



# PRO ALCOHOL

## CLASS REGULATIONS

Revised February 2026

Multi class bracket, combining methanol fuelled Dragsters, Funny Cars, Altered and Nitro Injected Dragsters

Electrimotion Safety Shut Down System Mandatory

Pro Tree - Heads Up

### PRO ALCOHOL ALTERED

7860	Class Reg	Pro Alcohol Altered	Body	Windscreen	Windscreen openings do not impair driver's forward vision.	Mandatory
7865	Class Reg	Pro Alcohol Altered	Brakes	Brakes - Carbon Fibre	Rear wheels minimum, hydraulic, utilising carbon fibre rotors and carbon fibre brake pads.	Mandatory
7870	Class Reg	Pro Alcohol Altered	Chassis / Frame	Chassis	Chassis - If Professional Racing Category and Pro Alcohol Altered, then complies with SFI 10.1C or later version.	Mandatory
7880	Class Reg	Pro Alcohol Altered	Driver / Rider	Helmet	Helmet - Environmental air breathing systems.	Allowed
7885	Class Reg	Pro Alcohol Altered	Electrimotion	Electrimotion	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
7886	Class Reg	Pro Alcohol Altered	Electrimotion	Electrimotion	The use of a momentary button to be driver actuated to override the Electrimotion safety shut down system may be fitted.	Allowed
7887	Class Reg	Pro Alcohol Altered	Electrimotion	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. IHRA 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
7888	Class Reg	Pro Alcohol Altered	Electrimotion	Electrimotion Controller	Safety shut off controller kit must be properly installed per the manufacturer's instructions. Modifications of or tampering with the ELECTRIMOTION shut off controller kit prohibited.	Mandatory

7889	Class Reg	Pro Alcohol Altered	Electrimotion	Electrimotion Driving Conduct/Standards	As per regulation 7887. 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. <b>1.</b> Competitor will be logged. <b>2.</b> Second offence \$200 monetary fine. <b>3.</b> Third offence \$500 monetary fine and disqualification from the event. <b>4.</b> In the case of a competitor breaching these standards at a championship round will see a demerit points system included. (i.e., deduction of championship points).	Mandatory
7890	Class Reg	Pro Alcohol Altered	Drivetrain	Driveline - clutch	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
7900	Class Reg	Pro Alcohol Altered	Drivetrain	Driveline - clutch	If a two-stage clutch system, then second stage must be activated by driver utilising a switch or pneumatic button, or by use of a pre-set timer initiated by clutch pedal switch, throttle pedal switch or gear shift.	Mandatory
7910	Class Reg	Pro Alcohol Altered	Drivetrain	Driveline - clutch	The clutch lock-up mechanism must be a rat-trap system or pneumatic servo, which is mounted externally and is visible.	Mandatory
7920	Class Reg	Pro Alcohol Altered	Drivetrain	Driveline - clutch	All pneumatic lines and fittings used, at least 0.060 inch orifice.	Mandatory
7930	Class Reg	Pro Alcohol Altered	Drivetrain	Driveline - clutch	The lock-up mechanism must release the clutch pedal to its fully engaged position in one immediate action, to engage the second stage.	Mandatory
7940	Class Reg	Pro Alcohol Altered	Drivetrain	Driveline - clutch	Clutch - Computer assisted (reactive) activation.	Forbidden
7945	Class Reg	Pro Alcohol Altered	Drivetrain	Driveline - clutch	If vehicle is using a Clutch then Only One lock up action per run is allowed	Mandatory
7946	Class Reg	Pro Alcohol Altered	Drivetrain	Converter	Lock up function	Forbidden
7950	Class Reg	Pro Alcohol Altered	Drivetrain	Transmission	Transmission - Aftermarket or production automobile.	Allowed
7960	Class Reg	Pro Alcohol Altered	Drivetrain	Transmission	Maximum 3 Forward speeds, planetary type transmission.	Mandatory
7970	Class Reg	Pro Alcohol Altered	Drivetrain	Transmission	Transmission - Reverse gear, operable.	Mandatory
7980	Class Reg	Pro Alcohol Altered	Drivetrain	Transmission	Transmission - OEM location relative to engine type.	Mandatory
7990	Class Reg	Pro Alcohol Altered	Drivetrain	Transmission	Transmission - Automated gear shifting devices or triggers.	Forbidden

