

Q&A

VRC 2022-2023: Spin Up

Tagged: T23

Welcome to the official VEX Robotics Competition Question & Answer system, where all registered teams have the opportunity to ask for official rules interpretations and clarifications. This Q&A system is the only source for official VRC Spin Up rules clarifications, and the clarifications made here from the Game Design Committee (GDC) are considered as official and binding as the written [Game Manual](#) itself.

Please review the [Q&A Usage Guidelines](#) before posting. This system is only intended for specific VRC Spin Up rules questions.

- For event, registration, or other competition support questions, please contact your [REC Foundation Manager](#).
 - For VEX technical support, contact support@vex.com or sales@vex.com.
- For game questions, suggestions, or concerns outside of specific and official rules questions, contact GDC@vex.com.

1578: Location of Driver Station Posts and Field Monitor

28-Jun-2023

T22 T23 T24

I have not found a recommended location for field monitors and drive station posts either for portable field or metal competition perimeters. In past seasons, it was clear where to mount them.

This season - what are the recommended locations?

Answered by committee

Thank you for your question. Locations of field monitors and drive station posts are both considered modifications that may be made at the EP's discretion under rule [<T22>](#). If used, these locations must be the same across all fields of that type (head-to-head or skills) at that event.

1424: Vexnet tower replacements for portable fields using smart field control

3-Feb-2023

T21 T22 T23 T24

Hello

I am an EP and recently switched over to using the smart field control with portable fields. I am loving it so far except for the trip hazard/breakage due to the cable just being on the floor. I came across the forum post linked below and I was curious if any of these solutions would be legal. The one I like the most is the 3D printed mount to the field but I was not sure because it goes on the top surface of the field although the original tower goes on the top and into the field of play. Can you please advise if the tower clamped on or if the tower in the old game elements would be legal to use? If neither is legal what is the solution? I do not feel T21, T22, T23, T24 do not address this specifically. Thanks





Answered by committee

Provided these towers are freestanding or connect to the Field Perimeter in a way similar to the VEXnet driver-control posts (with minimal intrusion into the field and limited affect on game play), they would be legal for use at VRC and VEX U events.

If this modification is used, it must be applied to all Fields in the same set at an event (i.e., all Head-to-Head Fields and/or all Skills Fields), per rule [<T21>](#).

1363: T23 Mixed Field Types

4-Jan-2023

T23

[<T23>](#)

<T23> There are two types of Field Perimeter that may be used:

1. VEX Metal Competition Field Perimeter (SKU 278-1501)
2. VEX Portable Competition Field Perimeter (SKU 276-8242) See Appendix A for more details. If an event has multiple fields, then all fields of the same game type must use the same Field Perimeter type, in accordance with <T21> and <RSC6>. For example, it would be permissible for Head-to-Head competition fields to use metal Field Perimeters, and for Skills Challenge fields to use Portable Field Perimeters. However, it would not be permissible for one Head-to-Head field to use a metal Field Perimeter, while other Head-to-Head fields use Portable Field Perimeters.

At our next event we are running two Metal fields for head-to-head matches, and two Portable field for skills. During breaks we would like to allow the Metal qualification fields to be used for skills at a team's discretion - all four fields would be available to give skills more capacity.

Would this be an allowable exception?

Answered by committee

As noted in [<RSC6>](#), all Skills Challenge fields at a single event must use the same type of field control and field perimeter.

In order to use non-conforming Head-to-Head fields for Skills Challenge runs (e.g., during lunch), the following steps should be taken:

- Teams must be informed that the Head-to-Head Fields may have some differences from the Skills Challenge Fields (e.g., they might not have the GPS strips)
- Teams must be given an option to select which type of Field they want to use, i.e. they cannot be *required* to use the Head-to-Head Field for any Skills Challenge run