

EV Challenge Mechanical Inspection

Vehicle # _____ School Name _____

Tire Make and Size: _____

#	Inspection Item	Vehicle Specification #	Yes / No/ N/A
1	Current State Inspection Sticker	I.D.	Yes / No/ N/A
2	Vehicle Controls and Running Gear are Appropriate	V. A-B	Yes _____ No _____
3	Suspension is Stock (Appropriate Modifications Allowed)	V.D.	Yes _____ No _____
4	DOT-Approved Tires (Modified -- DOT approved competition tire ok)	V.E.1.	Yes _____ No _____
5	Tire Load Rating Adequate	V.E.1.	Yes _____ No _____
6	Tire Pressure Correct	V.E.2.	Yes _____ No _____
7	Tire Pressure, Tread, Compostion Appropriate	V.E.2, 3, 5	Yes _____ No _____
8	Steering Mechanism Stock and Functions Properly	V.F.	Yes _____ No _____
9	Brake Pedal and Design Appropriate	V.G.1.	Yes _____ No _____
10	Parking Brake Operative	V.G.2.	Yes _____ No _____
11	Throttle is Free-Moving	V.H.	Yes _____ No _____
12	High Speed Components Shielded as Necessary	V.I.	Yes _____ No _____
13	Drivetrain Compartments Separate and Isolated	V.J.	Yes _____ No _____
14	Vehicle Body Stock	VI. B.	Yes _____ No _____
15	Roll Bar Installed in Convertible or Open Cockpit Vehicle	VI.E.	Yes / No/ N/A
16	Doors, Trunk, Hood Latches Operative (Modified Class doors sealed ok)	VI.F-G.	Yes _____ No _____
17	4" Minimum Ground Clearance (or documentation for otherwise)	VI.H.	Yes _____ No _____
18	Driver Visibility Adequate	VI.J.	Yes _____ No _____
19	Windows Appropriate for Class; Functional Windshield Wipers	VI.K.	Yes _____ No _____
20	Appropriate Mirrors Present	VI.L.	Yes _____ No _____
21	Appropriate Lights for Class	VI.M.	Yes _____ No _____
22	Horn Functioning	VI.N.1.	Yes _____ No _____
23	Backup Alarm Functions	VI.N.2.	Yes _____ No _____
24	Speedometer Functions; Dash Stock (Modified -- may be altered)	VI. P.	Yes _____ No _____
25	Minimum 5 Pound ABC Fire Extinguisher Secured and Charged	VI.Q.	Yes _____ No _____
26	Front Passenger Seat Present (Modified -- may be removed for weigh-in)	VI.R.	Yes _____ No _____
27	Lap and Shoulder Belts Appropriate and Function Correctly	VI.S.	Yes _____ No _____

Notes and explanation of any "No":

Penalties may be assessed for failure to comply with these specifications.