NECA High School Competition

Inspection Check Sheet 2018

Stock Open If Stock, price list received? Yes No Car Number:	
Car Number:	
Drivers Names:	
Inspector #1: (Driver/Car Structure an Specs)	d
Driver	
 Helmet: 1985 or more recent Snell specifications (Rule 4, Sec. 4, Art. 1) The driver has goggles, a full face mask, face shield, or safety glasses. Racing garment (long pants, long sleeve shirt), upper and lower must overlap. Signed liability release Shoes Driver's License Number: (if available) Driver weight with ballast (160 lbs. minimum): Ballast may not be performance enhancing Communication device/data loggers do not count as ballast. Ballast must be removable from car. Roll bar must be no less than 2" above helmet (no slouching!!!) Driver must exit the car unaided. 	
 Vehicle 3 or 4 Wheels Turning circle less than 15.5 meters Axles and spindles 1/2' (12mm) diameter or greater if unsupported at both ends Body Shell No Sharp/Exposed Edges (doesn't say exposed, but seems common sense Rule 2, Sec. 2, . Vehicle Numbers are 15cm tall (6") on both sides of the car. Minimum track width of 90 cm. Maximum vehicle width of 1.5 m Maximum vehicle length of 4.0 m Minimum ground clearance of 1.5" Vehicle weighs minimum 100 lbs. without driver, ballast, radio, or batteries. Tires: Minimum 30 cm diameter, Maximum 70 cm diameter. Must be inflatable. Inflation pressure not to exceed recommended by more than 10% cold with no DOT labe DOT label, not by more than 15%. Safety wire or cotter pins used on wheel nuts. – Axle ends must be tapped. Two wheels must be braked. Inspect crucial fasteners/fittings for security. Inspect overall structural integrity and stability of car. 	
Brake Test: Fail Pass	

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School Name: Rac	ce Date:/	'/	/	
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Inspector #2: (Electrical Equipment/Inside Car)

- □ Two isolation switches or one switch with two actuators, one inside and one outside.
 - The switches or actuators (internal and external) must be marked so that anyone can turn them to the OFF position.
- Wiring system well insulated
- **u** Fuse or circuit breaker between battery and motor.
- U Wiring must be securely attached to the body or frame.
 - It doesn't specify to negative terminal.
- □ Electrical connections taped or covered.
- Batteries securely mounted, boxes mounted to frame.
- Battery Type: (at ambient temperature)
 - U Werker WKA12-55P/FR
 - U Werker WKDC12-55C/FR-FA
 - Optima 35 (Red Top)
 - Optima D35 (Yellow Top)
 - Optima SC25A
- Last years batteries are legal for one more year as long as they are not heated.
- **5** point harness, 3" straps, 2" crotch strap
- □ Roll Bar: must be capable of lifting by belts alone.
- Roll bar braced forward or rearward to the frame.
- All gears, chains, drive belts, sprockets are protected with guards.
- Driver's mirrors on both sides and provide a clear view rearward.
- Driver has good visibility and field vision.
- Driver seat attaches to sub-structure connecting to the roll cage or frame.
- □ All gears/belts are guarded.

Inspector Comments: