TEAM NUMBER:________        INSPECTOR:_________________ ________
INITIALS (after passing):__________________  DATE (after passing):_______/_____/______

Initial Inspection
____ Weight  <= 15lbs <R91> ___________ pounds
____ Size - Fits within a 12” x 12” x 12” rectangular volume. May not exceed this volume at any time during match  Check all configurations. <R91>

Mechanical
____ Minibot Mechanisms – All mechanisms that can be mounted on minibot during match play must be present at the time of inspection. <R95>
____ No hazardous materials – Check for leaking battery, noxious fumes, or lasers. <R02>
____ Mechanical Safety Check – Check for sharp edges, pinch points and projections. <R04>
____ No Unsafe Energy Storage - carefully consider safety of any polycarbonate springs or surgical tubing used. <R01.D>
____ Decorations - Cannot interfere with other robots’ electronics and sensors and must be in spirit of “Gracious Professionalism”. <R2.A & C, R15>
____ TETRIX Components – Only TETRIX components not in violation of other rules, and listed on Approved TETRIX Parts list www.usfirst.org/frc/competitionmanual  <R92.A>
____ Minibot Retrieval – Minibot must be designed such that it can easily be removed from tower. <R94>
____ Materials – No materials other than those permitted. <R92>

Electrical
____ Components – Repaired with identical components only. <R55.M, R93.B>
____ Motors – Modifications only to mounting brackets and output shafts to facilitate physical connection. Electrical leads may be trimmed.  May use TETRIX thermal protection wire set.<R47>
____ Motors/Servos - no more than two motors (PN W739083/W739023) and an unlimited number of TETRIX servos.<R92.B>
____ Battery – no more than one 12V rechargeable NiMH battery pack identical to those supplied in the FTC kit of parts (PN W739057) except the 20A fuse may be replaced with an equivalent type of lower amperage <R92.C>
____ Motor Controllers - No more than one HiTechnic DC motor controller. <R92.D>
____ NXT Controller - No more than one NXT controller. <R92.E>
____ NXT Controller - Bluetooth functionality disabled. <R92.E>
____ Limit Switches and Light Switches – Any number of limit switches, no more than two common household light switches Light switches may have handle and mounting brackets modified.<R92.M, R92.N>
____ Sensors – NXT Compatible sensors and related connectors/cables <R92.BB>

Team Compliance Statement
We, the Team Mentor and Team Captain, attest by our signing below, that our team’s minibot 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 minibot design.

Team Captain:______________________________  Team Mentor:______________________________