

## **Rule WFTF WORLDS 2011 - ITALY**

### **COMPETITION**

- 1 - Competition Course**
- 2- Targets**
- 3 - Manager of Competition – Marshal**
- 4 - Awards**

### **BEHAVIOUR**

- 5 - Behavior and safety regulations**
- 6 - Drugs and alcoholic drinks**

### **EQUIPMENT**

- 7 - Guns**
- 8 - Sight devices**
- 9 - Ammunition**
- 10 - Pillow**
- 11 - Verification of weapon and equipment**

### **SHOOTING RULES**

- 12 - Targets sequence**
- 13 - Shooting times**
- 14 - Shooting condition**
- 15 - Pulled down targets**
- 16 - Route default**
- 17 - Penalty**

### **SCORE**

- 18 - Score**
- 19 - Draw**

### **ADMINISTRATION**

- 20 – Rules publication**
- 21 – Rules application**
- 22 – Team Registration**
- 23 – shooters with special needs**

**Interpretation and correct application of particular rules**

## **1 – Competition Course**

Competition consists of 150 targets divided into 3 routes 50 target each, over 3 days.

The routes are identified by a color (red, white and green)

Every route consists of 25 lanes

Every lane contains 2 targets

Every Lane is identified by a number and the color of the route in a plate; in the plate there is also the shooting position (standing, kneeling or sitting)

Target type are fall-when-hit (face plate with hole and paddle behind), and have an attached reset cord for resetting the target from the firing line (paragraph 2).

Targets are placed square to the firing line +/- 5 degrees

Every target is easily visible by every competing participant to the event

No lane firing results in a dangerous stance having to be adopted by the shooter i.e. excessively steep, slippery, etc.

The route is considered completed and valid to a competitor with the execution on shooting all the targets, exceptions are described in paragraph 16.

Setting line is 54 meters long and minimum 60 meters wide with no inclination

## 2- Targets

Target type are fall-when-hit (face plate with hole and paddle behind), and have an attached reset cord for resetting the target from the firing line.

Targets, face plate & paddle are 100% visible from all shooting positions: standing, kneeling, sitting and prone.

Any obstruction should be related to the chief marshal and removed prior to the first competitor shooting that lane, otherwise the obstruction must remain for the duration of the competition.

Targets are placed square to the firing line +/- 5 degrees.

The kill zone, where the shot causes the pulling down of target hitting the reactive zone behind, has circular form.

Colors are chosen to avoid problems to color-blind competitors.

The kill zone has a maximum diameter of 40 mm.

The route of competition can provide targets with kill zone with reduced diameter

Regulations for targets with reduced diameter:

the kill zone cannot have a diameter smaller than 15 mm.

the maximum distances are:

diameter 15 mm: 25 meter

diameter 20 mm: 35 meter

diameter 30 mm: 40 meter

All the targets set over 35 meters must be shot in free/sitting position.

Minimum kill zone diameter for standing or kneeling shooting positions is 25 mm

The number of targets with obligated shooting position (standing or kneeling) cannot overcome the 20% of the total targets, possibly in equal way of 10% standing 10% kneeling.

The minimum shooting distance is 7 meters and the maximum is 50 meters

Every target is easily visible by every competing participant to the event

### **3 - Manager of Competition - Marshal**

The Manager of Competition and his Assistants (Line Judges or Marshals) are appointed before the competition.

They have the responsibility on the safety of the event and the interpretation of the rule, and they can be consulted for any explanation. Their judgment, relatively to aspects or rules not provided by the present rule, is definitive and final.

### **4 – Awards**

#### **Precharged Class :**

World Champion and 2nd to 10th, 1st Lady, 1st Veteran, 1st Junior and 1st to 3rd Teams.

#### **Spring Class :**

World Champion and 2nd to 10th, 1st Lady, 1st Veteran, 1st Junior and 1st to 3rd Teams.

In both classes national (NGB) teams of min. 4/max. 8 competitors can be formed if there is a minimum of 4 teams in the corresponding class.

Team format will be a maximum of 8 nominated shooters with either 4, 5 or 6 to count, depending on the NGB with the lowest number of team competitors in this class.

