

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		Non-Electronic Components		Electronic Components	
<input type="checkbox"/>	Robot is safe, and can't damage the field, people, or other robots.	<input type="checkbox"/>	Robot only uses structural / mechanical components from the below product lines: <ul style="list-style-type: none"> ● VEX V5® ● Robits® by AndyMark ● Pitsco Education TETRIX® MAX 	<input type="checkbox"/>	Robot is easy to turn off / disable by using the power button or unplugging the battery.
<input type="checkbox"/>	Robot starting size is no larger than 18" W x 18" L x 18" H.	<input type="checkbox"/>		<input type="checkbox"/>	All electronic components are only from the VEX V5® system as defined in rule 2.2.
<input type="checkbox"/>	Robot does not expand to more than 24" W and 24" L.	<input type="checkbox"/>	Misc. components follow below rules: <ul style="list-style-type: none"> ● Rope / string is no thicker than ¼" (6.35mm). ● Zip ties are plastic and no larger than 12" x 0.25". ● Tape is only used for cable management or labeling ● Cable carriers, hot glue, and cable track are only used for cable / tube management. ● Anti-slip drawer liner is smaller than 12"x15". ● Rubber bands are no larger than 8" x .25". ● 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"/>	Electronic components are not modified.
<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 (see 2.2.3 for additional requirements).	<input type="checkbox"/>		<input type="checkbox"/>	Robot has exactly one (1) VEX V5® Robot Brain and one (1) VEX V5® Robot Battery.
Please have student team members briefly identify all electronics, pneumatics, and every custom plastic piece on the robot.		<input type="checkbox"/>		<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"/>		<input type="checkbox"/>	VEX V5® Robot Motors do not exceed a combined total of 99W.
Pneumatic Components		Custom plastic and decorations		Questions for team members	
<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 has no more than twelve (12) total pieces of custom plastic, including both flat cut and 3D printed plastic. <i>Note: Custom license plates, 3D printed adapters, and 3D printed spacers are legal and not counted towards the custom plastic maximum.</i>	<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?
<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"/>	Flat cut plastic pieces are each no larger than 4"x12" in size and no thicker than 0.070". 3D printed plastic pieces are each no larger than 3" x 5" x 2" in size.	<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?
<input type="checkbox"/>	Robot does not have compressors or other forms of onboard pneumatic charging.	<input type="checkbox"/>	Decorations do not affect other robots.	<input type="checkbox"/>	Do you understand the game rules as written in the most recent volume of the game manual?