



**INTERNATIONAL COMPETITION  
RULES FOR FIRE SPORTS**

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# INTERNATIONAL RULES OF COMPETITIONS

The international rules of competitions in fire sports apply to all fire and rescue services, sports federations and societies, and other organizations representing the member states of the **International Association of Fire and Rescue Services (CTIF)**.

## 1. CONDUCT OF COMPETITIONS

### 1.1. General Provisions

The international rules of competitions in fire sports are binding for all member states of CTIF – The International Association of Fire & Rescue Services, when holding international competitions.

The results achieved by athletes are deemed valid only if they are recorded at official competitions approved under the plan of the main sporting events of CTIF – The International Association of Fire & Rescue Services (hereinafter „CTIF“). National rules of fire sport competitions of the member states of CTIF shall strictly comply with the International Rules of Competitions in Fire Sport of CTIF.

#### 1.1.1. Terminology

Team representative  
Sports coach  
Athlete  
Sports judge  
Sports base  
Sports tools  
Firefighting equipment  
Sports disciplines  
Hose coupling  
Sports fire hose  
Pressure fire hose  
Suction (intake) fire hose  
Suction net  
Sports fire hose nozzle  
Sports belt  
Sports hose  
Sports helmet  
Assault ladder  
Ladder for the 4x100-Meter Fire Relay Race with Obstacles  
Sports cabin  
Sports fence  
Sports beam  
Sports branching  
Sports target  
Pan  
Water tank  
Shield for laying the firefighting equipment

## **1.2. Fire Sports Disciplines**

### **1.2.1. Competition Program for Men:**

- Climbing on an Assault Ladder to the 4<sup>th</sup> Floor of the Training Tower;
- 100-Meter Obstacle Course;
- Double Event (Climbing on an Assault Ladder to the 4<sup>th</sup> Floor of the Training Tower and 100-Meter Obstacle Course) – held at individual championships only; team results are not taken into account;
- 4x100-Meter Fire Relay Race with Obstacles;
- Combat Deployment from a Motor Pump.

### **1.2.2. Competition Program for Women:**

- Climbing on an Assault Ladder to the 2<sup>nd</sup> Floor of the Training Tower;
- 100-Meter Obstacle Course;
- Double Event (Climbing on an Assault Ladder to the 2<sup>nd</sup> Floor of the Training Tower and 100-Meter Obstacle Course) – held at individual championships only; team results are not taken into account;
- 4x100-Meter Fire Relay Race with Obstacles;
- Combat Deployment from a Motor Pump.

### **1.2.3. Competition Program for Young Men and Male Juniors:**

- Climbing on an Assault Ladder to the 2<sup>nd</sup> Floor of the Training Tower – younger age group (14 years and under)
- Climbing on an Assault Ladder to the 2<sup>nd</sup> Floor of the Training Tower – middle age group (15–16 years)
- Climbing on an Assault Ladder to the 3<sup>rd</sup> Floor of the Training Tower – juniors (17–18 years)
- 100-Meter Obstacle Course – younger age group (14 years and under)
- 100-Meter Obstacle Course – middle age group (15–16 years)
- 100-Meter Obstacle Course – juniors (17–18 years)
- 4x100-Meter Fire Relay Race with Obstacles – young men and male juniors
- Combat Deployment from a Motor Pump – young men and male juniors

### **1.2.4. Competition Program for Young Women and Male Juniors:**

- Climbing on an Assault Ladder to the 2<sup>nd</sup> Floor of the Training Tower – younger age group (14 years and under)
- Climbing on an Assault Ladder to the 2<sup>nd</sup> Floor of the Training Tower – middle age group (15–16 years)
- Climbing on an Assault Ladder to the 2<sup>nd</sup> Floor of the Training Tower – juniors (17–18 years)
- 100-Meter Obstacle Course – younger age group (14 years and under)
- 100-Meter Obstacle Course – middle age group (15–16 years)
- 100-Meter Obstacle Course – juniors (17–18 years)
- 4x100-Meter Fire Relay Race with Obstacles – young women and male juniors
- Combat Deployment from a Motor Pump – young women and male juniors

## **1.3. Competition Provisions**

**1.3.1.** The competitions are held according to the Competition Provisions (hereinafter "Provisions") approved by the organization conducting the competitions.

**1.3.2. The Competition Provisions shall include the following sections:**

- a) Goals, objectives and nature of the competition;
- b) Competition organization;
- c) Competition time and venue;
- d) Participating organizations and athletes;
- e) Competition programme;
- f) Team composition and standings on sports disciplines;
- g) Procedure and conditions for determining the individual and team championship;
- h) Awards and Prizes;
- i) Conditions of admission of sports delegations and participants;
- j) Procedure and terms for submission of applications.

**1.3.3.** The Provisions shall be forwarded to the organizations invited to participate in international competitions at least 6 months before the start of competitions.

**1.3.4.** Amendments and additions to the Provisions shall be made only by the organization which approved the Provisions, but not later than one month before the start of the competition, with all participating organizations duly notified. The Provisions shall not contradict the International Rules of Competitions in Fire Sport of CTIF – The International Association of Fire & Rescue Services (hereinafter "Rules"). The clauses of the Provisions must be precise and exclude different interpretations.

**1.4. Results Evaluation**

**1.4.1.** To determine the places taken by the teams, the sports results of the teams (athletes) participating in team and individual-team competitions are evaluated according to the Provisions of each particular international competition of CTIF – The International Association of Fire & Rescue Services.

**1.4.2.** In individual-team competitions, the best results of the number of athletes shown in any competition discipline shall be taken into account for the team championship.

**1.4.3.** Semi-final and final races shall be held to determine the winners in the Climbing on an Assault Ladder to the Training Tower and the 100-Meter Obstacle Course. The number of athletes in the semi-final and final races is determined by the number of running tracks.

**1.4.4.** Semi-final races are formed according to the place taken by athletes in preliminary races, according to the following arrangement:

- 1st semi-final race – 5, 1, 4, 8 place, which corresponds to 1, 2, 3, 4 tracks;
- 2nd semi-final race – 6, 2, 3, 7 place, which corresponds to 1, 2, 3, 4 tracks.

Place rankings in the preliminary races of the discipline are determined by the best result of the scoring attempts. In case of equality of the best results of two or more athletes, advantage shall be given to the athlete who showed the best result earlier. If these results were shown in one race – the best place is awarded to the athlete who had the best total time of two attempts. In case of equality of all indicators in the preliminary races of athletes qualifying for the semi-finals (race/track placement in the semi-finals), an additional race or drawing of lots shall be held.

**1.4.5.** The final race in the Climbing on an Assault Ladder to the Training Tower and the 100-Meter Obstacle Course is formed by the four best results shown in the semi-final races according to the scheme 3, 1, 2, 4 with results corresponding to 1, 2, 3, 4 tracks. In case of equal results shown by athletes in the semi-final races, the athlete who started earlier shall have the advantage. If these results were shown in the same race, advantage shall be given to the athlete who had a higher ranking in the preliminary races.

Winners in the Climbing on an Assault Ladder to the Training Tower and the 100-Meter Obstacle Course are determined according to the final race results (regardless of the results shown in the previous races of the competition). Athletes who showed the same results in the final race shall be awarded the same highest place (1,1,3; 1,2,2; 1,2,3,3); the subsequent place shall not be awarded.

In case of failure to fulfil the sports discipline in the final race, the athlete is not awarded a place.

**1.4.6.** The results of the semi-final and final races are not included in the team standings.

**1.4.7.** The place in a sports discipline is determined by the lowest total time gained by the scoring participants.

The team championship in the Climbing on an Assault Ladder to the Training Tower and the 100-Meter Obstacle Course is determined by the lowest total time gained by the scoring participants. If the total time is equal, the teams are awarded one place (the subsequent place is not awarded).

The team championship in the Climbing on an Assault Ladder to the Training Tower and the 100-Meter Obstacle Course for young men and male juniors, for young women and female juniors is determined by the least total of places taken by the scoring participants in every age group. If the least totals are equal, the team championship is determined by the lowest total time gained by scoring participants in the sports discipline in all three age groups.

In case of incomplete scoring in a sports discipline, the team is ranked after the teams with full scoring. If two or more teams have the same number of incomplete scores, these teams rank after the teams with fewer incomplete scores.

**1.4.8.** In case of equal results in Combat Deployment from a Motor Pump (for all age groups of athletes) and the 4x100-Meter Fire Relay Race with Obstacles (for young men/male juniors and young women/female juniors), the highest place is awarded to the team that has the best total time in two attempts. In case of equal results – according to the best result of the first attempt, and further – to the team that started earlier.

**1.4.9.** In case of equal results in the men's and women's 4x100-Meter Fire Relay Race with Obstacles, the highest place is awarded to the team that showed the best result earlier. If it was shown in the same race, the highest place is awarded to the team that has the best total time gained by two squads.

**1.4.10.** In case of equal results in the double event of two or more athletes, the athlete who showed the best total time in all attempts of preliminary races in the Climbing on an Assault Ladder to the Training Tower and the 100-Meter Obstacle Course shall have the advantage. In case of equality of these results, the athletes are awarded one place; the subsequent place is not awarded.

**1.4.11.** In the complex ranking, each team receives penalty points equal to its place in the ranking in each of the disciplines. The complex ranking is determined in ascending order based on the smallest sum of penalty points received by the teams across all four disciplines.

If two teams have the same number of points, the team that showed a better result in the discipline „Combat Deployment from a Motor Pump" is ranked first.

If the teams have the same ranking in this discipline as well, the ranking in the discipline „4x100-Meter Fire Relay Race with Obstacles" is taken into account for the complex ranking.

## **1.5. Competition Cancellation**

The Chief Judge of the competition is entitled to cancel the competition, postpone its start, terminate or declare a temporary break if:

- a) Competition venues (stadium, sports base) are not prepared for the competition;
- b) Equipment, apparatus or facilities are missing or made in violation of the Rules (or out of order);
- c) Unfavorable meteorological conditions or other reasons interfering with the normal competition course prevent the conduct of the competition;
- d) Medical personnel is absent.

## **1.6. Appeals and Protests**

**1.6.1.** If athletes, team representatives and other participants of the competition (members of the Sports and Technical Committee and the Main Judging Panel) have any questions or doubts about the proper course of the competition, as well as in cases of insufficiently justified decisions of individual judges, team representatives may address the Chief Judge of the competition, his Deputies or the Discipline Chief Judge with appeals or protests.