Team Member Nationality: refer to WFTF CONSTITUTION

### **5 - Behavior and safety regulations**

When not in use rifles should always be empty of ammunition, be pointing in the direction of competition fire at the firing line if resting on the ground, be in a carrying stand pointed in the direction of competition or pointing downwards if held.

One whistle denotes stop shooting and immediately discharge loaded ammunition into the ground in the near vicinity providing it is safe to do so, two whistles denotes shooting may commence. At one whistle signal shooting time has to be stopped; at two whistle signal shooting time has to be re-started.

Between these two signals is not allowed sighting the targets.

Setting operations must be carried out only and exclusively in the dedicated area, it is not allowed to work on the weapon out of setting line area.

Always be aware of your partners and your adjacent competitors actions.

Lending the weapon among competitors in competition is not allowed.

Every competitor is charged with leaving each lane firing area in a safe and tidy condition for the following competitors.

Every competitor is charged with using a polite language and not scurrilous, abstaining from vulgar attitudes that can embarrass or disturb the public or the competitors

## **6 - Drugs and alcoholic drinks**

The consumption of drugs and alcoholic substances is absolutely forbidden on the whole route of competition and setting, respecting the Italian rules in force.

Any competitor under the influence or in possession of alcohol and/or illegal drugs will be refused admission from all ranges

## **7- Guns**

Air weapons calibre 4.5 can be used.

The following categories are provided:

- PCP-PCA
- spring piston

No rifle exceed 12ft/lb (16,3J) muzzle energy. A rifle found to be producing in excess of 12ft/lb (16,3J) will result in disqualification for the competitor (see paragraph 11).

All rifles shall be in good working order and safe in handling.

Adjustable rifle stocks and changes are allowed, but these cannot be removed or added during the competition except for disabled competitors (see paragraph 14 and paragraph 23)

## **8 - Sight devices**

Any kind of sight devices can be used, except laser devices and any telemetric device. It is opportune to specify that the only allowed device for distance estimating is the parallax calibrator of riflescope.

## **9- Ammunition**

Every kind of ammunition, consisting exclusively of lead or lead alloy, can be used, respecting rules in force.

## **10 - Pillow**

The maximum height of the pillow is 10 centimeter, including the backs.

The thickness must be measured setting the pillow among two tablets (see paragraph 11). It can be used for separating the shooter from the ground, no other use is allowed. Variations can be granted for disabled competitors, (see paragraph 23)

## 11 - Verification of weapon and equipment

### GUN

The organization verify chronographically every weapon during the competition, a time each day

A verification station is placed in a specific zone on the competition course, between two lanes; verification has to be done by a marshal, present in the station.

Verification has to be done as follow:

every shooters approaching the verification station presents to the marshal a pellet of the same type used in the competition and the gun ready to accept the pellet  
the marshal weighs the pellet and introduce it into the gun  
the shooters shots through the chronograph

If the first shot confirm the regularity the marshal put on the gun an adhesive label

If not the shooters has to repeat two shoots with the same above procedure, both of them has to be regular otherwise verification will result in disqualification for the competitor.

A tolerance of 2.5% on speed is allowed, due to measurement errors.

Energy is computed by the formula:

$$E_c = \frac{1}{2} m \times v^2$$

where:

$E_c$  = Kinetic energy

$m$  = mass

$v$  = velocity

Original units are in the SI (Système International d'Unités)

