EV Challenge Electrical Inspection

Vehicle # _____ School Name _____

#	Inspection Item	Spec. #	Yes / No / N/A	
1	Max. Battery Pack Voltage -- Car/Truck -- 96; Modified -- 156; All Lead-Acid	III.A.1-2	Yes ____	No ____
2	Battery Frames/Containers Appropriate	III.A.3	Yes ____	No ____
3	Battery Ventilation Operates When Necessary (if Applicable)	III.A.4.	Yes / No / N/A	
4	Battery Disconnect Operable, Labeled Properly, and Accessible To Driver	III.A.7.	Yes ____	No ____
5	Car/Truck Only -- No Batteries in Front Passenger Area	III.A.8.	Yes / No / N/A	
6	Battery Fuse is Correct Rating and In Correct Location (500 amp max fuse for vehicles with controllers up to 700 amps; 800 amp max fuse for vehicles with controllers up to 1200 amps; fuse located near middle of battery pack)	III.A.9.	Yes ____	No ____
7	DC Motor; Multiple Motors Allowed in Modified Only	III.D.		
8	Car/Truck -- 600 Amp Controller Max; Modified -- 1200 Amp Controller Max; No Controller Bypass Allowed in Any Class	III.E.	Yes ____	No ____
9	Electrical Conductors Sized and Shielded Properly	IV.B, C, E	Yes ____	No ____
10	Electrical Conductors Routed Properly	IV.D.	Yes ____	No ____
11	All Appropriate Electrical Terminals Properly Insulated	IV.F.	Yes ____	No ____
12	High Voltage Signs Used Where Appropriate	IV.H.	Yes ____	No ____

Notes and explanation of any "No":

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