**1.6.2.** Appeals and protests shall be submitted to the Main Judging Panel by team representatives no later than 15 minutes after the event in connection with which the appeal or protest is made. The decision on the appeal or protest shall be made before the start of the next discipline. If the decision is not made before the start of the next discipline, the athlete (team) shall continue to participate in the competition conditionally. Appeals or protests may only be submitted to the Main Judging Panel to address disputed issues of their team, as well as in case of unreasonable decisions of individual judges.

**1.6.3.** The decision of the Chief Judge on the merits of an appeal or protest shall be final and not subject to review.

# **2. COMPETITION PARTICIPANTS**

## **2.1. Athletes Age Groups**

**2.1.1.** The age groups of athletes participating in the competitions shall be divided into the following categories:

- a) male and female younger age group—14 years and under;
- b) male and female middle age group —15-16 years;

- c) male juniors and female juniors —17-18 years;
- d) adult group (men and women) —18 years and older.

**Note:** *The age of athletes is determined by the year of birth. Within one competition athletes have the right to compete for only one age group.*

**2.1.2.** Young men and young women are allowed to compete in competitions a rank higher than their age group with a medical certificate (with written consent of the doctor). Only female juniors and young women from the age of 15 years are allowed to compete in junior and adult groups upon a medical certificate with written consent of the doctor and parents.

## **2.2. Team Composition and Standings on Sports Disciplines**

The Rules determine the composition of the team and the standings for the disciplines of the program for the World Championship (Cup), European Championship (Cup), Asian Championship (Cup).

**Note:** *For other international competitions, the composition and standings are determined by individual Provisions.*

### **2.2.1. Team Standings – Men**

<b>Sports discipline</b>	<b>Teams</b>	<b>Number of attempts</b>	<b>Number of ranking results</b>
Climbing on an Assault Ladder to the 4 <sup>th</sup> floor of the Training Tower	8 competitors	2	6 results
100-Meter Obstacle Course	8 competitors	2	6 results
4x100-Meter Fire Relay Race with Obstacles	2 teams (4 competitors each)	1	1 result
Combat Deployment from a Motor Pump	1 team (7 competitors)	2	1 result

### **2.2.2. Team Standings – Women**

<b>Sports discipline</b>	<b>Teams</b>	<b>Number of attempts</b>	<b>Number of ranking results</b>
Climbing on an Assault Ladder to the 2 <sup>nd</sup> floor of the Training Tower	8 competitors	2	6 results
100-Meter Obstacle Course	8 competitors	2	6 results
4x100-Meter Fire Relay Race with Obstacles	2 teams (4 competitors each)	1	1 result
Combat Deployment from a Motor Pump	1 team (7 competitors)	2	1 result

### 2.2.3. Team Standings – Young Men and Male Juniors

Sports discipline	Teams	Number of attempts	Number of ranking results
Climbing on an Assault Ladder to the 2 <sup>nd</sup> floor of the Training Tower (14 years and under)	3 competitors	2	2 results
Climbing on an Assault Ladder to the 2 <sup>nd</sup> floor of the Training Tower (15-16 years)	3 competitors	2	2 results
Climbing on an Assault Ladder to the 3 <sup>rd</sup> floor of the Training Tower (17-18 years)	3 competitors	2	2 results
100-Meter Obstacle Course (14 years and under)	3 competitors	2	2 results
100-Meter Obstacle Course (15-16 years)	3 competitors	2	2 results
100-Meter Obstacle Course (17-18 years)	3 competitors	2	2 results
4x100-Meter Fire Relay Race with Obstacles	1 team (4 competitors)	2	1 result
Combat Deployment from a Motor Pump	1 team (6 competitors)	2	1 result

### 2.2.4. Team Standings – Young Women and Male Juniors

Sports discipline	Teams	Number of attempts	Number of ranking results
Climbing on an Assault Ladder to the 2 <sup>nd</sup> floor of the Training Tower (14 years and under)	3 competitors	2	2 results
Climbing on an Assault Ladder to the 2 <sup>nd</sup> floor of the Training Tower (15-16 years)	3 competitors	2	2 results
Climbing on an Assault Ladder to the 2 <sup>nd</sup> floor of the Training Tower (17-18 years)	3 competitors	2	2 results
100-Meter Obstacle Course (14 years and under)	3 competitors	2	2 results
100-Meter Obstacle Course (15-16 years)	3 competitors	2	2 results
100-Meter Obstacle Course (17-18 years)	3 competitors	2	2 results
4x100-Meter Fire Relay Race with Obstacles	1 team (4 competitors)	2	1 result
Combat Deployment from a Motor Pump	1 team (6 competitors)	2	1 result

## 2.3. Athletes Admission to Competitions

2.3.1. Athletes are eligible to compete according to their applications.

**2.3.2.** Applications shall be filled in exact accordance with the requirements of the Rules and Provisions of the competitions and submitted to the commission for admission to the competitions (Mandate Commission) within the terms specified in the Provisions.

Applications for participation in the competitions of each category and age group of athletes shall be filled in separately.

The organization entering the athlete in the competition guarantees by the application to insure the athlete against accidents in training or competition and at the same time bears this responsibility.

If necessary to rearrange the declared athletes in the disciplines, a re-entry form shall be submitted.

The decision to re-enter athletes shall be taken only in exceptional cases (exemption of the athlete by the doctor of the competition or for reasons recognized by the Judging Panel as justified).

**2.3.3.** Additional applications for admission of new athletes shall be made in the form provided for the named entry.

**2.3.4.** Additional applications and re-entries shall be submitted no later than 1 hour before the start of the competition in the respective discipline. When holding competitions in the 4x100-Meter Fire Relay Race with Obstacles (young men and male juniors, young women and female juniors), as well as the Combat Deployment from a Motor Pump (for all categories), re-entries are accepted during the competition in these disciplines in accordance with clause 2.3.2.

## **2.4. Obligations and Rights of Athletes**

**2.4.1.** The athlete is obliged to be aware of these Rules, Provisions and Regulations.

**2.4.2.** The athlete is obliged to perform in competitions independently. No one has the right to give the athlete any assistance while he is performing a sports discipline. In case of violation of the Rules, the result is not credited to the athlete (team). Medical assistance provided at the competition venues by official medical personnel, as well as verbal or visual information from individuals outside the place of performance of the sports discipline, shall not be considered as prohibited assistance.

**2.4.3.** The athlete shall be given a warning for misconduct or unsportsmanlike behavior. For a repeated violation of the Rules (repeated warning), the athlete is disqualified and suspended from participation in the remaining sports disciplines.

The athlete is disqualified without warning for gross violations of the Rules. An athlete who has shown clear technical unpreparedness for the performance may be suspended from participation in this sports discipline. An athlete may also be suspended by an official doctor due to illness.

**2.4.4.** Athletes are prohibited from using doping substances that artificially improve physical and mental condition before and during competition (the list is published annually by the World Anti-Doping Agency – WADA).

The procedure for athlete eligibility for doping control shall be established by the Disciplinary Anti-Doping Committee of the competition.

**2.4.5.** Failure of a declared athlete to start in the 1st or 2nd attempt is considered as a cancellation of participation in the competition and entails a disciplinary penalty.

**2.4.6.** The athlete may address the judge on issues related to the sports discipline being performed. In all other cases, he is entitled to address the judge only through the team representative.

## **2.5. Apparel, Equipment and Footwear**

**2.5.1.** Athletes perform in all sports disciplines in special sports apparel, in firefighting or sports helmets, with a firefighting and sports belt, in special footwear on both feet.

**2.5.2.** Equipment and apparel shall meet the following requirements:

- a) Sports suit made of opaque material even when wet. The lower part of the sleeves must be at wrist level, the lower part of the trousers not higher than 10 cm from the ankle;
- b) Sports belt not less than 45 mm wide, must have a metal buckle.

**2.5.3.** The color of the apparel and sports helmets (in team disciplines) must be the same for the whole team (except for the athlete in the 4<sup>th</sup> leg of the 4x100-Meter Fire Relay Race with Obstacles). The apparel must be clean and neatly fitted.

**2.5.4.** The athlete of the 4<sup>th</sup> leg of the 4x100-Meter Fire Relay Race with Obstacles shall wear mittens or gloves. The face must be protected with a protective, transparent visor (shield). For male juniors, female juniors (under 18 years) and women, wearing a helmet is mandatory. When extinguishing burning liquid, the visor must be lowered.

**2.5.5.** The athlete's apparel is to display the emblem of the country the athlete represents.

For advertising purposes, it is allowed to have the logo (emblem) of the sponsor's company on sports suits or helmets.

At the opening and closing ceremonies of the competition, the team must wear the same apparel.

Each delegation shall enter the opening and closing ceremonies with the flag of their country, which shall be provided by the organizers prior to the start of the competition.

**2.5.6.** Athletes taking part in competitions wearing apparel, equipment and footwear which do not comply with the requirements of the Rules shall not be eligible to compete.

## **2.6. Obligations and Rights of Team Representative and Coach**

**2.6.1.** Each team participating in the competition shall have its own team representative and coach.

**2.6.2.** The team representative is required to know and be guided by the Rules, Provisions and Regulations of the competition.

**2.6.3.** The representative is entitled to receive information about the competitions from the Main Judging Panel, and about the results of the competitions – from the Secretariat.

**2.6.4.** The team representative, being the team leader, is responsible for the equipment, timely arrival to the competition venues (meeting points) and participation of the team in the official ceremonies of the competition.

**2.6.5.** The team representative (coach) is entitled to submit additional entries, re-entries, protests and written statements.

**2.6.6.** The team representative is required to attend the meetings of the Judging Panel (if held jointly with the representatives), is entitled to speak at these meetings on behalf of the team and to participate in the drawing of lots.

The team representative (coach) is entitled to set the order of performance of the athletes of the team, which must be indicated in the application form.

**2.6.7.** Team representatives (coaches) are prohibited from interfering in the course of the competition in the orders of sports judges and officials conducting the competition.

**2.6.8.** The team representative shall not leave the competition venue until the competition is over and the results of the competition day have been finalized.

**2.6.9.** The team representative informs the athletes of all orders of the Judging Panel.

**2.6.10.** In case the team representative is absent (for a valid reason), his responsibilities are fulfilled by the coach, who enjoys all the rights of the representative.

**2.6.11.** The team representative and the team coach must not be members of the Judging Panel conducting the given competition.

**2.6.12.** For misconduct or unsportsmanlike behavior, the team representative or coach is given a warning. For a repeated warning, they shall be suspended from further participation in these competitions.

