

# Regulations

# Top Methanol Funny Car



**Nitroz AB**

Version 2025-E #03



Content ..... 2

Tables ..... 4

Chassis ..... 4

Brakes ..... 4

Drivers ..... 4

Electrimotion ..... 4

Drivetrain, Clutch ..... 4

Engine ..... 5

Vehicle ..... 5

## About Nitroz Motorsports

Nitroz Motorsports supports individuals, businesses, and clubs in the administration of all types of motorsport activities in Sweden, including training sessions and competitions for cars, motorcycles, and boats.

Nitroz Motorsports provides an insurance solution based on license management and a regulatory framework for both training and competition. This insurance covers organizers, participants, officials, and spectators.

Nitroz Motorsports is affiliated with the SFI program.

The main website for administration is [www.nitroz.se](http://www.nitroz.se).

You can reach us by email at [info@nitroz.se](mailto:info@nitroz.se) or by phone at 08-711 55 60.

Our office is open on weekdays from 09:00 to 17:00, with a lunch break from 12:00 to 13:00.

**Nitroz AB**  
**Annelundsvägen 14**  
**S-141 44 Huddinge**

## Tables

§401	<b>Chassis</b>	If Professional Racing Category and Pro Alcohol Funny Car, then complies with SFI 10.1C or later version.	Mandatory
§402	<b>Brakes</b>	Carbon Fibre Rear wheel hydraulic brakes, utilising carbon fibre rotors and carbon brake pads on both rear wheels.	Mandatory
§403	<b>Drivers</b>	Helmet - Environmental air breathing systems.	Allowed
§404	<b>Electrimotion</b>	Electrimotion Shut Down System must be installed and operational to utilise the following functions: Fuel shut off, Ignition shut down and Parachute release devices must be functional.	Mandatory
§405	Electrimotion	The use of a momentary button to be driver actuated to override the Electrimotion safety shut down system may be fitted.	Allowed
§406	Electrimotion	Electrimotion is not to be used as the primary activation of parachute (referred to as "driving into the chutes". This is not the intention of the system; this is for emergency situations to provide a secondary back up when a driver is incapacitated. Drivers should always be responsible for the activation of the chutes, fuel and ignition shut off under their own actions. Drivers should always operate the vehicle naturally and not rely on automation. Nitroz Technical can at any time review/request your data to ensure that ELECTRIMOTION is used appropriately. Penalties will be put in place of the ELECTRIMOTION system is not used correctly to the manufacturer's instructions.	Mandatory
§407	Electrimotion	Safety shut off controller kit must be properly installed per the manufacturer's instructions. Modifications or tampering prohibited.	Mandatory
§408	Electrimotion	As per regulation §406. It is important to note that unsafe driving practices will be enforced at all events. Any driver in which is deemed to be in breach of the rule.	Mandatory
§409	<b>Drivetrain, Clutch</b>	If a two-stage clutch system which includes a lock-up function is used, it must employ no more than six pressure plate fingers, which have a maximum of two finger heights.	Mandatory
§410	Drivetrain, Clutch	Second stage must be activated by driver utilising a switch or pneumatic button, or by a pre-set timer.	Mandatory
§411	Drivetrain, Clutch	The clutch lock-up mechanism must be a rat-trap system or pneumatic servo, mounted externally and visible.	Mandatory
§412	Drivetrain, Clutch	All pneumatic lines and fittings used, at least 0.060 inch orifice.	Mandatory
§413	Drivetrain, Clutch	The lock-up mechanism must release the clutch pedal to its fully engaged position in one immediate action.	Mandatory
§414	Drivetrain, Clutch	Clutch - Computer assisted (reactive) activation.	Forbidden
§415	Drivetrain, Clutch	Only One lock up action per run is allowed	Mandatory
§416	Drivetrain, Converter	Converter Lock up function	Forbidden

§417	Drivetrain, Transmission	Transmission - Aftermarket or production automobile.	Allowed
§418	Drivetrain, Transmission	Maximum 3 Forward speeds, planetary type transmission	Mandatory
§419	Drivetrain, Transmission	Transmission - Reverse gear, operable	Mandatory
§420	Drivetrain, Transmission	Transmission - OEM location relative to engine type	Mandatory
§421	Drivetrain, Transmission	Air shift only, Driver must perform gearshifts. No delay permitted between driver activation and transmission shift.	Mandatory
§422	Drivetrain, Transmission	Any other form of shifting i.e.; Electric, Electronic, Hydraulic or Timer Based	Forbidden
§423	Drivetrain, Transmission	Automated gear shifting devices or triggers	Forbidden
§424	Engine	A maximum of No more than 4.840" Bore spacing applies to all pushrod style engines. A maximum bore spacing of 4.90" applies to the Sainty Overhead Cam engine only.	Mandatory
§425	Engine	A 2 Inch Maximum Lifter Bore spacing	Mandatory
§426	Engine	Rate of acceleration rpm limiter or multipoint rev limiter that is programmable	Forbidden
§427	Engine	Magneto only	Mandatory
§428	Engine	When integrated into ignition or standalone, programmable, multi-point rev limiter or/and rate of acceleration rpm limiter	Forbidden
§429	Engine	Electrimotion Shut Down System must be installed and operational to utilise the following functions... Fuel shut off, Ignition shut down and Parachute release devices.	Mandatory
§430	Engine	Momentary override button for Electrimotion may be fitted.	Allowed
§431	Engine	If torque converter fitted in place of clutch, then two step, automated, RPM control devices used during staging and launching.	Allowed
§432	Engine	Supercharger - Overdrive If roots type, then 70% maximum.	Mandatory
§433	Engine	Supercharger - Overdrive If screw type with rotor diameter > 215.9 mm (8.5 inch), then 60% maximum.	Mandatory
§434	Engine	Supercharger - Overdrive If screw type with rotor diameter < 215.9 mm (8.5 inch), then 125% maximum.	Mandatory
§435	Engine	If roots type, maximum rotor length 20 inches (508 mm) and maximum case width 11.25 inches (286 mm)	Mandatory
§436	Vehicle	If supercharger is screw type, minimum weight including driver 4.00 lbs/cube (110.72 kg/l) and not less than 2300 lbs (1045.45 kg)	Mandatory
§437	Vehicle	If supercharger is roots type, minimum weight including driver 4.00 lbs/cube (110.72 kg/l) and not less than 2300 lbs (1045.45 kg)	Mandatory