follows the pellet weight – max speed table

mass gram	mass grain	TRUE		MAX ALLOWED (true + 2,5%)	
		speed (16,3J) m/sec	speed (12 ft/lb) ft/s	speed (16,3J) m/sec	speed (12 ft/lb) ft/s
0,46	7,10	266,2	873,4	272,9	895,2
0,47	7,25	263,4	864,1	270,0	885,7
0,48	7,41	260,6	855,0	267,1	876,4
0,49	7,56	257,9	846,2	264,4	867,4
0,5	7,72	255,3	837,7	261,7	858,7
0,51	7,87	252,8	829,5	259,1	850,2
0,52	8,02	250,4	821,5	256,6	842,0
0,53	8,18	248,0	813,7	254,2	834,0
0,54	8,33	245,7	806,1	251,8	826,3
0,55	8,49	243,5	798,8	249,5	818,7
0,56	8,64	241,3	791,6	247,3	811,4
0,57	8,80	239,2	784,6	245,1	804,2
0,58	8,95	237,1	777,8	243,0	797,3
0,59	9,11	235,1	771,2	240,9	790,5
0,6	9,26	233,1	764,7	238,9	783,9
0,61	9,41	231,2	758,5	237,0	777,4
0,62	9,57	229,3	752,3	235,0	771,1
0,63	9,72	227,5	746,3	233,2	765,0
0,64	9,88	225,7	740,5	231,3	759,0
0,65	10,03	224,0	734,7	229,5	753,1
0,66	10,19	222,2	729,2	227,8	747,4
0,67	10,34	220,6	723,7	226,1	741,8
0,68	10,49	219,0	718,4	224,4	736,3
0,69	10,65	217,4	713,1	222,8	731,0
0,7	10,80	215,8	708,0	221,2	725,7

## PILLOW

The thickness of the pillow will be measured in the verification station, setting the pillow among two rigid tablets and measuring the height



## 12 - Targets sequence

Targets are addressed in numerical sequence i.e. 23,24,25,26, etc.

All the targets have to be shot following the sequence. The targets shot in a different order are considered missed.

In case of doubt apply the following order:

- from left to right
- from up to down
- from closer to farther

## 13 - Shooting times

Competitors shall be timed 2 targets=3mins, 3 targets=4 minutes, etc.

Time starts when shooter sits down or when address the target for standing or kneeling shots.

Range finding, loading of rifle, checking of the wind are all to be done when time is running.

Shooters has to front the lane as soon as they arrive at the lane

The chronometer can be activated from shooter engaging the lane or from other shooters of the group

Shooters of the group that are not shooting have to check the correctness of the procedure.

The penalty for not respecting the timing rules is null score in the lane for all shooters of the group.

## 14 - Shooting condition

Only one shoot per target is allowed. The shots of a route of competition cannot exceed the number of targets, except for the situations described in this paragraph

Shots not aimed to the targets are allowed:

- only toward the ground
- only with the authorization of the Marshal or the competing participants
- only for operations of weapon discharge

The shooters cannot overcome the shooting line with the blade of the trigger, as well as the muzzle of the weapon cannot be back from such line.

The shooting line is intended to be the ideal conjunction line between the two poles of the shooting lane

Sitting positions is allowed, except in the lanes dedicated to obligated position (standing or kneeling), which must be respected.

In sitting position only three parts of the body can touch the ground; bottom is considered as one (example: bottom and two feet is allowed; back and two feet is forbidden)

No part of the body can touch anything (trees, stones, poles...)

The use of a pillow in sitting or free position is allowed (see paragraph 10)

Knee position: only three points of contact are allowed with the ground (feet and knee). The back foot has to be in line with the knee and the sole has to be turned upward. The use of pillows is allowed (see paragraph 10) as support of the neck, the foot or the knee. The weapon must be sustained by the weak hand that cannot be helpful to the strong one.

Standing position: the shooter in this position doesn't use any support than his own body.

The shooters can measure distance in sitting, standing or kneeling position but to shoot they have to respect shooting position as indicated in the lane table.

Target hit in wrong shooting position are null.

The competitors that cannot adopt forced positions, because of particular physical situations, they must inform the Competition manager, producing medical certification.

The Competition Manager decides that this doesn't determine an unfair advantage or disadvantage and he informs the route judges about his decision. (see paragraph 23)

Adjustable rifle stocks and their adjustment are allowed, but these cannot be removed or added during the competition except for the suitable and previous cases (read particular physical situations)

The use of a simple strap is allowed for the transport of the weapon (except for particular physical situations, see the above)

No straps other than single rifle slings are permitted.

All forms of clothing are permissible.

The use of shooting gloves is not allowed, while the use of the soft glove is allowed.

