

## OCCRA Soccer Shootout - Inspection Sheet Team:

< <b>R1</b> > Only one robot at event; consists at least of a mobile drive base and control box.
< <b>R2&gt;</b> Team has an inspection form filled out by the team to give to Inspector.
< <b>R4&gt;</b> No dangerous mechanisms or parts that could cause harm to field, other robots, or people, or cause entanglement. No sharp edges, and a safe amount of ground clearance to not get stuck on the field. (¾" clearance is suggested, less will be scrutinized).
<b>&lt;</b> <i>R5</i> <b>&gt;</b> Robot fits within the 28" x 38" x 48" starting size. No part extends past the starting configuration more than 18", and does not extend vertically past the 48" starting limit.
<b><r8></r8></b> Robot does not weigh more than 115lbs, or 120lbs with pneumatics. Weight: (without) (with). Compressor must be on board to allow 120lbs.
< <b>R9&gt;</b> All parts used were either supplied in the KoP, fabricated from basic stock, or cost less than \$100 per part.
< <b>R11</b> > All parts manufactured using the approved list of tools.
< <b>R12.1</b> > Robot has an alliance flag holder securely mounted on, made with ½" PVC pipe, must be visible from all sides.
< <b>R12.2</b> > Team numbers visible from all sides with 4" minimum height.
< <b>R13.1&gt;</b> Robot only uses an approved compressor: The Thomas, the AndyMark 1.1 Pump, or the VIAIR 00090
< <b>R13.2</b> > Only tubing on the robot is either 1/8" or 1/4" diameter tubing.
<b><r13.3></r13.3></b> Pneumatic circuit is controlled with a pressure switch and relay, and has relief valve @ 120psi or lower.
< <b>R13.4&gt;</b> All working pressure of actuators must be limited to a maximum of 60psi via regulators with a visible gauge. Actuators must be controlled by a relay and solenoid.
< <b>R13.5&gt;</b> The pressure relief valve must be connected to the accumulator tank(s) and easily accessible.







Inspector Name: \_\_\_\_\_

Inspector Signatu	ıre:
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Student Representative Name: \_\_\_\_\_

Student Representative Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Event #: \_\_\_\_\_