## **3. JUDGING PANEL**

### **3.1. General Provisions**

**3.1.1.** Competitions in fire sports shall be held with the participation of the official Main Judging Panel approved by CTIF – The International Association of Fire & Rescue Services. The other judges (members of the Judging Panel), trained and admitted by the Sports and Technical Committee (hereinafter "Committee") are supplemented by sports federations (organizations) of the countries which hold competitions (participate in competitions).

At European/World Championships (international competitions), an International Inspector Judge is appointed, who is a member of the Main Judging Panel.

**3.1.2.** Members of the Judging Panel are recommended to wear distinctive insignia indicating their judging position. The organization hosting the competition shall provide the members of the Judging Panel with uniform style and color clothing.

**3.1.3.** Competition judges are prohibited:

- a) to leave the competition venue without the permission of the Discipline Senior Judge or the Chief Judge of the competition;
- b) to provide any assistance to athletes (except for medical assistance);
- c) to participate in the competitions as an athlete or as a team representative.

**3.1.4.** If a judge makes a mistake in officiating during a competition (race), he shall be suspended from further officiating in the given competitions (replaced by another judge) with a corresponding entry made in the officiating card.

**3.1.5.** The Judging Panel shall consist of:

- a) The Main Judging Panel;
- b) Sports judges, the number of which is determined by the scale, number of sports disciplines and the venue of the competition (see clause 3.18);
- c) To organize officiating in individual sports disciplines, judges shall be united in teams headed by Discipline Senior Judges.

**3.1.6.** When electrical, mechanical or electronic devices are used in the competitions, the respective judging teams must be supplemented with the necessary number of technical staff members.

**3.1.7.** To carry out technical work, depending on the scope of the competition, the organizing country shall appoint Assistant Secretaries for the Chief Secretary, acting under his/her direction and on his/her instructions, and provide the necessary means of transport.

**3.1.8.** The order of sports disciplines, violations and interference with athletes during the competition is determined only by the members of the Judging Panel together with the members of the Committee.

If the opinions of the members of the Judging Panel and the Committee differ when discussing the issues of officiating, the right of final decision is with the Chief Judge of the competition.

## **3.2. Main Judging Panel**

**3.2.1.** The Main Judging Panel (hereinafter "MJP") shall be appointed for the competitions and shall consist of the Chief Judge, Deputy Chief Judges, Chief Secretary, Senior Judges, Deputy Senior Judges, Competition Doctor (Deputy Chief Judge for Medical Support), Chief Starter, Informer Judge, Committee members and International Inspector Judge.

**3.2.2.** The members of the Committee take part in settling disputes and protests, as well as in cases not stipulated by the Rules, Provisions and Regulations of the competitions.

## **3.3. International Inspector Judge**

**3.3.1.** The International Inspector Judge of the competitions is an official appointed from among the most qualified judges, approved by the organization holding the competitions.

**3.3.2.** The International Inspector Judge is obliged:

- a) to be guided in his work by the Rules, Provisions and Regulations of the competitions;

- b) to review the qualification composition of the Judging Panel and the state of the equipment of the sports venue where the competitions are held, before the start of the competitions;
- c) to take measures, if necessary, to eliminate the noted deficiencies before the competition;
- d) to inform the organization conducting the competitions about the identified shortcomings in the organization and conduct of the competitions and the measures taken to eliminate them;
- e) to review the planned measures to ensure order and safety during the competitions;
- f) if necessary, without interfering in the activities of the members of the Main Judging Panel and judging teams, to point out through the Chief Judge the observed violations, give recommendations for their elimination and control their implementation;
- g) to prepare a brief written report at the end of the competition, noting the course of the competition, its positive aspects, existing shortcomings and giving recommendations for holding similar competitions;
- h) to take part in the meeting of the Judging Panel before and after the competition.

### **3.4. Chief Judge**

**3.4.1.** The Chief Judge is the head of the competition, leading the work of the Judging Panel.

**3.4.2.** The Chief Judge is obliged:

- a) to draw up the schedule of competitions by days and hours (if absent in the Provisions);
- b) to supervise competition venues, equipment and facilities in accordance with the Rules;
- c) to provide necessary information to all participants of the competitions;
- d) to approve competition venues and reports on the metering and testing of firefighting equipment;
- e) to review and make decisions on received appeals and protests;
- f) to hold meetings of the Judging Panel and representatives before, during and at the end of the competition;
- g) to approve the results of the competition and certificates on the records set;
- h) to check the suitability of the premises allocated by the administration of the sports venue for the needs of the competitions;
- i) to timely submit written reports on the competitions to the organization conducting the competitions.

**3.4.3.** The Chief Judge is entitled to:

- a) cancel the competitions, postpone their start, stop their further conduct or declare a temporary break;
- b) make changes to the order and schedule of the competitions, if necessary;
- c) suspend athletes from participation in competitions for improper actions and behavior, as well as those who showed obvious technical or physical unpreparedness;
- d) suspend coaches and team representatives for improper actions and behavior, as well as those who fail in fulfilling their obligations;
- e) move judges in the course of the competitions, suspend judges who fail to fulfil their obligations or violate the requirements of the Rules and Regulations of the competitions;
- f) make final decisions on matters related to the competition;
- g) cancel the decision of any judge if he is convinced that the judge's actions or the decision made by that judge are erroneous.

**3.4.4.** The Chief Judge has no right to cancel or change the conditions of the competitions established by the Provisions.

### **3.5. Deputy Chief Judge**

**3.5.1.** To assist the Chief Judge in conducting the competitions more promptly and accurately, the Deputy Chief Judge shall be appointed to work under his supervision. In the absence of the Chief Judge and his Deputy, his functions shall be performed by the Deputy Chief Judge for Officiating. The number of deputies and the division of responsibilities between them is determined by the scale and scope of the competition.

**3.5.2. The Deputy Chief Judge shall fulfil the obligations of the Chief Judge of the competition in case of his absence.**

**3.5.3.** The Deputy Chief Judge for Officiating is obliged:

- a) to supervise the competitions and ensure that they are conducted properly and accurately;
- b) to conduct, together with the organization holding the competitions, the staffing of the Judging Panel, to assign judges to teams and work sections;
- c) to brief the judges before the start of the competition, to establish a common point of view on officiating and interpretation of certain provisions of the Rules;
- d) to draw up a schedule of assignment and work of judges;
- e) to supervise the work of the judging teams and to carry out the necessary relocations in the course of the competition;
- f) to draw up evaluations of the work of judges for inclusion in the Chief Judge's report, based on the data of Senior Judges and Deputy Chief Judges.

**3.5.4.** The Deputy Chief Judge for Information and Ceremonies is obliged:

- a) to take the lead in organizing and carrying out the work on informing the participants of the competitions using all available means (radio, telephones, display boards, etc.);
- b) to supervise the official ceremonies (opening, closing, awarding) and coordinate the joint work of the information, awarding, radio broadcasting and other services teams.

**3.5.5.** The Deputy Chief Judge for Technical Support is obliged:

- a) to supervise the logistics team, to control the course of the competition, to manage the metering, preparation and equipment of the competition venues;
- b) to identify the causes of failure of vehicles and firefighting equipment;
- c) to assign judges and workers allocated to him by the MJP at the competition venues;
- d) to selectively carry out technical inspections and testing of firefighting equipment which is in the personal use of athletes;
- e) to draw up reports on the technical condition of the sports facility, firefighting and technical equipment of the athlete in case of an accident resulting in injury.

If necessary, he may engage specialists to consult and determine the causes of the accident.

**3.5.6.** The Deputy Chief Judge for Medical Support is obliged:

- a) to verify the accuracy of the medical documentation provided for the athletes at the time of entry and to ensure that only medically fit athletes participate in the competition;
- b) to provide medical supervision of athletes during the competition;
- c) to organize medical examination of athletes on special indications (illnesses, injuries, etc.) and give a conclusion on the possibility of further participation in competitions;
- d) to notify the Chief Judge in case of withdrawal of the athlete from further participation in the competition;

- e) to ensure compliance with sanitary and hygienic requirements during the competitions;
- f) to provide medical assistance;
- g) to submit a report on medical and sanitary provision with conclusions and proposals to the Chief Judge and to the organization conducting the competition at the end of the competition.

### **3.6. Logistics Support Unit**

The Logistics Support Unit is obliged:

- a) to carry out a set of measures for the reception of fire and rescue vehicles and firefighting equipment, preparation of storage sites, testing and labelling of firefighting equipment;
- b) to prepare equipment and sports apparatus, judging and measuring tools, signaling, warning, communication, electronic information equipment, flagpole for hoisting flags, pedestal for awarding, etc.;
- c) to keep in technically sound condition the competition venues, equipment, inventory, facilities and technical devices, as well as the work places of the Judging Panel;
- d) to provide the Judging Panel with stationery, communication, electronic, printing and multiplying organizational equipment;
- e) to organize transportation of the participants to the places of training, competitions and accommodation;
- f) to provide accommodation for participants, secretariat members, doctors and other individuals servicing the competitions in the competition venues.

### **3.7. Competition Manager**

The Competition Manager shall fulfil all instructions of the Chief Judge of the competition and his Deputy for Technical Support, as well as Discipline Senior Judges and Committee members. The Competition Manager organizes the places for weighing the equipment, maintaining order at the competition and warm-up venues, in the premises for athletes, judges and media.

The Competition Manager is obliged:

- a) to ensure that competition venues are timely marked and labelled, to draw up an act of distance metering and submit it to the Deputy Chief Judge for Technical Support;
- b) to arrange the timely placement of apparatus and firefighting equipment on the running tracks, their prompt removal from the sports equipment and inventory after the athletes (teams) have completed the sports discipline;
- c) to provide telephone or radio communication for the work of the judging team, as well as to ensure the work of the sound-amplifying installation to inform all participants about the course of the competition;
- d) to keep in stock the necessary amount of firefighting equipment and supplies;
- e) to arrange places for the Judging Panel, prepare stands and screens for technical results of the competitions;
- f) to organize inspection and testing of firefighting equipment and sports apparatus;
- g) to organize the preparation of a safety cushion at the training tower before each race.

### **3.8. Chief Secretary**

**3.8.1.** The secretariat is headed by the Chief Secretary of the competition, who reports to the Chief Judge. The Chief Secretary is a member of the MJP. The Chief Secretary is required to comply with the Rules, Provisions and Regulations of the competitions.

The Chief Secretary is obliged:

- a) to assign responsibilities to the members of the secretariat and to organize their work;
- b) to collect name applications and to draw lots;
- c) to prepare the start line sheets of the competitions and to communicate them to the team representatives and other participants of the competitions;
- d) to brief and supervise the work of the secretaries;
- e) to coordinate the work with the Head of the Press Centre;
- f) to handle the results of the competitions in all sports disciplines according to the Rules and Provisions;
- g) to prepare and provide the team representatives with the approved competition reports at the end of the competition:
  - Report of team results;
  - Report of team results of competitions in Climbing on an Assault Ladder to the Training Tower;
  - Report of individual results of competitions in Climbing on an Assault Ladder to the Training Tower;
  - Report of team results of competitions in the 100-Meter Obstacle Course;
  - Report of individual results of competitions in the 100-Meter Obstacle Course;
  - Report of individual results of competitions in the double event;
  - Report of team results of competitions in the 4x100-Meter Fire Relay Race with Obstacles;
  - Report of team results of competitions in Combat Deployment from a Motor Pump.

At the end of the reports there shall be signatures (of the Chief Judge, Chief Secretary and Discipline Senior Judge) with the seal of the organization holding the competition. Each page of the reports shall be sealed;

- h) to take minutes of the MJP meeting and meetings with team representatives;
- i) to prepare certificates on records (certificates on records shall be drawn up with the participation of the Discipline Senior Judge);
- j) to provide publishing and circulation of the final documents of the competitions.

All documents (results of individual and team championships, approved by the Chief Judge of the competition, original reports, applications, etc.) shall be mandatorily submitted to the organization holding the competition.

**3.8.2.** The Chief Secretary is accountable for correctly handling reports, overall results and determining the places taken by athletes and teams.

### **3.9. Discipline Senior Judge**

**3.9.1.** The Discipline Senior Judge is a member of the MJP. The Senior Judge supervises the work of judges in this sports discipline.

**3.9.2.** The Senior Judge reports directly to the Chief Judge (in his absence to the Deputy Chief Judge) and works under his supervision.

**3.9.3.** The Senior Judge is obliged:

- a) to inspect the competition site, correct marking and positioning of equipment and apparatus before the start of the competition;
- b) to organize the marking of firefighting equipment;
- c) to introduce motions to suspend athletes and sports judges who have violated the Rules and Regulations;

- d) to consider the received appeals and protests, to report on the decisions taken to the Chief Judge (in his absence to the Deputy Chief Judge);
- e) to bear full responsibility for the decisions made and correctness of officiating.

**3.9.4.** The Senior Judge shall randomly inspect and test fire apparatus and firefighting equipment.

**3.9.5.** The Senior Judge informs the Chief Judge of all infringements that occur during the competition and makes proposals on disputable issues in accordance with the Rules.

### **3.10. Starter and Assistant Starter**

**3.10.1.** The Starter Judging Team consists of the Main Starter and one or more Assistant Starters.

**3.10.2.** The Main Starter shall have full control over the actions of the athletes on the start line.

**3.10.3.** The Main Starter is obliged:

- a) to verify before each start that the Finish Line Judges and Timekeepers are ready;
- b) to ensure that the athletes are correctly positioned at the start;
- c) to give start commands and signals for the start of the discipline run by voice, pistol shot (light and sound device).

**3.10.4.** When giving commands, the Starter shall stand in a position where he has the best view of all athletes starting and so that he/she is clearly visible to the Timekeepers. When running on separate tracks with offset starts, the Starter shall be as far as possible from each athlete who starts.

**3.10.5.** If any athlete has started running in a sports discipline before the starting signal, the Main Starter or his Assistant shall give a second signal to stop and return the athletes.

**3.10.6.** The Main Starter decides all matters related to the start, except for the stopping of the run by the Assistant Starter in case of a false start. His decision can be overturned only by the Chief Judge (in his absence by the Deputy Chief Judge), if they were directly near the start and made this decision immediately on the spot, as well as after viewing the video from the Video Assistant Referee (VAR).

**3.10.7.** The Assistant Starter is obliged:

- a) to assist in the organization of work at the start, to give a signal (shot or voice) in case of premature start (false start) of any of the athletes, if it was not given by the Main Starter;
- b) to give a signal to the athletes to prepare for the next race after fixing the results of the previous race and to fix the set time of two (2) minutes in the Climbing on an Assault Ladder to the Training Tower (2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> floors) and the 100-Meter Obstacle Course, and five (5) minutes in the Combat Deployment from a Motor Pump;
- c) to monitor the accuracy of the athletes' position at the start and in case of any irregularities immediately signal the Main Starter;
- d) to inform the Senior Judge about all remarks and decisions of the Starter about violation of the Rules and Regulations by the participants;
- e) to prepare and check in advance the necessary equipment and inventory available at the start, and in case of its absence to take measures for its timely delivery to the start place.

### **3.11. Judge Near the Participants**

The Judge Near the Participants is obliged:

- a) to check the attendance of the athletes of the next race, to make a note of the attendance in the start list sheet, to inform the finish line about non-attendance of athletes before the start;
- b) to check the equipment of athletes in accordance with the Rules;
- c) to record violations in the start list sheet, to seek their elimination and to direct the athletes to the start place;
- d) to check athletes' documents.

### **3.12. Judges on Course**

The Judges on Course are obliged:

- a) to monitor the availability and installation of equipment and sports apparatus in their respective sites and take measures to eliminate deficiencies;
- b) to monitor the accuracy of the athletes' progress along the sports distance and obstacles;
- c) to record the facts of violation of the Rules and Regulations in the start sheet and to signal it by a raised flag or other pre-determined way to the Finish Line Senior Judge; at the end of the sports discipline to inform in writing about violations to the Discipline Senior Judge;
- d) to check the availability and readiness of the athletes of the teams at their leg of the 4x100-Meter Fire Relay Race with Obstacles;
- e) to report on the readiness of athletes and equipment on the course;
- f) to take measures to provide assistance in case of an accident.

Judges on the legs are positioned in such a way that they can see the athletes from start to finish.

When conducting competitions in the Climbing on an Assault Ladder to the Training Tower and the 4x100-Meter Fire Relay Race with Obstacles, in case of ladder breakage or violation of safety rules, the judge gives a signal by voice to stop the athlete from performing the sports discipline. For example: "Fourth track, halt!" At this command, the athlete immediately stops the performance of the discipline.

### **3.13. Judges-Timekeepers (Timekeepers)**

**3.13.1.** Judges-Timekeepers record the time of performance by athletes of the sports discipline.

**3.13.2.** The work of the timekeepers is supervised by the Senior Timekeeper. He assigns responsibilities among the Timekeepers (order of "reception" of athletes) and uses a spare stopwatch to control the time.

The Senior Timekeeper is obliged:

- a) to check the stopwatches before the start of the competition;
- b) to instruct the Timekeepers to set the stopwatches to zero;
- c) to wave a flag to the Starter to be ready to "receive" the athletes.

**3.13.3.** Timekeepers are positioned on the extension of the finish line or on the training tower in such a way that the start and finish can be clearly seen.

**3.13.4.** Stopwatches are started when light (fire or smoke) appears from the starter's gun. Stopwatches shall be stopped after the athletes have completed the discipline. The Senior Timekeeper records the stopwatch readings in the finish (timekeeping) report for the given discipline.

**3.13.5.** The Timekeepers shall communicate their stopwatch readings (without discussing them with each other) to the Senior Timekeeper and, if necessary, provide him/her with a stopwatch on his/her instructions. In the event of a difference of opinion in the reading, the Senior Timekeeper shall have the final say.

**3.13.6.** After recording the time, the Timekeeper shall be authorized to reset the stopwatch to zero only with the permission of the Senior Timekeeper.

**3.13.7.** The time of the athlete who came first is recorded by three stopwatches and the arithmetic mean is calculated.

***Note:** in case of an error in recording the results in the finish report, the result is not erased, but crossed out with one line, the correct result is written next to it and certified by the signature of the Senior Timekeeper.*

**3.13.8.** At the end of the discipline, the Senior Timekeeper delivers the completed and signed finish (timekeeping) reports to the Chief Secretary of the competition.

**3.13.9.** The Finish Line Judge checks the correct execution of the sports discipline at the finish line.

### **3.14. Finish Line Judge**

The Finish Line Judge determines the correctness of the sports discipline at the finish line, the order of arrival of the athletes and records the messages of the Judges on Course.

### **3.15. Finish Line Secretary**

The Finish Line Secretary shall draw up a record of the athletes' arrival and hand it over to the Senior Timekeeper with his/her signature on it.

### **3.16. Informer Judge (Announcer) and Assistant Informer Judge**

The Informer Judge (Announcer) shall be appointed for all competitions.

**3.16.1.** The Informer Judge (Announcer) shall focus on promoting fire sports. He shall timely inform all athletes, spectators and media representatives about the progress and results of the competition.

**3.16.2.** The Informer Judge is obliged:

- a) to be aware of the Rules, Provisions and Regulations of the competitions, team and individual sports achievements in all sports disciplines;
- b) to keep track of the information during the competition and to report in a timely manner on the best results and the course of the disciplines;
- c) to announce orders and instructions of the Judging Panel in the course of the competitions;
- d) to prepare Announcer's texts for official ceremonies in advance, agreeing them with the MJP;
- e) to refrain from making announcements at the moment of the start of the next race of athletes (teams).

### 3.17. Judging Team Composition

#### 3.17.1. Judging Team Composition for the Climbing on an Assault Ladder to the Training Tower

Judging Team Composition	2 tracks	3 tracks	4 tracks
Senior Judge	1	1	1
Deputy Senior Judge	1	1	1
Starter (Main)	1	1	1
Assistant Starter	1	1	2
Judge Near the Participants	1	2	2
Senior Timekeeper	1	1	1
Timekeeper	4	6	8
Judge Near the Tower	1	1	1
Judge Near the Ladders (Start)	1	1	1
Finish Line Judge	1	1	1
Finish Line Secretary	1	1	1

To ensure safety during the competition in the discipline “Climbing on an Assault Ladder to the Training Tower”, specially instructed spotters are assigned and positioned on the floors of the training tower, one at each window.

The spotter is entitled to touch the athlete or the ladder with his hands only when there is a clear risk of the ladder collapsing or the athlete falling.

The scheme of marking and positioning of judges at the competition venue during the discipline “Climbing on an Assault Ladder to the Training Tower” is provided in Annex No. 6.3.

