

CLASS 1. NATIONAL CHAMPIONSHIP CLASS. DESIGN AND SAFETY RULES.

2010

N.1 N.1.1	APPLICATION OF RULES: The rules and regulations are intended, as far as reasonably possible, to ensure the safety of competitors and spectators. They must therefore be interpreted in that spirit. In all matters relating to these rules the decisions of scrutineers and event organisers will be final.
N.2	DIMENSIONS AND WEIGHT:
N.2.1	Maximum length 2300mm
N.2.2	Maximum width 1100mm
N.2.3	Minimum track width 900mm
N.2.4	Minimum wheelbase 1300mm
N.2.5	Minimum wheel diameter 200mm
N.2.6	Maximum wheel diameter 670mm
N.2.7	Minimum tyre width 35mm
N.2.8	Maximum weight of vehicle driver and ballast 150kg
N.2.9	Minimum height of driver's eyeline 700mm
N.3 N.3.1 N.3.2 N.3.3	WHEELS: Vehicles must have at least 4 wheels. The wheels must all remain in contact with the ground during normal running. The wheels must be fixed to a minimum of two axles, or when stub axles are used these must be employed in opposed pairs.
N.4 N.4.1 N.4.2 N.4.3	BRAKES: The vehicle must have braking on at least 2 wheels on the same axle. The brakes must be capable of holding the vehicle on a dry horizontal road surface, when laden with driver and ballast, against a horizontal load of 500 Newtons (50kg) exerted on the front towing eye. The brakes must be designed such that failure of the brake operating on one wheel does not result in complete failure of the braking system.
N.5 N.5.1	STEERING: Must not have excessive free play or any characteristic tending to promote instability.
N.6 N.6.1	DRIVING POSITION: The driver will ride alone, feet first.
N.7 N.7.1 N.7.2 N.7.3 N.7.4 N.7.5 N.7.6 N.7.7 N.7.8 N.7.9	BODYWORK AND DRIVER SAFETY: There must be no sharp edges or protrusions either inside or outside the vehicle. No glass, Perspex or other materials that would shatter or cause injuries to drivers and spectators in the event of a crash can be used in the construction of the vehicle. Any steering column, brake lever or other protrusion must be designed and fitted such that puncture injuries cannot happen. Bodywork and controls must not impede the driver in exiting the vehicle unaided. Any doors or hatches required for driver access must be readily operated from both inside and outside the vehicle without the use of tools. Vehicles must be fitted a towing eye at the front. This must be made of steel bar of between 6mm and 8mm diameter and have a minimum internal diameter of 12mm. The towing eye must be positioned to allow the tow rope to pass freely to the rear of the vehicle without fouling the steering or braking systems. A substantial diagonally braced rollover bar must be fitted such that it extends a minimum of 35mm above the driver's helmet. A second bar must be fitted at least 25mm over the driver's hands when these are at the 12 o'clock position on the steering bar or wheel. A four-point seatbelt is required.
N.8 N.8.1 N.8.2	BALLAST: Any removable ballast must be water only, contained in one or more closed flexible plastic tank. Any ballast containers must be fixed securely to the vehicle.
N.9 N.9.1	CLOTHING: Drivers must wear modern motorcycle safety helmets, suitable protective clothing gloves and robust footwear.
N.10 N.10.1 N.10.2 N.10.3	SCRUTINEERING: There will be a mandatory inspection of all entered vehicles. Any vehicle not presented for inspection, or deemed unsafe will not be allowed to compete. The inspection will take place at a time and place determined by the organisers.
11 N.11.1	SPORTING RULES: The Sporting rules will be determined by the organisers of individual competitions to take account of local conditions