



Robot Inspection Checklist



Team Number: _____

Team Name: _____

Grade Level: Elementary School Middle School

Division: _____

Inspection Item	Rule #
<input type="checkbox"/> At the start of the match, the robot must only (1) contact the Floor and Field Perimeter, (2) fit within a 11" x 19" area, bounded by the Starting Position and (3) be no taller than 15". A Robot may not expand beyond its 11" x 19" x 15" starting area constraint at any time during the match and must demonstrate how it will keep to this limit. Robots that can expand beyond this size will be permitted to pass inspection as long as the drive members agree to never drive in this configuration during a match and will accept responsibility for these actions.	<R4> <R5>
<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.	<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 VEX IQ 900 MHz radio, VEX IQ 2.4 GHz radio, or VEX IQ Smart Radio.	<R10>
<input type="checkbox"/> No Robot parts have been modified with the exception of cutting metal VEX IQ or VEX EDR 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>
<input type="checkbox"/> Any 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.

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: _____