## **15 - Pulled down targets**

The pulled Down targets have to be lifted again only at the end of the shooting turn of the competitor. Only in one case competitors can reactivate the targets before such term: when the second target of a lane has been pulled down first by mistake and has to be shot again.

The competition manager has to check the malfunctioning targets. In case of dispute, the competition manager's decision is final. The defective targets must be replaced or repaired.

At the beginning of the competition, the first shooter facing the lane can contest the working of the targets he has shot, on condition that the shot is clearly identified in the reactive zone without the shape pull down.

Only the competition manager or the Marshal can access the shooting area for the control of the contested targets. It is understood that accidental losses occurred in previous hours of the demonstration, or during the same one, they must be quickly pointed out and repaired.

## **16 - Route default**

A competitor can default the route of competition only with Competition Manager's or Marshal's authorization

In case of voluntary definitive default only the targets scored at the lane of the default are counted as valid score.

A temporary default to made reparations to the weapon is allowed only if technical problems happens during the competition and invalidate the operation or the safety of the gun. Maintenance interventions are not contemplated to the optics (zero resetting or setting).

The competitor cannot leave the shooting line with the loaded weapon.

It is absolutely forbidden to the competitor, authorized by the competition Manager or by a Marshal to the substitution of the damaged parts, to access the setting zone following the reparation operations.

The score card is held by the Competition Manager or by the Marshal

Marshal report on the score card:

exit time and last lane number before exit

re-entry time and lane (the same of the shooting group at the re-entry time)

Marshal bars lanes between last lane shot and re-entry lane on the score card

## **17 - Penalty**

The penalty for not respecting the safety regulations, or bad behavior to competition rules, is the disqualification from the competition.

## **18 - Score**

One point for every pulled down shape, zero for not pulled down targets, the score card must be filled in any part.

At the end of the track the score card has to be signed by all shooters of the group and give back to the organization as soon as possible

## **19 - Draw**

In the eventuality of draw among the competitors, the match will proceed to play-off using the present targets on the route of competition.

## **20 – Rules publication**

Copy of the present rule must suitably be publishes and visible in the area of registration, providing copies to the applicants.

## **21 - Rules application**

In common interest of all participants the present rules must be applied and adopted by all the figures taking part to the event

Contravention of the rules here provided determines the disqualification from the demonstration.

## **22 – Team Registration**

Names of each NGB team member are to be delivered to the organizing committee by a minimum of 24 hours prior to shooting. All teams and names are to be posted for view by all competitors prior to championship commencement.

Registration Fee is 50€ per team

## **23 – Shooters with special needs**

Any concession requests regarding handicap should be delivered to the organizing committee by a minimum 24 hours prior to championship commencement.

## Interpretation and correct application of particular rules

### Shooting position - On knee

Just to clarify what it has emerged during the championship 2008, basing ourselves on the opinion of the sporting person responsible of the BFTA and reading the rule of BFTA competition, they agreed worthwhile upon applying the on knee shooting position as reported in the ISSF rules: b) On knee position: only three points of contact are allowed with the ground (feet and knee). The back foot has to be in line with the knee and the sole has to be turned upward. The use of pillows is allowed as provided by the art. 12 as support of the neck, the foot or the knee. The weapon must be sustained by the weak hand (usually the left one) along the little bar of the weapon, the hand (weak) and particularly the back of the hand doesn't have to lean on the knee or on any other part of the leg.

examples





the space between the back of the hand and the knee can be varying, no contact is allowed.

### **Adjustable rifle stock**

The use of adjustable rifle stocks is allowed, it is not allowed to add or remove elements from the rifle stock during the competition, and it is allowed to regulate the rifle stock during the competition.

### **Shooting sling**

The use of the sling is allowed ONLY for carrying the weapon, not any kind of belt can be used as a help on shooting.

**Defective shapes**

Defective or damaged shapes must be replaced or repaired.

**Void shots / in vain**

It is considered as a shot every time that there is an air emission.

To have forgotten to insert a pellet doesn't give the right to repeat the shot.

The discarding shots on the ground in case of potentially defective pellet are allowed if previously declared.

It is not allowed to repeat a shot to the first target of a lane, except in the case in which it has engaged by mistake.