8000	Class Reg	Pro Alcohol Altered	Drivetrain	Transmission Gear Shift	<p>1. Electronic or pneumatic gear shift activation systems electric over air are permitted, provided that each gear change is initiated by a separate, deliberate manual action by the driver</p> <p>2. A momentary type electric button or switch may be used, provided the driver must physically activate the control for every individual gear change.</p> <p>3. Automatic or semi automatic shifting systems are prohibited.</p> <p><b><i>This includes, but is not limited to, systems that initiate a gear change based on:</i></b></p> <ul style="list-style-type: none"> <li>• Engine RPM</li> <li>• Throttle position</li> <li>• Time based or load based logic</li> <li>• Pre programmed shift sequences</li> </ul> <p><b>4. Strictly no auto shift systems permitted.</b></p> <p><i>Any system that initiates a gear change without a deliberate manual input from the driver is prohibited.</i></p> <p>5. All components must comply with IHRA Australia safety, wiring, and mounting requirements.</p> <p>6. All wiring looms must be easily traceable and identifiable to comply with IHRA Australia compliance.</p>	Mandatory
8010	Class Reg	Pro Alcohol Altered	Engine	Engine	Following the outcome of the recent racer commission vote, 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 Saintry Overhead Cam engine only.	Mandatory
8015	Class Reg	Pro Alcohol Altered	Engine	Engine	Engine - A 2 Inch Maximum Lifter Bore spacing	Mandatory
8020	Class Reg	Pro Alcohol Altered	Engine	Ignition	Rate of acceleration rpm limiter or multipoint rev limiter that is programmable.	Forbidden
8025	Class Reg	Pro Alcohol Altered	Engine	Ignition	Magneto only.	mandatory
8030	Class Reg	Pro Alcohol Altered	Engine	Ignition	When integrated into ignition or standalone, programmable, multi-point rev limiter or/and rate of acceleration rpm limiter.	Forbidden
8031	Class Reg	Pro Alcohol Altered	Engine	Ignition	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
8032	Class Reg	Pro Alcohol Altered	Engine	Ignition	The use of a momentary button to be driver actuated to override the Electrimotion safety shut down system may be fitted.	Allowed
8040	Class Reg	Pro Alcohol Altered	Engine	Staging devices	Staging devices clutch - The use of automated RPM control devices i.e. two step during the staging and launching process.	Forbidden

8042	Class Reg	Pro Alcohol Altered	Engine	Staging devices	Staging device - If torque converter fitted in place of clutch, then two step, automated, RPM control devices used during staging and launching.	Allowed
8050	Class Reg	Pro Alcohol Altered	Engine	Supercharger - Overdrive	If roots supercharger, then maximum 70% overdrive.	Mandatory
8060	Class Reg	Pro Alcohol Altered	Engine	Supercharger - Overdrive	If screw supercharger with rotor diameter greater than 215.9 mm (8.5 inch), then maximum 60% overdrive.	Mandatory
8070	Class Reg	Pro Alcohol Altered	Engine	Supercharger - Overdrive	If screw supercharger with rotor diameter less than 215.9 mm (8.5 inch), then maximum 125% overdrive	Mandatory
8080	Class Reg	Pro Alcohol Altered	Engine	Supercharger	If roots supercharger, maximum rotor length 20 inches (508 mm) and maximum case width 11.25 inches (286 mm)	Mandatory
8090	Class Reg	Pro Alcohol Altered	Vehicle	Vehicle - weight break	If supercharger is screw type, minimum weight including driver 3.90 lbs/cube (107.95 kg/l) and not less than 1700 lbs (771.1 kg)	Mandatory
8100	Class Reg	Pro Alcohol Altered	Vehicle	Vehicle - weight break	If supercharger is roots type, minimum weight including driver 3.90 lbs/cube (107.95 kg/l) and not less than 1700 lbs (771.1 kg)	Mandatory

## **PRO ALCOHOL DRAGSTER**

8120	Class Reg	Pro Alcohol Dragster	Chassis / Frame	Chassis	If Professional Racing Category and Pro Alcohol Dragster, then complies with SFI 2.1 or later version.	Mandatory
8125	Class Reg	Pro Alcohol Dragster	Brakes	Brakes - Carbon Fibre	Rear wheel hydraulic brakes, utilising carbon fibre rotors and carbon brake pads on both Rear wheels	Mandatory
8130	Class Reg	Pro Alcohol Dragster	Driver / Rider	Helmet	Helmet - Environmental air breathing systems.	Allowed
8135	Class Reg	Pro Alcohol Dragster	Electrimotion	Electrimotion	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
8136	Class Reg	Pro Alcohol Dragster	Electrimotion	Electrimotion	The use of a momentary button to be driver actuated to override the Electrimotion safety shut down system may be fitted.	Allowed