#### 3.17.2. Judging Team Composition for the 100-Meter Obstacle Course

Judging Team Composition	2 tracks	3 tracks	4 tracks
Senior Judge	1	1	1
Deputy Senior Judge	1	1	1
Starter (Main)	1	1	1
Starter (Auxiliary)	1	1	1
Assistant Starter	1	1	2
Judge Near the Participants	1	2	2
Senior Timekeeper	1	1	1
Timekeeper	4	6	8
Judge Near the Obstacle	3	6	6
Finish Line Judge	1	1	1
Finish Line Secretary *	1	1	1

\* The Judge Near the Wind Speed Indicator in the 100-Meter Obstacle Course provides control of the device (anemometer) and records the wind speed and crosswind direction relative to the athletes' movement in the start sheet.

The scheme of marking and positioning of judges during the 100-Meter Obstacle Course is provided in Annex No. 10.

### 3.17.3. Judging Team Composition for the 4x100-Meter Fire Relay Race with Obstacles

Judging Team Composition	1 track	2 tracks
Senior Judge	1	1
Deputy Senior Judge	1	1
Starter (Main)	1	1
Assistant Starter	1	1
Judge Near the Participants	1	1
Senior Timekeeper	1	1
Timekeeper	2	4
Judge at the Leg	3	6
Judge Near the Obstacle	2	4
Judge at Trunk Release Line	1	2

To ensure the competition in the 4x100-Meter Fire Relay Race with Obstacles for each track, the organization holding the competition allocates the necessary number of service personnel, who are subordinate to the Senior Judge.

The scheme of marking and positioning of judges during the 4x100-Meter Fire Relay Race with Obstacles is provided in Annex No. 7.

### 3.17.4. Judging Team Composition for Combat Deployment from a Motor Pump

Judging Team Composition	1 track	2 tracks
Senior Judge	1	1
Deputy Senior Judge	1	1
Starter (Main)	1	1
Assistant Starter	1	1
Judge on Course	1	2
Judge Near the Participants	1	1
Senior Timekeeper	1	1
Timekeeper	2	4
Finish Line Judge	1	1
Finish Line Secretary	1	1
Fire Apparatus and Equipment Judge	1	2

**Note:**

1. The number of judging teams may be changed (supplemented) by the decision of the MJF of the competitions.
2. A Video Assistant Referee (VAR) shall be included in the judging team in all sports disciplines. The VAR is to review a disputed episode with the help of video replay. The review is made by the Chief Judge, the Discipline Senior Judge, a member of the Committee, a Video Assistant Referee and a Video Replay Operator.

3. *Judges are positioned as directed by the Senior Judge, depending on the nature of the task to be performed, but in such a way that they can see the athletes and their actions.*
4. *The Fire Apparatus and Equipment Judge supervises the correct stowage of firefighting equipment, operation of the motor pump and other firefighting equipment.*
5. *When competitions are held with the use of electronic measuring equipment, judges-operators of the "Start-Finish" system may be appointed to the judging teams.*

## 4. COMPETITIONS REQUIREMENTS

### 4.1. General Provisions

4.1.1. The sequence of competitions in sports disciplines is determined by the Provisions of the competitions.

4.1.2. The draw to determine the starting number of the team shall be held at the meeting of the Main Judging Panel in advance in the presence of the team representatives.

4.1.3. The races for each sports discipline are determined on the basis of the drawing of lots.

4.1.4. In case of loss of equipment or gear during the performance of any sports discipline, the athlete is obliged to return and pick up the lost equipment. An athlete who failed to do so does not have his result registered.

4.1.5. In case of damage or malfunction of sports apparatus or firefighting equipment, as well as failure for technical reasons beyond the fault of the athlete (team), the athlete, with the permission of the MJP, is entitled to retake this sporting discipline.

4.1.6. On the eve of the competition, in accordance with the schedule, athletes are given time to try out sports equipment for all sports disciplines.

4.1.7. In case of an error made by the judge which affected the performance of the sports discipline and the result of the athlete (team), after consideration of this situation by the MJP, the Chief Judge is entitled to make a decision on the repeated performance of this sports discipline by the athlete (team) or to approve the shown result.

### 4.2. Start

4.2.1. The tracks on which the athletes shall start shall be determined by the draw. The order of athletes indicated in the report shall then be in accordance with the draw.

4.2.2. In case one or more athletes fail to appear, the Starters occupy the tracks in accordance with the start list sheet (without shifting).

4.2.3. To prepare for the start, including the installation of pads (stations), hoses, ladders and fire extinguishers, athletes have no more than 2 minutes (except for competitions in the Combat Deployment from a Motor Pump and the 4x100-Meter Fire Relay Race with Obstacles), calculated from the moment of the call to the start of the next race.

In Combat Deployment from a Motor Pump competitions, athletes are given 5 minutes. In the 4x100-Meter Fire Relay Race with Obstacles, the start is given on readiness at the legs and the zone of extinguishing flammable liquids.

If an athlete (group of athletes) fails to prepare for the start in the allotted time, the Starter shall give a signal to stop preparation and call the athlete (group of athletes) to the start, and if the athlete (group of athletes) is not ready to take the starting position – to make a remark. If the athlete (group of athletes) is not ready after a second call, the athlete (the group of athletes) shall be disqualified from this attempt.

**4.2.4. Start requirements:**

- a) before the start, the Assistant Starter positions the athletes approximately 3 m from the start line according to the start report;
- b) when athletes are ready, Assistants signal to the Starter Judge that athletes are ready to start. The Starter shall give the preliminary commands – "Ready!" and "Steady!" – in the language of the country organizing the competition;
- c) during the competitions in all sports disciplines (except the Combat Deployment from a Motor Pump), a low start with the use of starting blocks is mandatory. When conducting competitions in the Combat Deployment from a Motor Pump, a high start is allowed;
- d) at the command "Ready!" athletes take a convenient position in front of the start line, without touching the start line with their hands or feet, with both hands and one knee touching the ground and both feet fixed in the starting blocks;
- e) it is allowed for the starting block to go beyond the start line;
- f) when performing the start in the first leg of the 4x100-Meter Fire Relay Race with Obstacles and in the Climbing on an Assault Ladder to the Training Tower, it shall not be considered a violation if the projections of the places where the athlete's hands touch the ladder on the running track are behind the start line;
- g) having verified that the athletes are ready, the Starter shall give the command "Steady!" upon which the athletes shall immediately rise and fix the final position, stop all movement and keep their hands on the track (or ladder) and their feet in contact with the starting blocks;
- h) an athlete (group of athletes) who delays in assuming a stationary position may be reprimanded and in case of repeated offence a false start may be declared;
- i) having verified that all athletes have correctly assumed the stationary starting position, the Starter shall fire the starting pistol.

**4.2.5.** If the Starter delays the start for any reason, he must give the command "Dismissed!" after which all athletes must leave the starting positions and take them again only after a second command from the Starter.

**4.2.6.** Athletes who, after the "Steady" command and before the Starter's signal (shot), are the first to remove their hand or foot from the ground or to start moving, are considered to have prematurely started (false start), as a result of which they shall be disqualified. If, before or after the starting signal, the Main Starter or his Assistant considers that any of the athletes has made an incorrect start, all athletes shall be stopped (by a second shot, whistle or voice) and returned to the start line. The disqualification shall be declared for the athlete(s) whom the Starter considers guilty of the incorrect start. If a false start made by one athlete (group of athletes) causes the other athletes in the race to leave the start line prematurely (before the signal), only the athlete(s) guilty of the false start shall be disqualified.

If the Starter finds it difficult to identify the perpetrator of the false start, a green card shall be shown to all athletes, indicating that no athlete has committed a false start.

**4.2.7.** The athlete who made the false start shall raise his hand in the air to acknowledge that he has heard and understood that the declared disqualification applies to him.

**4.2.8.** The athlete who has made a false start in a race will be disqualified for that attempt.

### **4.3. Distance Running**

**4.3.1.** When running, athletes shall run only in their own track.

**4.3.2.** The Judging Panel is entitled to suspend an athlete (team) from participation in competitions in this sports discipline:

- for passing any section of the course on a neighboring track resulting in a shortening of the course. The only exception are cases of crossing to neighboring tracks, namely in the 5 m zone after the pan on the fourth leg of the 4x100-Meter Fire Relay Race with Obstacles, as a result of an obvious loss of balance or fall, provided that this action did not serve as a hindrance to another athlete, including after a premature exit from the cabin and beam, after which the athlete must retake the sports apparatus;
- if the athlete (team) receives any prohibited assistance during the performance of the discipline;
- if moving to a neighboring track interferes with another athlete (team) in the performance of the discipline.

### **4.4. Finish**

**4.4.1.** A sports discipline is considered to be completed if an athlete (team) has finished the course without violating the conditions stipulated in the Rules. The result of the athlete (team) is recorded:

- in the 100-Meter Obstacle Course and the 4x100-Meter Fire Relay Race with Obstacles – at the moment of touching the imaginary plane of the finish line with any part of the torso, excluding the head, neck, arms and legs. The athlete who has crossed the finish line with his whole body and without assistance is considered to have finished the race. If the athlete, after touching the finish line with his body, falls on the finish line, his time and order of arrival will be recorded, provided that he then crosses the finish line unaided with his whole body;
- in the Climbing on an Assault Ladder to the Training Tower – at the moment the athlete steps on the finish pads with both feet;
- in the Combat Deployment from a Motor Pump – at the moment when two tanks of 10 liters each are filled with water and the time parameters are recorded by the electronic timekeeping system on the respective sporting targets through the contact device.

**4.4.2.** The order of completion of the course and the results of the athletes are determined by the Finish Line Judges and Timekeepers or with the help of automated special time measuring equipment.

**4.4.3.** In case of malfunction of the electronic timing system, the result of the whole race in the 100-Meter Obstacle Course and the Combat Deployment from a Motor Pump shall be recorded using a manual stopwatch, with 0.24 seconds added to the results; in the Climbing on an Assault Ladder to the Training Tower – 0.15 seconds.

**4.4.4.** After the completion of the sports discipline, the athlete's equipment at the finish line shall be the same as the athlete's equipment at the start line.

**4.4.5.** The recorded results are considered official if they are approved by the Main Judging Panel.

#### **4.5. Climbing on an Assault Ladder to the Training Tower**

**4.5.1.** Competitions in the Climbing on an Assault Ladder to the Training Tower shall be held in the following sequence:

- the athlete shall stand in front of the start line without stepping on it. It is allowed to grasp the assault ladder with hand(s) in a comfortable position;
- for the male younger age group (14 years and under), for women, young women and female juniors: the ladder is suspended in the window of the 2nd floor of the training tower;
- at the Starter's signal, the athlete starts and ascends to the floors of the training tower by any means without disturbing the athletes on other tracks.

