	At Home Inspection Checklist		Rev 0
	M NUMBER:	INSPECTOR:	
	TALS (after passing):	DATE (after passing):	
A ROBOT is expected to comply with rules in Section 9 and 10 of the 2021 INFINITE RECHARGE Game Manual. Rules not explicitly called out on this checklist are still expected to be followed.			
<u>Self-</u>	ROBOT Weight (must be <= 125 lbs (~56kg) Starting Configuration – Parts may not exten Starting Volume – FRAME PERIMETER = 45 in. (~114 cm) <r3> ROBOT Height = Playing Configuration – ROBOT may not extension</r3>	data requested in the spaces provided.  excluding bumpers and battery). <r5> ROBOT =</r5>	TER. <r2> cm) and not taller than in. (~30 cm) <r4></r4></r2>
	No Unsafe Energy Storage Devices - carefull	participants, robots, arena, or field. <g23, <ol="" consider="" energy="" g26,="" of="" or="" pneumatic="" r'="" r6,="" safety="" stored="" systems="" y=""> <li>electronics or sensors, be in spirit of "Gracious Profes</li> </g23,>	<r8, r39=""></r8,>
	Other Batteries – Integral to COTS computing max output per port used for COTS computing PDP Visibility – The single PDP and PDP break Main Breaker Accessibility – the single 120 A Allowable PD Breakers - Only VB3-A, MX5 the PDP < R50 > Robot Radio – A single OpenMesh OM5P-AN VRM must connect to the dedicated +12 volt of CAN BUS – The roboRIO and PDP must be converted to the Robot	A main breaker must be readily accessible with labeling propertion. A or MX5-L Series (40A or lower), Snap-Action breaker N or OM5P-AC radio must be powered via a VRM +12 vertical to the PDP. Radio LEDs are visible. A connected via CAN wiring even if no other CAN devices a must be connected to dedicated power terminals on PDP. A cet the wiring conventions for main and branch wiring in Fooded - red, white, brown, yellow, or black w/stripe for +2 (negative) for supply return wires <r55> are max. 1 in. stroke and no greater than 10 watts@12V cet meets rules in <r29, &="" 9-2="" r30="" table=""> ectronics - cannot directly control speed controllers, relayer.</r29,></r55>	at 5V) and 2.5Amp referred. <r43> rs may be inserted in bolt, 2 amp output. The f8, R64&gt; re used. fR46&gt; fR40, Fig.9-10 and R53. fr4, +12, +5 VDC supply continuous duty <r27> rs, actuators or servos.</r27></r43>
	Compressor - Only one (on robot only) KOP, Compressor Control – A Pressure Switch mu All pneumatic devices must be unmodified, m All pneumatic system gauges, regulators, tubi er On Check (Driver Station must be to Confirm Pneumatics Operation – Meets requipressure. Robot Signal Light(s) - Confirm that the RSL	nirements in Section 9-9 for max pressure, compressor op flashes in sync with roboRIO. <r65>.</r65>	& Table 9-2, R79> mpressor. <r85> in Section 9-9. s in Section 9-9. eration and vent</r85>
We, th	Software Versions – The roboRIO image (FR-Power Off – Disable robot and open Main Bre pneumatic vent plug valve and confirm that all materials of the Team Mentor and Team Captain, attest by our	eam has programmed the Wireless Bridge at kiosk for this C_2021_v3 or later) and DS (21.0 or later) must be loaded aker to remove power from the robot, confirm all LEDs at pressure is vented to atmosphere and all gauges read 0 psets of the product of the product of our team's ROBOT was built by our team's MAJOR MECHANISMS are products of our team's work.	d <r57 &="" r88=""> re off, actuate si pressure.</r57>
Team	Captain:	Team Mentor:	