

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

January

Jan.Q1:

Q: When the scope talks about not crossing walls, does it mean: "do not break the vertical plane of the inside of the wall" or "do not break the outside vertical plane of the wall? For example, could we use a dumping mechanism that rests on the center of the wall, but doesn't fully cross it.

R: Not crossing the walls means "do not break the vertical plane formed by the edge of the wall nearest the robot". This may be referred to the "vertical plane of the inside of the wall".

Jan.Q2:

Q: Can a team have Bluetooth control to ONLY turn on/off their autonomous robot for start and end of the match instead of manually doing it?

R: Yes, as long as there is no communication with the autonomous robot after the robot is initiated.

Jan.Q3:

Q: The NTC has noted an issue when testing the snow blocks and the taping of them. The issue surrounds the taping of the blocks without overlap, which has been noted to cause issues in maintaining the shape and tape coverage of the blocks, often becoming loose and requiring constant repair. Can we allow a single overlap to avoid these issues?

R: Yes. The NTC has decided that a single overlap of the tape will be used. This acts as a change to the note in Appendix A:

- Snow blocks will be covered in white duct tape such that:
 - Duct tape will be applied uniformly to each face of the block.
 - Duct tape that wraps around the edges will preserve the shape of the block.