

**Skills Canada Mobile Robotics
Quebec 2024
Competitor Questions and Answers Document**

October

Oct.Q1:

Q: Do red balls need to go in the boiler first?

A: No. Only the end state of the game matters for scoring.

Oct.Q2:

Q: Snow Pile Orientation Question: Can snow be used upside down or sideways to qualify for delivery points?

A: Delivery points: orientation doesn't matter. Taffy points: points must be the original orientation. (Note: 6.3.2.2 top defined for taffy points)

Oct.Q3:

Q: What happens to taps that fall into the opponents court?

A: Up to the Judge to decide if they should be removed or not. See rule 3.3.6

Oct.Q4:

Q: Can teams use taps (dowels) to do things?

A: Yes. They are pieces available to use. But cannot be destroyed.

Oct.Q5:

Q: Can an autonomous bot extend beyond the vertical plane formed by the edges of the boiler?

A: No. See 5.4.5.2 and 6.3.2.1 "within the sugar shack boiler is defined by the vertical plane formed by the edges....")

Oct.Q6:

Q: Can teams use mostly assembled robots like the RoboMaster EP?

A: Yes, for now. New wording will be developed for future challenges.

Oct.Q7:

Q: Are teams allowed to gather the golf balls from the top of the tree? As in, are they permitted to somehow reach or suck the balls out of the top of the tree? (Without knocking the tree over, as that would be considered court damage)

A: Yes. As long as it is done without damaging the tree or the court.

Oct.Q8:

Q: Balls must be fully supported by the top plane of the snow pile (6.3.2.2). What happens if they are between the snow pile and the wall? Or between 2 snow piles?

A: "Bottom of the ball has to above the top of the snow pile."

Oct.Q9:

Q: What are the minimum requirements for a tele-op robot? How much autonomous functionality can a tele-OP entry have?

A: Tele-OP Robots can have autonomous features. Need to be under the active control of a driver. See section 1.1.1

Oct.Q10:

Q: Can a team drive tele-Op robots into the autonomous zone?

A: Yes.