**4.5.2.** It is prohibited to "throw out" the assault ladder from the "standing" position on the window sill.

**Note:**

1. *The preparation of the safety cushion before the race is carried out by a special team of the competition organizers.*
2. *When conducting competitions, the training tower shall be equipped with a safety net (Annex No. 6.1).*

#### **4.6. 100-Meter Obstacle Course**

**4.6.1.** Competitions in the 100-Meter Obstacle Course are held in the following sequence:

- a) The athlete participating in the race within 2 minutes sets the sports hoses on the appropriate mark on the course. It is forbidden for anyone to touch the set sports hoses after the Starter's command "Ready!";
- b) The athlete with the hose shall stand in front of the start line without stepping on it;
- c) When running the course, the athlete crosses the sports fence, takes two sports hoses, crosses the sports beam, connects the couplings of the sports hoses into a hose line, runs to the branching, connects the couplings of the hose line to it and runs it towards the finish line, and then connects it to the sports fire trunk and finishes the course;
- d) After crossing the finish line, all hose line couplings must be closed;
- e) The trunk must be released from the athlete's hands at the finish line. Otherwise, the result will be annulled.

**4.6.2.** The sports fence is to be climbed without resting feet on the posts and slopes of crosses. Women, young women and female juniors may cross the sports fence by any method.

**4.6.3.** Sports hoses and the trunk are carried in any possible way. The connection of the couplings to the branching and the trunk is allowed to be made on the spot and while moving on the course. When leaving the sports beam on the running track before the boundary line, the athlete must return and traverse the sports beam again.

**4.6.4.** It is prohibited to move the sports branching from its place of installation.

#### **4.7. 4x100-Meter Fire Relay Race with Obstacles**

**4.7.1.** The 4x100-Meter Fire Relay Race with Obstacles consists of four legs of 100 m each.

**4.7.2.** Each athlete of the team in the relay race has the right to run only one leg. In the competitions among young men and male juniors, young women and female juniors, the first and the second legs may only be run by male and female younger and middle age groups; the third and fourth legs – by male juniors and female juniors.

In the competitions among young women and female juniors, only female juniors wearing a fire hood are entitled to run the fourth leg.

In the competitions among young men and male juniors, the fourth leg may be run by male juniors at the age of 18 and older without wearing a fire hood.

**4.7.3.** The relay baton is a sports fire trunk.

**4.7.4.** The handover of the baton (sports fire trunk) takes place in the 20 m handover zone. The position of the sports fire trunk, not the athlete, is decisive. The athlete receiving the trunk is allowed to start the run-up 10 m before the start of the handover zone. The sports fire trunk may be carried in any way possible.

**4.7.5.** The athlete of the fourth leg of the team must cross the finish line with the sports fire trunk. If the sports fire trunk falls during the handover, only the person handing it over may pick it up. A sports fire trunk that has fallen on a neighboring track may be picked up in such a way that it does not interfere with any other athlete; otherwise the team's attempt will not be registered.

**4.7.6.** The athlete who has handed over the sports fire trunk may leave the running track only after making sure that he does not interfere with the other relay race athletes.

**4.7.7.** Any assistance to an athlete in the performance of a sports discipline is prohibited. The team that violated the Rules is subject to disqualification.

**4.7.8.** Competitions in the 4x100-Meter Fire Relay Race with Obstacles shall be held in the following sequence:

- a) The athlete with a sports fire trunk and a sports ladder for the 4x100-Meter Fire Relay Race with Obstacles stands in front of the start line (for young men, young women and women – the ladder is attached to the cabin);
- b) At the Starter's signal the athlete starts. At subsequent legs, the relay athletes start independently;
- c) First leg: the athlete, having run up to the sports cabin, with the aid of the sports ladder for the 4x100-Meter Fire Relay Race with Obstacles, climbs up to the roof, moves along it, jumps on the running track behind the boundary line, touching the pad. When landing before the boundary line, the athlete must return and retake the sports cabin;
- d) Second leg: the athlete, having taken the trunk, overcomes the sports fence without resting his feet on the posts or slopes of the sports fence. Women, young women and female juniors may

overcome the sports fence in any possible way. At the moment of landing of the athlete after overcoming the sports fence, the flammable liquid in the pan is set on fire;

- e) Third leg: the athlete, having taken the sports fire trunk, runs up to the sports hoses, takes them and overcomes the sports beam, then runs up to the branching, attaches the hose line to it and runs it through. The sports hoses are carried by any means. The connection of sports hoses with each other and with the sports fire trunk may be made on the spot and in motion on the course. The sports fire trunk shall be connected to the sports hose up to the "unlocking line" and disconnected after it. When leaving the sports beam on the ground up to the boundary line, the athlete is obliged to return and cross it again. When crossing the opening line of the sports fire trunk, the athlete must hold the hose line in such a way that the judges can verify that the couplings of the sports fire trunk and the sports hoses are correctly connected. The position of the hose line after the disconnection of the sports fire trunk shall not be taken into account. After handing over the relay to the athlete of the fourth leg, all connections of the sports hose couplings (including the connection to the branching) must be completed;
- f) Fourth leg: the athlete, having taken the trunk, runs to the fire extinguisher, takes it, brings it to the pan and extinguishes the burning liquid. The sports discipline is considered to be fulfilled if at the finish line there is no burning in and around the pan.

**4.7.9.** The fire extinguisher shall not be left in the pan after the liquid has been extinguished.

**4.7.10.** Installation of the fire extinguisher shall be done by the athlete of the fourth leg on his own.

**4.7.11.** If the burning is not eliminated due to a technical malfunction of the fire extinguisher, the team is given a run-over by decision of the MJP.

**4.7.12.** A fire extinguisher shall not be used without a pressure hose.

**4.7.13.** When conducting competitions in the 4x100-Meter Fire Relay Race with Obstacles, a combustible mixture is poured into the tank to extinguish the burning liquid in the volume of: water – 30 liters, diesel fuel – 2 liters, automobile gasoline (AI 95) – 0.25 liters.

**4.7.14.** The drawing of lots for fire extinguishers and combustible mixture sets shall take place in the area of the fourth leg of the 4x100-Meter Fire Relay Race with Obstacles.

**4.7.15.** On the day of testing of sports equipment, the organizers of the competition are obliged to inform the team representatives about the work of fire extinguishers and provide the Senior Judge in the 4x100-Meter Fire Relay Race with Obstacles with all fire extinguishers for inspection.

**4.7.16.** Fire extinguishers shall be tested according to the schedule.

## **4.8. Combat Deployment from a Motor Pump**

**4.8.1.** Competitions in Combat Deployment from a Motor Pump are held with the use of the ROZENBAUER FOX III, FOX IV motor pump with a full set of this motor pump and an electric starter system. Couplings connecting hose lines are of the "STORZ" system.

**4.8.2.** The sports team is called (invited) to the shield for laying the firefighting equipment. At the moment of starting the laying of firefighting equipment on the shield, the judge starts the

countdown timer of the regulated time for preparation.

Upon elapse of the regulated time – 5 minutes, the Starter calls (invites) the sports team to the "Start." In case of falling of pressure, suction fire hoses, couplings, sports fire trunks, suction nets, or branching on the shield or beyond its limits, the sports team is allowed to further perform the discipline without the possibility of eliminating the laying violation.

**4.8.3.** The start is taken by a sports team consisting of 7 persons (6 persons) from one of the start lines simultaneously.

**4.8.4.** After the "Start" signal, the athletes run up to the firefighting equipment stowage shield, connect the couplings of the main line to the motor pump and branching, lay the main line and two working lines of two pressure hoses. Further – the nozzle men go to the positions up to the boundary line, connect the couplings of the suction hoses between each other, to the suction net and the motor pump. The connection of the suction net to the suction hose must be made before it is immersed in the water tank.

**4.8.5.** The motor pump is started up and water is taken by any means from a 1000-liter tank and delivered by pressure fire hose lines.

**4.8.6.** During the performance of a sports discipline by a team, it is allowed to refill the water tank with water after a preliminary request before the start by the team captain (coach).

**4.8.7.** A sports discipline is considered to be completed under the following conditions:

- the nozzle men from their positions fill the tanks of two sporting targets with water, each with a capacity of 10 liters. When filling the targets with water, the nozzle men are allowed to help each other from their position without touching the dividing line, which is drawn perpendicular to the boundary line from its centre at a distance of 10 m towards the running track;
- connections of the couplings of the pressure fire hoses are performed;
- the judge at the firefighting equipment stowage shield shall confirm that the suction fire hoses are connected to each other and the suction net to the suction fire hose before the time is recorded by the electronic timing and Timekeepers.

**4.8.8.** When performing Combat Deployment from a Motor Pump, a sports team shall be disqualified in the following cases:

- two false starts made;
- the coupling(s) of the pressure and/or suction fire hoses have been pre-connected;
- firefighting equipment is placed outside the shield dimensions, which must not touch the surface of the running track, except for suction fire hoses;
- the regulated time (5 minutes) for preparation for the performance of the sports discipline is exceeded;
- performance of the sports discipline with violation of the requirements of the equipment;
- when performing the sports discipline, a team member allowed any part of his body, a piece of firefighting equipment, or a piece of sports apparatus to touch or cross the boundary line of the nozzle man's position.

**4.8.9.** Conditions of Combat Deployment from a Motor Pump – Annex No. 1, Annex No. 1.1, Annex No. 2, Annex No. 2.1, Annex No. 3, Annex No. 3.1.

**4.8.10.** During the testing of sports apparatus (according to the schedule), athletes (team) are allowed to familiarize themselves with the firefighting equipment presented by the organizers for Combat Deployment from a Motor Pump with water intake (1000 liters).

**4.8.11.** On the day of testing of the sporting apparatus, the competition organizers are obliged to inform the team representatives, coaches and athletes about the work of the trunks and sporting targets for Combat Deployment from a Motor Pump.

#### **4.9. Double Event**

**4.9.1.** The Double Event includes:

- a) Climbing on an Assault Ladder to the 2nd floor (Women) and to the 4th floor (Men) of the Training Tower;
- b) 100-Meter Obstacle Course.

**4.9.2.** Results in the Double Event competition are determined by the total time shown by athletes in two sports disciplines according to the results of preliminary attempts. Double Event competitions may be held on one or two days.

## **5. COMPETITION VENUES AND FIREFIGHTING EQUIPMENT**

The organization holding the competition is obliged to prepare and allocate for the competition assault ladders, ladders for the 4x100-Meter Fire Relay Race with Obstacles, sports branchings, motor pumps, pressure and suction fire hoses and other equipment and inventory that meet the Rules, and provide them at the request of the MJP and team representatives.

Competitions shall only be held at sports facilities with synthetic running track surfaces.

