

## Robotics – Questions and Answers

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**Q1:** Can a team use hydraulic systems on a robot?

**A:** No. Fluids of any kind are not permitted due to the risk of spillage, safety concerns and damage to the court. (From the NTC)

**Q2:** Can we build our own courts for the autonomous task?

**A:** Yes. However, if the provincial competition is an in-person event, teams must be prepared to use the court as described in the scope. If the competition is virtual, teams will need to demonstrate to the judge that their courts are the same dimensions as a court built using the Tetrix Competition in a Box components and that they gain no advantage using their own materials or components.

Here are the dimensions needed to make this court:

- Walls are fabricated 1/8" brown MDF
- The outside dimensions of the "squares" are 23 1/4".
- The walls are 5 1/8 tall (off the surface of the mat) when in the post.
- There is an .stl file for the posts in the scope section of the skills website.