



# Robot Inspection Checklist



Team Number: \_\_\_\_\_

Team Name: \_\_\_\_\_

Grade Level: \_\_\_\_\_ Elementary School

Middle School

	Inspection Item	Ruling #
<input type="checkbox"/>	At the start of the match, the robot must only (1) contact the Floor, (2) fit within a 11" x 20" area, bounded by the Starting Position and (3) be no taller than 15". A Robot <b>may not expand beyond its 11" x 20" starting area constraint at any time</b> during the match.	<R4>
<input type="checkbox"/>	Robot is constructed ONLY from official <b>Robot</b> 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.	<R6> <R7> <R8>
<input type="checkbox"/>	Robot uses no more than 6 (six) VEX IQ Smart Motors. Additional motors cannot be used on the robot, even ones that are not connected.	<R11>
<input type="checkbox"/>	Robot uses no more than 1 (one) single VEX IQ battery pack or 6 (six) AA batteries. Additional batteries cannot be used, even ones that are not connected.	<R12>
<input type="checkbox"/>	Robot uses ONLY 1 (one) VEX IQ Robot Brain. Robot uses ONLY 1 (one) VEX IQ Controller to drive during Teamwork and Robot Skills Challenge matches.	<R10>
<input type="checkbox"/>	Robot installed VEX IQ Brain can communicate with the VEX IQ Controller and is properly paired using <b>VEX IQ 900 MHz radio, VEX IQ 2.4 GHz radio, or VEX IQ Smart Radio</b>	<R10>
<input type="checkbox"/>	No Robot parts have been modified.	<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>
<input type="checkbox"/>	Robot decorations are nonfunctional and do not affect performance.	<R8>
<input type="checkbox"/>	Robot displays, on 2 (two) opposing sides, clearly visible, the VEX IQ Challenge license plates with the team number clearly written on them.	<R3>

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

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: \_\_\_\_\_