The site for Combat Deployment from a Motor Pump shall have running tracks with a length of at least 115 m (Men), at least 95 m (Women), at least 75 m (young men/male juniors, young women/female juniors) and a width of at least 20 m (all age categories).

Combat Deployment from a Motor Pump competitions may be held on sports grounds with any surface.

When holding competitions on the running tracks, starting blocks with numbers according to the number of running tracks, not less than 0.5 m high, shall be installed.

During the competitions, the finish area shall be equipped with a special tower to accommodate the Timekeepers. The start shall be equipped with a block for the starter and "baskets" for athletes' sportswear.

It is allowed to place marks on the running tracks only with self-adhesive tape (plaster or colored tape), with obligatory subsequent removal by the judges from the competition support group.

During the competitions in all sports disciplines, it is obligatory to use a countdown scoreboard (2 minutes, 5 minutes) to control the athletes' preparation for the start.

## 5.1. Climbing on an Assault Ladder to the Training Tower – Competition Site

5.1.1. The length of the site shall not be less than 50 meters. Width (in case of a training tower with four rows of windows) not less than 10 m.

5.1.2. The training tower is four stories high. Its vertical façade plane is clad with building materials, functional and including:

- a) Two or more window openings on each floor (except the ground floor), measuring 1.1 x 1.87 m;
- b) Distance from the window to the wall edge at least 0.65 m;
- c) Window sill width 37–39 cm;
- d) Distance from the upper surface of the window sill to the floor level 80+7 cm (taking into account the use of a contact pad) (Annex No. 6.2);
- e) Height of the 2nd floor window sill from the surface of the safety cushion 4.25 m; distance between window sills of the 2nd, 3rd and 4th floors 3.3 m;
- f) A line is drawn on the front of the tower, across its entire width, at the level of the running track, at the level of which a safety cushion is prepared. The distance from the sill (top surface) to the top edge of the line is 4.25 m;

**Note:** window sills of the 2nd, 3rd and 4th floors should protrude 3 cm from the facade plane of the tower; a bar (lath) should be nailed to the front across its entire width at the level of window sills of the 2nd, 3rd and 4th floors, and the thickness of the bar (lath) should be the same as the size of the window sill;

- g) There must be no openings (except for window openings) or protruding parts on the working side of the tower. At a distance of 3.2 m from the upper surface of the 2nd floor window sill of the training tower, a 6x6 cm bar shall be attached to the base of the tower across the entire width of the tower (the distance shall be measured to the underside of the bar). Sheet iron, rubber, plastic or plywood may be attached to the front of the tower under the windows of the 2nd floor up to the ground to protect the athletes from splinters. It is allowed to equip the right part of the window sill (in the direction of the athlete's movement) with artificial sports flooring of the type "Rezdor" or similar;
- h) Each level of the tower shall have platforms with a depth (from the working side) of at least 3.5 m, and each platform shall have access to a stationary ladder. A fixed ladder with a guardrail shall be installed inside the tower on one of its non-working sides;
- i) The training tower must be equipped with a safety net (Annex No. 6.1);
- j) In front of the working side of the tower, a safety cushion at least 1 m thick, 4 m wide from the front side, projecting at least 1 m beyond the tower dimensions on the sides, shall be built into the ground.

The safety cushion of the specified thickness is made of a backfill consisting of 50 per cent sawdust and 50 per cent sand mixed together and poured in a layer on a springy base. The thickness of the base is 0.5 m.

A pad of burlap is made between the springy base and the backfill.

The backfill in the pit should be sufficiently loosened, but at the same level as the runway. A drain or other device to allow water to drain out of the pad pit shall be installed.

5.1.3. For competitions in the Climbing on an Assault Ladder to the Training Tower, a start line is drawn at a distance of 32.25 m from the base of the tower. The width of each track is not less than

1.7 m. The start line shall be painted in white paint parallel to the facade of the tower.

**5.1.4.** Schematic diagram of the four-story training tower and safety cushion (Annex No. 6).

## **5.2. 100-Meter Obstacle Course – Competition Site**

**5.2.1.** When holding competitions in the 100-Meter Obstacle Course on two or more running tracks, their length shall be at least 115 m and track width not less than 2 m.

**5.2.2.** There must be a free area outside the 100-Meter Obstacle Course of at least 5 m before the start and 10 m after the finish line.

**5.2.3.** The running track shall be painted across (in white):

- a) Start line at the beginning of the course;
- b) Finish line at the end of the course.

All marking lines shall be 0.05 m wide. The start line is included in the course size and the finish line is not. At the finish line, finish posts shall be placed on either side of the outermost running tracks at a distance of 30 cm from the edge of the line.

**5.2.4.** At 3–5 m in front of the start line, when running on separate tracks, signs indicating the number of the running track (counting of the running tracks from the inner edge of the stadium) shall be placed, clearly visible to the judges and spectators.

**5.2.5.** Colored flags or traffic light type devices are used to signal to the Starter the readiness of the Timekeepers and Finish Line Judges, as well as the signals of the Judges on Course.

**5.2.6.** The running track shall be equipped with:

- a) Sports fence at 23 m from the start line; fence height – 2 m ( $\pm 0.01$  m) (for male younger and middle age groups – 1.7 m ( $\pm 0.01$  m); for young women, female juniors and women – 0.7 m ( $\pm 0.01$  m)) with a hinged, fixable top bar (0.1 m); width – 2 m ( $\pm 0.01$  m) for stadiums or outdoor arenas; 1.7 m is allowed for indoor sports facilities (arenas); fence wall 40–50 mm thick; to improve adhesion, the fence is padded (glued) with material (rubber or its analogue) on both sides (Annex No. 9);
- b) Two sports hoses in roll-ups at 28 m from the start line;
- c) Beam – the front end of the ramp is at 38 m from the start line. The top of the beam is flat, 18 cm wide. The beam is secured horizontally on support stands. The length of the beam is 8 m; the height to the upper surface from the ground is 1.2 m ( $\pm 1$  cm) (for male younger and middle age groups, young women, female juniors and women – 0.8 m ( $\pm 1$  cm)); ramps of 2 m length and 25 cm width are attached to both ends of the beam (Annex No. 8).

The working surface of the sports beam and its ramps is equipped with a rubber sports coating for running in spiked shoes. Transverse wooden unpainted or rubber bars, 0.05 m wide and 0.03 m high, are nailed to the upper surface of the ramps every 0.35 m, starting from the top of the ramp, centered on the width of the bar.

- d) At the end of the horizontal part of the sports beam, along its projection onto the running track, a white boundary line is applied perpendicular to the track across its entire width.
- e) The branching, with the working couplings to which the working hose line is connected, should be located above the 75 m mark from the start line.

**5.2.7.** The scheme of the site for the 100-Meter Obstacle Course is provided in Annex No. 10.

**5.2.8.** During official competitions, an anemometer (a device for measuring wind direction and speed) must be used on the sports field. For the 100-Meter Obstacle Course, it should be placed no more than 2 m from the first running track, at a height of 1.22 m from the ground and 50 m from the finish line. Wind speed is measured in meters per second, rounded to the nearest tenth of a meter per second in the positive direction (for example, a speed of +2.03 m per second is recorded as +2.1, and a speed of -2.03 m per second is recorded as -2.0). The anemometer must have a passport and a stamp from the state control organization certifying its verification and approval for use, indicating that it has passed the appropriate tests within the specified timeframes. Wind speed is measured from the moment of the Starter's pistol flash/smoke for a duration of 13 seconds.

### **5.3. Specifics of Conducting Competitions in Indoor Facilities – Requirements for Competition Venues**

**5.3.1.** Competitions are held in heated indoor facilities equipped with running tracks and a training tower for competitions involving Climbing on an Assault Ladder to the Training Tower and the 100-Meter Obstacle Course. It is recommended to conduct international competitions in specialized complexes with sports facilities featuring 2–4 running tracks.

**5.3.2.** The track for the 100-Meter Obstacle Course competition must be at least 115 m long (with at least 10 m after the finish line and 5 m before the start line). If it is not possible to provide the required distance after the finish line, soft stops must be provided to ensure the safety of the athletes.

### **5.4. 4x100-Meter Fire Relay Race with Obstacles – Competition Site**

**5.4.1.** The length of the track should be 400 m, with a width of at least 2.4 m. The running track is separated from the inner field by a curb with a height of up to 3 cm and a width of 5 cm, painted white.

**5.4.2.** The count of the tracks starts from the inner curb. All tracks are separated from each other by white lines 5 cm wide, applied to the outer side of each track. The width of the line on the right side of the runner's direction is included in the width of the track.

**5.4.3.** Measurements should be taken along the measurement lines, which are 30 cm from the inner edge of the curb for the first track and 20 cm from the adjacent inner line for the other tracks. The measurement of tracks is done using a metal tape measure.

**5.4.4.** On the running track, across its entire width and at a right angle to the curb, white lines marking "Start" and "Finish" are drawn.

**5.4.5.** For each leg, a 20 m relay handover zone is marked. It is bounded by two transverse lines 10 m forward and backward from the leg start line. At 10 m from the start of the handover zones for the 2nd, 3rd and 4th legs, transverse lines mark the start of the athletes' run-up. The width of the lines (5 cm) for the handover zone marking is not included in the zone's dimensions.

**5.4.6.** During the 4x100-Meter Fire Relay Race with Obstacles, the legs and relay handover zones are marked with conical stands at least 0.3 m high, placed along the width of the dividing line.

**5.4.7.** Each track includes the following equipment:

- a) **First leg:** At 30 m from the start, the front part of the sports cabin (cabin length is 4 m, height from the ground to the ridge of the roof is 2.5 m). The roof is gabled (length – 4 m, width of each roof slope – 1.5 m, slope angle 30°). Across the slopes, along their entire length, 0.2 m from the lower ends to the beginning, a beam with a width of 0.1 m and a height of 0.06 m is nailed. The base of the cabin is 2–2.4 m. At the end of the sports cabin, a horizontal platform with a length of 1 m, a height from the ground of 1.75 m and a width of 2–2.4 m is installed (for young men, male juniors, young women, female juniors and women, an additional second horizontal platform with a length of 1.3 m and a height from the ground of 0.9 m, a width of 2–2.4 m and a ladder attached to the cabin is installed).

The front part of the roof (on the start side) is cut out by 0.3 m on both sides from the ridge (to a depth of 0.05–0.07 m). It is recommended to use any hard (universal) covering on the working surface of the sports cabin that allows running in spiked shoes.

