibre 5.6 mm (.22") rim fire pistol, chambered for Long Rifle cartridges except single shot, may be used, that conforms to the specification in 8.9 and 8.10	8.4.2.3 8.9 8.10
Trigger pull Test	Check the trigger pull with the 1000 gram weight	8.9
25 m CENTRE - FIRE PISTOL		
Pistol Configuration	Any centre – fire pistol except single shot, of calibre 7.62 mm to 9.65 mm (.30" – 38") may be used, that conforms to the specification in 8.9 and 8.10	8.4.2.4 8.9 8.10
Trigger pull Test	Check the trigger pull with the 1000 gram weight	8.9
50 m PISTOL		
Pistol Configuration	Any calibre 5.6 mm (.22") rim fire pistol, chambered for Long Rifle cartridges, may be used. Hand covers for 50 m pistol are permitted, providing they do not cover the wrist	8.4.3 8.4.3.1
Pistol dimensions	No restriction	8.9
Trigger pull	No restriction	8.9
Pistol weight	No restriction	8.9
Grips	Special grips are permitted	8.9
Barrel length	No restriction	8.9
Sight radius	No restriction	8.9

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