8137	Class Reg	Pro Alcohol Dragster	Electrimotion	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. IHRA 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
8138	Class Reg	Pro Alcohol Dragster	Electrimotion	Electrimotion Controller	Safety shut off controller kit must be properly installed per the manufacturer's instructions. Modifications of or tampering with the ELECTRIMOTION shut off controller kit prohibited.	Mandatory
8139	Class Reg	Pro Alcohol Dragster	Electrimotion	Electrimotion Driving Conduct/Standards	As per regulation 8137. 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. <b>1.</b> Competitor will be logged. <b>2.</b> Second offence \$200 monetary fine. <b>3.</b> Third offence \$500 monetary fine and disqualification from the event. <b>4.</b> In the case of a competitor breaching these standards at a championship round will see a demerit points system included. (i.e., deduction of championship points).	Mandatory
8140	Class Reg	Pro Alcohol Dragster	Drivetrain	Driveline - clutch	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
8150	Class Reg	Pro Alcohol Dragster	Drivetrain	Driveline - clutch	If a two-stage clutch system, then second stage must be activated by driver utilising a switch or pneumatic button, or by use of a pre-set timer initiated by clutch pedal switch, throttle pedal switch or gear shift.	Mandatory
8160	Class Reg	Pro Alcohol Dragster	Drivetrain	Driveline - clutch	The clutch lock-up mechanism must be a rat-trap system or pneumatic servo, which is mounted externally and is visible.	Mandatory
8170	Class Reg	Pro Alcohol Dragster	Drivetrain	Driveline - clutch	All pneumatic lines and fittings used, at least 0.060 inch orifice.	Mandatory
8180	Class Reg	Pro Alcohol Dragster	Drivetrain	Driveline - clutch	The lock-up mechanism must release the clutch pedal to its fully engaged position in one immediate action, to engage the second stage.	Mandatory
8190	Class Reg	Pro Alcohol Dragster	Drivetrain	Driveline - clutch	Clutch - Computer assisted (reactive) activation.	Forbidden
8195	Class Reg	Pro Alcohol Dragster	Drivetrain	Driveline - clutch	If vehicle is using a Clutch then Only One lock up action per run is allowed	Mandatory
8196	Class Reg	Pro Alcohol Dragster	Drivetrain	Converter	Lock up function	Forbidden
8200	Class Reg	Pro Alcohol Dragster	Drivetrain	Transmission	Transmission - Aftermarket or production automobile.	Allowed
8210	Class Reg	Pro Alcohol Dragster	Drivetrain	Transmission	Transmission If 401 c.i. or more maximum 3 Forward speeds, planetary type transmission.	Mandatory

