

**Skills Canada Mobile Robotics  
Regina 2025  
Competitor Questions and Responses Document**

**September**

**Sept.Q1:**

Q: Team entry sizes: Section 8.2.1.2 says “Team entries may expand to a larger size once a game has started, up to a maximum size not exceeding a 30 inch square in the horizontal plane”, does this mean both robots combined or each individual robot?

R: Section 8.2.1.2 is meant to limit the maximum size of each robot/element in a team’s entry. This should be read as “Each robot/independent element may expand once the game has started to a maximum size not exceeding a 30 inch square in the horizontal plane”.

**Sept.Q2:**

Q: Can snowmen switch platforms during a match?

R: Snowmen can be on either snowman platform at the end of the match to count for snowman points. If they are on the snowfort platform, they will not count for snowman points.

**Sept.Q3:**

Q: How will robots be tested to ensure shooting/robot byproducts do not interfere with another team?

R: As per Section 5.1.3.2 “Snowballs are the only way a team can interact with their opponent.” This will be tested by having teams undergo the following “Interference” inspection:

- 3 snowballs will be placed in their opponents zone:
  - One snowball will be placed on top of a 9.5 inch post in the opponent’s autonomous zone, directly on top of the middle line stretching throughout the zone, in the middle of the court (width).
  - One snowball will be placed on top of the opponent’s “Autonomous-Teleop barrier”, in the middle of the court (width).
  - One snowball will be placed on the opponent’s court floor directly between the 2 snowfort platforms.
- The inspector will instruct the team to perform various actions from various positions and orientations that could include dry firing, movement or activating specific systems
  - This may be done without any snowballs being thrown

- If any of the snowballs in the opponent's zone are knocked onto the floor (those on the post or wall) or move along the floor, team's will have failed this test
- During inspection, this test will be run 3 times. Should a team fail 2 of these tests, they will not pass inspection.
  - Teams will not be permitted to compete until they can pass inspection.
- Teams may be subjected to reinspection throughout the competition

**Sept.Q4:**

Q: The link included in Appendix A brings us to an Indoor Snowball that is not available, or the link no longer works, what do we do?

R: We are using a standard Indoor Snowball, 7 cm in diameter, made from polypropylene material. There are a lot of different options for purchasing these, please make sure to note the size and material. For more guidance, or to ensure you are using the correct ones, please reach out to your NTC member.

Unfortunately, this is something we are aware of. We are actively compiling a list of links with the same Indoor Snowballs we are using. Should you need some help determining which ones are best to purchase for practice, please reach out to your Provincial NTC member.