

REGULATIONS

on conducting the "ROBOTICS COMPETITION"

GENERAL PROVISIONS

1.1 These regulations establish the general rules for the organization, management, and conduct of all types of robotics competitions held in the Republic of Uzbekistan.

1.2 These Regulations serve as the primary document to be strictly followed in all stages and directions of the competition. All additional competition rules must not contradict these regulations.

1.3 The Regulations aim for the following goals:

- Developing scientific and technical creativity among youth and increasing interest in technology.
- Promoting innovative technologies.
- Preparing the youth of Uzbekistan for recognition on the international stage.

1.4 All matters not specified in these regulations shall be regulated through the specific competition rules (reglements).

COMPETITION ORGANIZERS

2.1 A special Organizing Committee is established to organize and manage the competition.

2.2 The Organizing Committee performs the following functions:

- Approving competition rules.
- Forming the jury (panel of judges).
- Resolving technical and organizational issues of the competition.
- Reviewing complaints and appeals.

2.3 The Organizing Committee is independent in its activities, and all decisions are final.

COMPETITION PARTICIPANTS

3.1 Participants of all ages interested in robotics and technology may participate in the competition.

3.2 Participants are required to provide identity documents to participate.

3.3 Each participant or team undertakes the obligation to comply with these regulations and the competition rules.

GENERAL REQUIREMENTS FOR ROBOTS

4.1 Robots must be safe, technically reliable, and fit for operation.

4.2 Technical parameters of each robot are provided in the specific rules, including:

- Maximum dimensions and weight.
- Requirements for power sources.
- Permitted materials and technologies.

4.3 Robots that pose a danger due to technical malfunction will be disqualified.

COMPETITION PROCEDURE

5.1 Competitions are held based on the rules approved by the Organizing Committee.

5.2 Participants and spectators must comply with the rules established by the Organizing Committee within the competition area.

5.3 All robots will undergo a technical inspection before the competition.

5.4 Only persons authorized by the Organizing Committee may enter the competition field.

JURY (JUDGES)

6.1 The jury is formed by the Organizing Committee and monitors compliance with the rules.

6.2 The jury performs the following tasks:

- Ensuring compliance with the rules.
- Making final decisions in disputed situations.
- Assessing participants' compliance with technical requirements.

6.3 The jury's decision is final and not subject to review.

COMPLAINTS AND APPEALS

7.1 Participants may submit complaints to the Organizing Committee in writing.

7.2 Complaints must be submitted within 10 minutes after the conclusion of the competition stage.

7.3 Appeals are reviewed by the Organizing Committee, and an appropriate decision is made.

PROHIBITED ACTIONS

8.1 The following actions are strictly prohibited:

- Using flammable, explosive, or damaging materials.

- Manual control or manipulation of robots during the competition.
- Using equipment not allowed on the field without permission.
- Creating private Wi-Fi networks in any form.
- Consuming or bringing alcoholic beverages into the competition area.
- Smoking inside the buildings.
- Any action that poses a danger to participants and spectators.
- Entering service areas without administrative permission.

8.2 Violators will be disqualified and removed from the premises.

SAFETY AND ORDER

9.1 Safety rules must be strictly followed.

9.2 Participants and spectators must follow the instructions of the Organizing Committee.

9.3 The Organizing Committee monitors compliance with safety measures.

9.4 All participants and visitors must:

- Maintain peace and order.
- Comply with legal instructions and use the facility with care.
- Not leave young children unattended.

ADDITIONAL RULES

10.1 Special rules will be announced via the official website.

10.2 The Organizing Committee reserves the right to make changes to the regulations.

10.3 For cases not provided for, the Committee's decision shall prevail.

ADDITIONAL CONDITIONS

11.1 Participants must provide necessary documentation upon request by authorized personnel.

11.2 Devices must be manufactured to prevent harm to people, other robots, or the facility.

11.3 Participants must wear their provided information badge throughout the championship.

SUMMARIZING RESULTS AND AWARDING

12.1 Winners are determined for each category.

12.2 1st, 2nd, and 3rd place winners will be awarded diplomas and souvenirs.

12.3 Special nominations and sponsor gifts may be provided.

12.4 Participation certificates will be presented to all participants and supervisors.

12.5 The Committee may expand the list of prizes.

ROBO SUMO COMPETITION RULES

Participant Age: 12–16 years

Devices: Optional

Competition Conditions

1.1 General State

- The competition takes place between two robots. The goal is to push the opponent out of the ring or render them immobile.
- The ring consists of a circular platform with a white surface and a black perimeter boundary line.
- A duel consists of **three rounds**; the team whose robot achieves **two victories** is the overall winner.

1.2 Starting a Round

- Upon the referee's command, both teams manually turn on or start their robots.
- Robots must remain **immobile for 5 seconds**, after which the duel begins.
- Manual control or intervention during the duel is prohibited.

1.3 Victory Conditions

- A robot loses if it completely exits the white ring.
- Victory is declared if the opponent's robot becomes immobile or fails to operate.
- If three rounds end without a result, the jury determines the winner based on activity and tactics.

1.4 Team Composition

- Each team may consist of **only one participant**.

Ring Parameters

2.1 Ring Dimensions

- Diameter: **1000 mm**.
- Boundary Line: **50 mm** wide, black color.
- Center Line: Two parallel lines with a distance of **300 mm** between them.

Robot Requirements

3.1 General Features

- Must be autonomous; any external control devices are prohibited.
- Max dimensions: Length, width, and height must not exceed **20 cm**.
- Weight: Must not exceed **1 kg**.
- Must not be equipped with sharp objects that could scrape the field or cut hands.
- No adhesive substances on wheels or the body to "stick" to the field.

3.2 Functional Restrictions

- Must be started only via a start button. Must wait 5 seconds before active movement.
- Elements designed to distract/confuse opponent sensors (side-opening wings, metal parts that break sensor signals, etc.) are prohibited.

3.3 Identification Requirements

- Robots must be marked with a numbered tag assigned to each team.

Duel and Round Rules

4.1 Round Duration

- Each round lasts a maximum of **60 seconds**.

4.2 Duel Result

- A round victory is recorded if the opponent is pushed out or becomes immobile.
- If all rounds end in a draw, an additional round is assigned. If the tie persists, the referee chooses a winner based on overall activity.

4.3 Robot Placement

- **Round 1:** Robots are placed facing each other.
- **Round 2:** Robots are placed side-by-side.
- **Round 3 (if needed):** Robots are placed in opposite directions (back-to-back).

Starting and Stopping a Round

5.1 Robot Placement

- Before the duel, robots are placed in the start zones marked by the central line.

5.2 Match Start

- Participants turn on robots after the referee's signal; movement starts after the 5-second delay.

**These regulations may be changed at least 30 days before the competition starts. Updated versions will be provided to all registered participants.*

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