8215	Class Reg	Pro Alcohol Dragster	Drivetrain	Transmission	If 400 c.i. or less maximum 5 Forward speeds, any transmission type.	Allowed
8220	Class Reg	Pro Alcohol Dragster	Drivetrain	Transmission	Transmission - Reverse gear, operable.	Mandatory
8230	Class Reg	Pro Alcohol Dragster	Drivetrain	Transmission	Transmission - OEM location relative to engine type.	Mandatory
8240	Class Reg	Pro Alcohol Dragster	Drivetrain	Transmission Gear Shift	<p>1. Electronic or pneumatic gear shift activation systems electric over air are permitted, provided that each gear change is initiated by a separate, deliberate manual action by the driver</p> <p>2. A momentary type electric button or switch may be used, provided the driver must physically activate the control for every individual gear change.</p> <p>3. Automatic or semi automatic shifting systems are prohibited.</p> <p><b><i>This includes, but is not limited to, systems that initiate a gear change based on:</i></b></p> <ul style="list-style-type: none"> <li>• Engine RPM</li> <li>• Throttle position</li> <li>• Time based or load based logic</li> <li>• Pre programmed shift sequences</li> </ul> <p><b>4. Strictly no auto shift systems permitted.</b></p> <p><i>Any system that initiates a gear change without a deliberate manual input from the driver is prohibited.</i></p> <p>5. All components must comply with IHRA Australia safety, wiring, and mounting requirements.</p> <p>6. All wiring looms must be easily tractable and identifiable to comply with IHRA Australia compliance.</p>	Mandatory
8250	Class Reg	Pro Alcohol Dragster	Drivetrain	Transmission	Transmission - Automated gear shifting devices or triggers.	Forbidden
8260	Class Reg	Pro Alcohol Dragster	Engine	Engine	Following the outcome of the recent racer commission vote, 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 Saintry Overhead Cam engine only.	Mandatory
8265	Class Reg	Pro Alcohol Dragster	Engine	Engine	Engine - A 2 Inch Maximum Lifter Bore spacing	Mandatory
8270	Class Reg	Pro Alcohol Dragster	Engine	Ignition	Rate of acceleration rpm limiter or multipoint rev limiter that is programmable.	Forbidden
8275	Class Reg	Pro Alcohol Dragster	Engine	Ignition	Magneto only.	mandatory
8280	Class Reg	Pro Alcohol Dragster	Engine	Ignition	When integrated into ignition or standalone, programmable, multi-point rev limiter or/and rate of acceleration rpm limiter.	Forbidden
8290	Class Reg	Pro Alcohol Dragster	Engine	Staging devices	Staging device - If torque converter fitted in place of clutch, then two step, automated, RPM control devices used during staging and launching.	Allowed

8300	Class Reg	Pro Alcohol Dragster	Engine	Supercharger - Overdrive	If engine size is less than 400 cubic inch and has inline or canted valves, and supercharger is screw type with rotor diameter less than 215.9 mm (8.5 inch), then 0.00434 x cubic inches and 125% maximum.	Mandatory
8310	Class Reg	Pro Alcohol Dragster	Engine	Supercharger - Overdrive	If engine is hemi type or canted valve type or has more than two valves per cylinder or size is greater than 400 cubic inch, and supercharger is screw type with rotor diameter greater than 215.9 mm (8.5 inch), then 0.00284 x cubic inches and 60% maximum.	Mandatory
8320	Class Reg	Pro Alcohol Dragster	Engine	Supercharger - Overdrive	If engine is hemi type or canted valve type or has more than two valves per cylinder or size is greater than 400 cubic inch, and supercharger is screw type with rotor diameter less than 215.9 mm (8.5 inch), then 0.00400 x cubic inches and 125% maximum.	Mandatory
8330	Class Reg	Pro Alcohol Dragster	Engine	Supercharger - Overdrive	If engine size is less than 400 cubic inch and has inline or canted valves, and supercharger is screw type with rotor diameter greater than 215.9 mm (8.5 inch), then 0.00309 x cubic inches and 60% maximum.	Mandatory
8340	Class Reg	Pro Alcohol Dragster	Engine	Supercharger - Overdrive	If roots supercharger, then maximum 70% overdrive.	Mandatory
8350	Class Reg	Pro Alcohol Dragster	Engine	Supercharger	If roots supercharger, maximum rotor length 20 inches (508 mm) and maximum case width 11.25 inches (286 mm)	Mandatory
8360	Class Reg	Pro Alcohol Dragster	Vehicle	Vehicle - weight break	If engine size is not greater than 400 cubic inch and has inline or canted valves, and supercharger is screw type, then minimum weight including driver 4.40 lbs/cube (121.8 kg/l) and not less than 1700 lbs (771.1 kg)	Mandatory
8370	Class Reg	Pro Alcohol Dragster	Vehicle	Vehicle - weight break	If engine is hemi type or canted valve type or has more than two valves per cylinder or size is greater than 400 cubic inch, and supercharger is screw type, then minimum weight including driver 4.40 lbs/cube (121.8 kg/l) and not less than 1700 lbs (771.1 kg)	Mandatory
8380	Class Reg	Pro Alcohol Dragster	Vehicle	Vehicle - weight break	If engine size is not greater than 400 cubic inch and has inline or canted valves, and supercharger is roots type, then minimum weight including driver 4.40 lbs/cube (121.8 kg/l) and not less than 1700 lbs (771.1 kg)	Mandatory
8390	Class Reg	Pro Alcohol Dragster	Vehicle	Vehicle - weight break	If engine is hemi type or canted valve type or has more than two valves per cylinder or size is greater than 400 cubic inch, and supercharger is roots type, then minimum weight including driver 4.40 lbs/cube (121.8 kg/l) and not less than 1700 lbs (771.1 kg)	Mandatory

