

Robot Inspection Checklist

Team Number: _____ Division: _____

Inspection Item	Rule #
<input type="checkbox"/> Team is only competing with ONE robot. They have no spare or replacement robots. Multiples of subsystem 3 is permitted.	<R1>
<input type="checkbox"/> Team testifies that the designing, building and programming of the robot was done only by the students on the team.	<R2>
<input type="checkbox"/> Robot displays at least one (1), clearly visible, VEX IQ Challenge license plates, or custom plates (of similar size) with the team number clearly written on them.	<R4>
<input type="checkbox"/> The Robot fits within the starting size of 11" x 19" x 15", bounded by the Starting Position.	<R5> <R6>
<input type="checkbox"/> Robot expansion is limited horizontally to a maximum of 11" x 19" (279.4mm x 482.6mm) area and 19" (482.6mm) high.	<G5>
<input type="checkbox"/> Robot is constructed ONLY from official Robot components from the VEX IQ product line and the mechanical/structural components from the VEX Robotics by HEXBUG product line. All rubber bands must be identical in length and thickness to those included in the VEX IQ product line. 1/8 th metal shafts from the VEX V5 product line are legal.	<R7> <R8>
<input type="checkbox"/> Any Robot decorations are nonfunctional and do not affect performance.	<R8>
<input type="checkbox"/> Robot installed VEX IQ Brain can communicate with the VEX IQ Controller and is properly paired using VEX IQ 900 MHz radio, VEX IQ 2.4 GHz radio, or VEX IQ Smart Radio.	<R9>
<input type="checkbox"/> Robot uses no more than (6) VEX IQ Smart Motors. Additional motors cannot be used on the robot, even ones that are not connected.	<R10>
<input type="checkbox"/> Robot uses no more than (1) single VEX IQ battery pack or (6) AA batteries. Additional batteries cannot be used, even ones that are not connected.	<R11>
<input type="checkbox"/> VEX IQ firmware (VEXos) is up to date. vexrobotics.com/vexiq/resources/vexos	<R12>
<input type="checkbox"/> No Robot parts have been modified with the exception of cutting metal VEX IQ or VEX V5 shafts to any custom length.	<R13>
<input type="checkbox"/> Robot does not have components that are intentionally detachable, pose an unnecessary risk of entanglement, or pose a risk of potential damage to the playing Field Elements or other robots.	<R14>

* Robot passes inspection when all check boxes are complete, and this form includes inspector and team signatures.

Final Inspection (Circle when passed)

Pass

Student team member accepts these inspection results and agrees that this robot was designed, built, and programmed by qualified students on this team, with little assistance from the adult mentor(s):

Team Student Signature: _____

Date: _____

Inspector Signature: _____

Date: _____