The finishing of the front wall of the sports cabin is done with wooden boards, plywood, etc. At the end of the cabin (platform) on the running track, a boundary line is applied. The scheme of the sports cabin (Annex No. 7.1);

- b) **Second leg:** At 50 m from the start of the leg – a sports fence with a height of 2 m (for young men – 1.7 m; for women, young women and female juniors – 70 cm).  
The scheme of the sports collapsible fence (Annex No. 9);

- c) **Third leg:** At 15 m from the start of the leg, two sports rolled hoses are installed. At 25 m from the start of the leg – the front end of the sports beam ramp. The length of the beam is 8 m, with a height to the upper surface from the ground of 1.2 m (for young women, female juniors and women – 80 cm). At the end of the horizontal part of the sports beam, a boundary line is painted in white across the track for its entire width. At 55 m from the start of the leg – the branching point. At 80 m from the start of the leg, a white line is painted across the track for its entire width to indicate the detachment of the trunk.  
Scheme of the sports beam (Annex No. 8);

- d) **Fourth leg:** At 20 m from the start of the leg, a fire extinguisher is placed. At 50 m to the front edge, a metal pan (with a metal thickness of at least 3 mm) with a length of 1.5 m, a width of 1 m and a side height of 20 cm is installed.

To protect the running track, the pan is placed on a stand (shield) made of any material. The height of the structure should not exceed 5 cm.

To prevent the possible spillage of flammable liquid from the pan onto the running track during its extinguishing, it is permitted to place a special non-flammable material lining under the pan stand. It is recommended to attach handles for carrying the pan by its ends.

The pan is filled with liquid in the following sequence and quantity (liters):

- Water – 30
- Diesel fuel – 2
- Automobile gasoline (AI 95) – 0.25

After each race, the pan is emptied of remaining liquid, rinsed and refilled with new portions of liquid. It is recommended to use 2–3 sets of pans for each competition.

**5.4.8.** Obstacles in the 4x100-Meter Fire Relay Race with Obstacles must be set up on straight lines so that the athletes' track runs parallel to the track marking lines. The sports fence is mounted along the normal line and the pan is installed along the normal line.

**5.4.9.** The dimensions and attachments of the other obstacles used in the 4x100-Meter Fire Relay Race with Obstacles correspond to the dimensions and attachments of the obstacles used in the 100-Meter Obstacle Course.

**5.4.10.** The scheme of the competition site for the 4x100-Meter Fire Relay Race with Obstacles is provided in Annex No. 7.

## **5.5. Firefighting Equipment**

**5.5.1.** The following requirements are imposed on firefighting equipment:

- a) Assault ladder: weight not less than 8.5 kg, length not less than 4.00 m, width 0.3 m ( $\pm$  5 cm), number of steps 13, hook projection not less than 40 cm. It is permitted to use a sports collapsible fence for climbing the training tower that meets the requirements of the Rules;
- b) Ladder for the sports cabin of the first leg of the 4x100-Meter Fire Relay Race with Obstacles: weight not less than 8 kg, length not less than 2.95 m, width 0.3 m ( $\pm$  0.05 m), number of steps 8 (steps may be round or rectangular; the working surface of the step may be covered with rubberized material); the stringers should not have welded construction modifications;
- c) Sports hoses (pair): linen, synthetic, etc., length not less than 19 m, width not less than 60 mm, weight not less than 5 kg (for male younger age groups, young women, female juniors and women – not less than 4 kg). It is permitted to use "ROT" metal and plastic couplings. The height of the sports rolled hoses (excluding couplings) should not exceed 35 cm. It is permitted to have attachments on the sports hoses that prevent them from falling when placed on the running track, which must be securely fastened to the sports hoses. It is forbidden to insert various rigid inserts made of different materials into the sports hoses that increase their height. The presence of sealing gaskets on the couplings is mandatory;
- d) Sports fire hose nozzle: length not less than 25 cm, weight not less than 0.4 kg, ribbon strap (cord) length not more than 0.5 m;
- e) Sports three-way branching: with one central valve and all couplings, on support stands (number of stands – not more than 4, stand diameter from 1 to 4 cm (without spikes)), arbitrarily placed on the running track. The distance from the lower prong of the couplings to the running track surface should not exceed 6 cm. The vertical plane of the half-nut to the horizontal of the running track should be at a right angle. It is permitted to use individual branchings that meet the requirements of the Rules. The use of branchings on the platform is excluded;
- f) Fire extinguisher (4th leg of the 4x100-Meter Fire Relay Race with Obstacles): powder fire extinguishers are used on the fourth leg, with a charge weight of  $5 \pm 1$  kg; the total weight of the fire extinguisher with the charge should not exceed 10 kg, certified by the manufacturer with a metal nozzle connecting the hose to the fire extinguisher.

## **5.6. Sports Base**

**5.6.1.** The administration of the sports base, along with the organization conducting the competitions, is responsible for the high-quality preparation of the sports base and the conduct of the competitions.

**5.6.2.** The administration of the sports base must ensure the best conditions for conducting the competitions and the participation of athletes in them:

- a) The number and sanitary condition of changing rooms and showers must comply with established hygienic standards;
- b) Designate and prepare areas for athletes' pre-start warm-ups;
- c) Determine and equip areas for the assembly and pre-start control of athletes;
- d) The competition venues must fully comply with the requirements of the Rules and be equipped with the necessary set of sports equipment, gear and facilities;
- e) The base must have the necessary approved means for checking inventory and equipment (scales, patterns, etc.);
- f) Measuring instruments and equipment must have a passport and a seal from the state control organization certifying their verification and approval for use, indicating that they have passed the appropriate tests within the specified timeframes;
- g) Shall sign the certificate of readiness of the sports base for competitions, ensuring order and safety for athletes, judges, spectators and other persons present at the sports base during the competitions;
- h) The sports base must be equipped with the necessary means to provide information to athletes, judges, spectators, representatives and the media (radio network, scoreboards at competition venues, stationary alphanumeric scoreboard, demonstration reports, signs, etc.);
- i) Provide the organizers and the Judging Panel with the necessary facilities for their work: a judges' sector on the tribune, rooms for judges, secretariat, meetings, award group, athlete admission commission, chief judge, press center, appeals jury, duplicating equipment, doping control, etc., with appropriate facilities, illumination, communication means, room signs, etc.;
- j) Provide participants and the Judging Panel with shelters from rain and sun;
- k) The sports base must have the necessary conditions for medical services for athletes and provide medical assistance to other persons present at the competitions;
- l) Ensure conditions for conducting doping control of athletes;
- m) The sports base must have a telephone network that ensures communication between the areas for athletes' preparation and performance, the secretariat, the press center and other facilities involved in the conduct of the competitions;
- n) The sports base must provide conditions for broadcasting the competition using television and ensuring the work of photojournalists;
- o) Before the start and during the days of the competition, the sports base must be decorated with flags, banners, slogans, greetings boards and other visual promotion materials (including advertisement);
- p) Provide the necessary equipment, apparatus and accessories for conducting official ceremonies;
- q) Be responsible for ensuring safety measures and maintaining public order;
- r) During the days of the competition, organize the operation of catering facilities for all participants, media representatives and spectators.

## 6. REGISTRATION OF RECORDS AND TOP ACHIEVEMENTS

### 6.1. General Provisions

**6.1.1.** A record is considered to be a result that exceeds the existing record in a particular fire sports discipline, achieved at the official World Championships, which are held by CTIF – The International Association of Fire & Rescue Services (hereinafter "CTIF") with strict adherence to these Rules.

**6.1.2.** The absolutely best result in a given fire sports discipline is registered as a record.

**6.1.3.** Records achieved outdoors and indoors are registered separately.

### 6.2. Determining Record Results

**6.2.1.** A result can be recognized as a record if it is achieved in preliminary competitions, semi-final and final races, as well as in re-runs conducted to determine individual placement (if the latter were conducted with precise measurement of results). The sports discipline in which this result is achieved must be specified in the Provisions of the competition.

**6.2.2.** The record of international competitions is fixed by an electronic timing system. The start must be given by a shot from a starting pistol.

**6.2.3.** Records of international competitions are registered only by automated timing. Results in the 100-Meter Obstacle Course (also counted in the double event), shown with a tailwind with an average speed exceeding 2 m/s in the direction of the run, cannot be recorded as records. The indicators of the record result must be immediately verified by the Chief Judge or his Deputy. Additionally, the firefighting equipment with which the record result was achieved must be checked.

The record in the double event is registered only based on the results of preliminary attempts in Climbing on an Assault Ladder to the Training Tower and the 100-Meter Obstacle Course.

**6.2.4.** The measuring instrument, electronic timing system, tape measures and other devices used to determine time, distance or weight, with which the record was registered and verified, must meet standardization requirements.

**6.2.5.** World, European and Asian records are registered if the following conditions are met:

- The competition is included in the Plan of the Main Sporting Events of **CTIF**;
- The Main Judging Panel is approved by **CTIF**;
- The Main Judging Panel includes an Inspector Judge appointed by **CTIF** who inspects the competition;
- The competition is conducted in accordance with the Rules, and reporting documents and certificates confirming the compliance of sports equipment and timing apparatus with the required parameters are provided.

### 6.3. Registering Records (Top Achievements)

**6.3.1.** All registered records are approved after the verification of materials by the Main Judging Panel.

**6.3.2.** To approve a record of international competitions, a special certificate in two copies (on a typographically printed form, in the format approved by **CTIF**) must be submitted to **CTIF**.

The certificate is prepared for each result that exceeds the existing record, even if this record was improved or repeated several times in one day by two or more athletes.

The following should be attached to the certificate:

- a) The original (working) report of the competition for the given discipline;
- b) Photo finish data, if an electronic timing system was used.

These materials must be sent by the organization conducting the competition to **CTIF** no later than 10 days from the date the record result was achieved.

The materials regarding the record result are submitted to **CTIF** for verification of their accuracy in accordance with the Rules and upon approval by the Conference.

**6.3.3.** If on the same calendar day at the same competition, in different preliminary or final races, two or more athletes achieve the same record result, all of them are considered record holders regardless of how many places are distributed among them. In the record table, the surnames of the record holders are listed in alphabetical order.

**6.3.4.** If two or more athletes in the same race achieve the same result, all of them are considered record holders, and in the record table, their surnames are listed in the order of the places they occupied in the record race.

**6.3.5.** If within the same calendar day, in different cities, several athletes achieve the same record result in any fire sports discipline, all athletes who achieved this result are considered record holders. In this case, the surnames of the record holders in the record table are listed in the order of the chronology of their achievements according to astronomical (absolute) time.