

Check the box next to each rule when the robot is confirmed to be in compliance. Initial next to the word "Pass" above when the robot passes inspection.

Base Rules		Electronic Components		Open System Non-Electronic Components	
<input type="checkbox"/>	Robot is safe, and can't damage the field, people, or other robots.	<input type="checkbox"/>	Robot brain, motors, & controllers are only from the VEX V5® system as defined in rule 2.2. No VEX V5® electronics are modified.	<input type="checkbox"/>	Custom fabricated non-electronic components are documented in team's engineering notebook.
<input type="checkbox"/>	Robot starting size is no larger than 18" W x 18" L x 18" H.	<input type="checkbox"/>	Robot has at least one (1) VEX V5® Controller (maximum of 2) and at least one (1) VEX V5® Robot Radio.	<input type="checkbox"/>	Anti-static compound and non-aerosol based lubricants or grease are used sparingly and will not leave residue on field, game objects, or other robots.
<input type="checkbox"/>	Robot does not expand to more than 24" W and 24" L.	<input type="checkbox"/>	Robot has exactly one (1) VEX V5® Robot Brain and one (1) VEX V5® Robot Battery.		
<input type="checkbox"/>	Robot does not have parts or mechanisms that intentionally detach during match play.	<input type="checkbox"/>	Sensors are connected to and controlled by the VEX V5® robot brain.		
<input type="checkbox"/>	Official team number is clearly visible from two sides of the robot on securely attached, appropriately colored plates. Size of plates is between 2.48" H x 4.48" W and 3" H x 7" W, and less than 0.75" thick (see 2.2.3 for additional requirements).	<input type="checkbox"/>	Robot is easy to turn off / disable by using the power button or unplugging the battery.	<b>Questions for team members</b>	
		<input type="checkbox"/>	Custom fabricated electronic components are documented in team's engineering notebook.	<input type="checkbox"/>	Do you affirm that every element of your robot, including design, build, and programming, is solely the result of the effort of student team members?
Please have student team members briefly identify all electronics, pneumatics, and every custom plastic piece on the robot.		<input type="checkbox"/>	"Other electronics" fall into the categories listed below: <ul style="list-style-type: none"> <li>● Raspberry Pis</li> <li>● 12V pneumatic solenoids</li> <li>● Cooling fans</li> <li>● LED strip lights</li> <li>● Custom electronic devices designed by team</li> <li>● Other robot-to-robot communication methods</li> </ul>	<input type="checkbox"/>	Do you affirm that all custom plastic is designed or customized by student team members and made of only the legal material types described in rule 2.2?
<b>Pneumatic Components</b>				<input type="checkbox"/>	External lithium iron, lithium ion, or nickel metal hydride batteries are used only to power other electronics that are not VEX V5® parts, and may not exceed 13 volts each. Only one battery is allowed for each other electronics device.
<input type="checkbox"/>	All pneumatic components are rated for 100 PSI or higher. <i>Note: Pneumatic devices may only be charged to a max of 100 PSI during competition.</i>	<input type="checkbox"/>	Robot does not have modified pneumatic components other than tubes/wiring cut to length and minor cosmetic labels (rule 2.2.4).	<input type="checkbox"/>	
<input type="checkbox"/>	Robot does not have compressors or other forms of onboard pneumatic charging.	<input type="checkbox"/>	Robot does not have compressors or other forms of onboard pneumatic charging.		