TEAM NUMBER:		INSPECTOR:			
INITIALS (after passing):		DATE (afte	er passing):		/
		FINAL INSPECTI			
Initial Inspection			101 ( (IIII (III )		
Weight -	<u> </u>				
	Weight (<= 120lbs excluding bumpers, mi	nihot and hattery) < R11	15		pound
	Weight (= 12010s excluding bumpers, increweight (Bumpers must be <= 20 pounds				pound
	in a 28"x38"x60" rectangular volume <r< th=""><td></td><td>Total Finals Weight</td><td></td><td></td></r<>		Total Finals Weight		
	mpers - must follow all specifications	117	Total Tillals Weight		pounds
	ist provide complete protection of the FRA	AME PERIMETER with	h no openings. <r07.< td=""><td>A&gt;</td><td></td></r07.<>	A>	
	s must be $\geq 6$ " as defined by backing and				
	segment may be unsupported by robot fram				
	ay have gaps between frame and bumper u				
	must be protected by bumpers on both side		dles within corners. <	:R07.C >	
☐ Must use ¾	'thick x 5" tall plywood backing and a pa	ir of vertically-stacked	2.5" pool noodles with	h no extranc	eous holes
	ect structural integrity. (clearance pockets		acceptable). <r07.f< td=""><td>&gt;</td><td></td></r07.f<>	>	
	lurable fabric cover for the noodles. < R07				
	ither complete sets of both blue and red be			T logo) or b	e able to
	ge bumper color between red and blue over				_
	er displayed with 4" tall x 3/4" stroke, on the	ne bumpers, 4 locations	at approximately 90 c	leg spacing	, in
	color or background. <r9></r9>	11 6			
	urely mounted when attached and be easil			DED ZONE.	
	t floor, bumpers must reside entirely in re	gion between 1" and /"	above floor. <bump< td=""><td>'ER ZUNE</td><td>&gt;</td></bump<>	'ER ZUNE	>
Mechanical T.			/ 1 17 / 01 17	<b>D</b> 04	
	ges, or Protrusions that pose a hazard f				
	d Materials – e.g. sound, lasers, noxious				
	nergy Storage Devices - carefully consident amage to Other Robots - e.g. spearing, e			<r01.d></r01.d>	
	<b>amage to Guler Robots</b> - e.g. spearing, e			R6>	
	• Cannot interfere with other robots' electr				he in spirit
	Professionalism". <r2.a &="" c,="" r15=""></r2.a>	omes and sensors (parti	ledially via color disti	action) and	oc in spirit
	Cost must not exceed \$3500 of additional	components with no sin	igle component > \$40	0. <r18. r<="" td=""><td>19. R82&gt;</td></r18.>	19. R82>
	- Prominently and proudly display the tear				
	eyond FRAME PERIMETER - No robot				
STARTING (	CONFIGURATION. Introduction & <r1< th=""><td>4&gt;</td><td>•</td><td></td><td></td></r1<>	4>	•		
FRAME PEI	RIMETER – Frame must be non-articulat	ed. Introduction and < R	12>		
	<b>iguration</b> – Robot may not extend beyond				
Game Piece l	Retrieval – Game pieces must be capable	of removal from robot v	without power. <r17></r17>	>	
<b>Electrical</b>					
Components	- None may be modified, except for motor	or mounting, motor wire	s may be trimmed, wi	indow moto	or locking
pins may be r	emoved, and certain devices may be repair	red with parts identical i	in specification and p	erformance	to the
_	47, R55.M, R93>				
	y a single MK ES17-12 battery or a single		ermitted on robot. Bat	tery must b	e securely
	bot frame structure, belt or strap recomme			<b>. . . .</b>	D.0.5
	Electrical components must be mounted se				R37>
	ttery Terminals and connecting lugs - m				∠D27 C>
	r Accessibility – the single 120A main br D Breakers - Only 20, 30 and 40 Amp Sna				<n37.u></n37.u>
	- the wireless adapter must be powered vi				arad by the
	volt connector on the PD. Radio must be				sied by the
	bey the wiring size conventions.	mounted so that it s Li	DDs are visible (130.1	J & R337	
	wire from battery to PD have min #6 AW	/G (4 11mm) wire <r37< td=""><td>7 F&gt;</td><td></td><td></td></r37<>	7 F>		
	amp breakers have min #12 AWG (2.052)				
	amp breakers have min #14 AWG 1.628n				
	amp breakers have min #18 AWG (1.024)				
	- must be color coded - red/white/brown/b		-12, +5 VDC supply v	vires and bl	ack/blue for
supply return		•	11 7		

## **Team Compliance Statement**

all pressure is vented and all gauges read 0 psi pressure.

We, the Team Mentor and Team Captain, attest by our signing below, that our team's robot was built after the 2011 Kickoff on January 8, 2011 and in accordance with all of the 2011 FRC rules, including all Fabrication Schedule rules. We have conducted our own inspection and determined that our robot satisfies all of the 2011 FRC rules for robot design.

Power Off – remove power from the robot, confirm all LEDs are off, actuate pneumatic vent plug valve and confirm that

Team Captain:	Team Mentor:	