

Q&A1_Online

For questions received by June 15, 2021.

Note that the Q&A is only intended to explain the game rulebook, and it is not the basis for the judgement in the game. The only basis for the game is the rulebook.

Please send your questions after carefully reading the Rulebook and express your meaning as clearly as possible. Thank you in advance for your cooperation.

If you can't find the answers for the question you submitted in ASK page of ABU Robocon official website, these questions may fall into following two situations:

- 1. The answer to the question can be found directly from the rulebook.**
- 2. They duplicate with other question.**

1 Terms and Definitions

2 Game Procedure and Competition Tasks

2.1 Game Facilities and Score Objects

Q2.1-1) What is the arrow made of ? carbon fiber tube solid or carbon fiber tube hollow

A: The Arrow Body is made of hollow carbon fiber tube.

2.2 Before the Game Starts

2.3 At the start of the game and during the game

Q2.2-1) Is it possible to use auxiliary equipment etc. when setting an arrow on the Arrow Racks in Rulebook 2.3c?

A: It is allowed to use no powered auxiliary tools for arranging Arrows on the Arrow Rack, providing that those tools should not damage the Arrows, and they must be removed from the game field immediately after setting arrows.

2.4 Tasks of Robots

Q2.4-1) In Rulebook 2.4.1 2.4.2, can TR and AR shoot arrows at the same time?

A: Yes, they can.

Q2.4-2) In Rulebook 2.4.2, can AR pick up an arrow from Arrow Racks?

A: It is allowed providing that the five (5) Arrows preloaded on TR and/or DR are used up.

Q2.4-3) Can AR receive arrows from TR directly?

A: No, it is not allowed.

Q2.4-4) The 5 arrows preload on the TR robot only. When the AR robot starts, can it immediately pick up the arrow on the arrow rack while TR throws the arrow?

A: No. AR must wait for TR to throw out the 5 preloaded arrows before taking the arrows from the arrow rack.

Q2.4-5) When 5 arrows are preloaded on both robots, if one robot has thrown all the arrows it is carrying, can that robot immediately take the arrows on the arrow rack? Does the robot have to wait until the arrows on both robots have all been thrown?

A: Yes, the robot must wait for both robots to throw out all the five preloaded arrows and then take the arrows from the rack.

Q2.4-6) Can AR retrieve arrows from arrow racks after arrows from previous arrow racks have been picked up by TR but not yet used?

A: Yes, it is allowed, providing that the arrow rack is not empty.

Q2.4-7) Can TR throw arrow at the same scoring spot but different pot before?

A: Yes, it is allowed. The Rule 2.4.1 in the ABU Robocon 2021 Online Rulebook does not restrict for it. Please pay attention to the differences between two rulebooks for real and online contests.

2.5 Retry

2.6 Scoring

2.7 End of the game

3 Deciding the winner

4 Robot

5 Violations

6 Disqualifications

7 Teams

8 Others

Q8-1) Appendix3 in the Online Game Rules says, some field facilities and scoring objects, such as the Pot Table, Arrow Rack and Arrow, can be ordered on ABU ROBOCON 2021 website. We wondered,

1. When will you start to sale the objects of ABU ROBOCON 2021?
2. Pot is not mentioned in the examples, will you sell Pot?

A: Due to the high logistics cost, we have decided not to sell ABU ROBOCON 2021 items except arrows. We suggest that you make them yourself to avoid high logistics expenses.