2007 Scrutineering

Tasmanian Solar Car Challenge 2007 Entry and Scrutineering Form

Please	print clearly.		
Schoo	Name:		
Car N	ame: 1	umber:	
	are that this vehicle has been designed and built by me (and my gulation and I/we agree to abide by the Regulations.	r team) as required by	
Signed	l: Date:		
Team	Member 1:		
Team	Member 2:		
	Member 3:		
	Member 4:		
	er/Parent:		
Solar .	Array Type: Model No		
Motor	Manufacturer: Model No:		
	Official use only below. Panel Watts Tested: Pa		
	Regulation	Tick/Details	
8.1	Chassis or body not commercially made		
8.2	Car within size: 650 long, 320 wide, 180 high. (mm)		
8.3	Approved commercially available silicon photovoltaic cells.		
8.4	Solar array power no more than 12 Watts.		
8.5	No energy storage system, no capacitors larger than 0.2 farad	i.	
8.6	Solar array easily removable from car.		
8.6	Solar array not part of chassis, cabin or side panels.		
8.6	Only switches and wiring attached to solar array.		
8.7	Car stable and move freely with Solar array removed		
8.8	Solar panel wiring visible. Diag. Provided. Single connection	ns.	

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8.9	Solar panel cover provided.
8.10	Solar array total weight required =(Watts-6)x175+600gms.
8.11	Ballast weight required.:- (minimum array weight = 600gms.)
8.12	Marked ON/OFF switch on top or LHS. Less than 20mm high.
8.13	Car wiring visible. Block diagram supplied.
8.14	Motor Manufacture & Number present
8.15	Wheels: Width >1mm, or Radius >0.6mm
8.16	Reliable external guide mechanism. (Not single peg)
8.17	Rigid chassis with all components attached.
8.18	Cargo area under solar array and behind driver's cabin
8.18	Floor and car capable of carrying two full 1 litre milk cartons.
8.18	One carton carried transverse to the direction of travel.
8.19	Rigid side panel min. 120mm long x 75mm high on each side.
8.19	Side panels within 20mm vertically and 15mm horizontally.
8.20	Visible School and Car name in 10mm high letters.
8.22	Enclosed and sealed cabin at front, egg vertical.
8.22	Transparent 25mm windscreen, only two 4mm frame members.
8.22	Space around driver. Driver visible from front and sides.

Car Meets Race Requirements	YES	NO	Car No	

(Signed)

Total race weight_____

Panel Weight_____

Ballast Weight_____

Additional comments: