

# ROBO-CROSS A



## Checklist - 2019

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

Rank: \_\_\_\_\_

Student Names: \_\_\_\_\_

Tier/Final Score: \_\_\_\_\_

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1. The robot, batteries and transmitters are impounded before the start of the competition	Y	N
2a. The robot and control system are constructed from materials that do not present a safety hazard to the contestants, judges or spectators.	Y	N

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### Construction Parameters

2b. The robot is operated by radio control, control panel(s) connected by wires, or both. One transmitter/control panel per participant is used (maximum of two)	Y	N
2c. All radio control transmitters and receivers comply with FCC regulations. Transmitters and receivers use batteries as specified by their manufacturer.	Y	N
2d. All energy used to power the robot is derived from one or more commercially available batteries connected so that the total voltage does not exceed 9.6 volts.	Y	N
2e. Prior to starting the competition, the robot, excluding transmitter(s) and/or control panel(s) and connecting wires, fits into a 30 cm x 30 cm x 30 cm cube.	Y	N
<b>Is the robot free of any construction violations?</b>	<b>Y</b>	<b>N</b>

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### Competition Scoring

5.a.i Is the robot completely in Zone A at the end of the competition?	Y	N
5.a.ii Is the robot completely in Zone B at the end of the competition?	Y	N
5.a.iii Is the robot completely in Zone C at the end of the competition?	Y	N
5.a.iv Is the robot completely in Zone D at the end of the competition?	Y	N

	Zone C	Zone D
Number of Lego block assemblies in each zone:	_____	_____
Number of D-cell batteries in each zone:	_____	_____
Tennis ball location:	_____	_____

	Elapsed Time
Timer #1	_____
Timer #2	_____
Timer #3	_____

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