## PRO ALCOHOL FUNNY CAR

8410	Class Reg	Pro Alcohol Funny Car	Chassis / Frame	Chassis	If Professional Racing Category and Pro Alcohol Funny Car, then complies with SFI 10.1C or later version.	Mandatory
8415	Class Reg	Pro Alcohol Funny Car	Brakes	Brakes- Carbon Fibre	Rear wheel hydraulic brakes, utilising carbon fibre rotors and carbon brake pads on both Rear wheels	Mandatory
8420	Class Reg	Pro Alcohol Funny Car	Driver / Rider	Helmet	Helmet - Environmental air breathing systems.	Allowed
8425					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
8426					The use of a momentary button to be driver actuated to override the Electrimotion safety shut down system may be fitted.	Allowed
8427	Class Reg	Pro Alcohol Funny Car	Electrimotion	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. IHRA 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
8428	Class Reg	Pro Alcohol Funny Car	Electrimotion	Electrimotion Controller	Safety shut off controller kit must be properly installed per the manufacturer's instructions. Modifications of or tampering with the ELECTRIMOTION shut off controller kit prohibited.	Mandatory
8429	Class Reg	Pro Alcohol Funny Car	Electrimotion	Electrimotion Driving Conduct/Standards	As per regulation 8427. 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. <b>1.</b> Competitor will be logged. <b>2.</b> Second offence \$200 monetary fine. <b>3.</b> Third offence \$500 monetary fine and disqualification from the event. <b>4.</b> In the case of a competitor breaching these standards at a championship round will see a demerit points system included. (i.e., deduction of championship points).	Mandatory
8430	Class Reg	Pro Alcohol Funny Car	Drivetrain	Driveline - clutch	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
8440	Class Reg	Pro Alcohol Funny Car	Drivetrain	Driveline - clutch	If a two-stage clutch system, then second stage must be activated by driver utilising a switch or pneumatic button, or by use of a pre-set timer initiated by clutch pedal switch, throttle pedal switch or gear shift.	Mandatory

8450	Class Reg	Pro Alcohol Funny Car	Drivetrain	Driveline - clutch	The clutch lock-up mechanism must be a rat-trap system or pneumatic servo, which is mounted externally and is visible.	Mandatory
8460	Class Reg	Pro Alcohol Funny Car	Drivetrain	Driveline - clutch	All pneumatic lines and fittings used, at least 0.060 inch orifice.	Mandatory
8470	Class Reg	Pro Alcohol Funny Car	Drivetrain	Driveline - clutch	The clutch lock-up mechanism must release the clutch pedal to its fully engaged position in one immediate action, to engage the second stage.	Mandatory
8480	Class Reg	Pro Alcohol Funny Car	Drivetrain	Driveline - clutch	Clutch - Computer assisted (reactive) activation.	Forbidden
8485	Class Reg	Pro Alcohol Funny Car	Drivetrain	Driveline-clutch	If vehicle is using a Clutch then Only One lock up action per run is allowed	Mandatory
8486	Class Reg	Pro Alcohol Funny Car	Drivetrain	Converter	Lock up function	Forbidden
8490	Class Reg	Pro Alcohol Funny Car	Drivetrain	Transmission	Transmission - Aftermarket or production automobile.	Allowed
8500	Class Reg	Pro Alcohol Funny Car	Drivetrain	Transmission	Maximum 3 Forward speeds, planetary type transmission.	Mandatory
8510	Class Reg	Pro Alcohol Funny Car	Drivetrain	Transmission	Transmission - Reverse gear, operable.	Mandatory
8520	Class Reg	Pro Alcohol Funny Car	Drivetrain	Transmission	Transmission - OEM location relative to engine type.	Mandatory
8530	Class Reg	Pro Alcohol Funny Car	Drivetrain	Transmission Gear Shift	<p>1. Electronic or pneumatic gear shift activation systems electric over air are permitted, provided that each gear change is initiated by a separate, deliberate manual action by the driver</p> <p>2. A momentary type electric button or switch may be used, provided the driver must physically activate the control for every individual gear change.</p> <p>3. Automatic or semi automatic shifting systems are prohibited.</p> <p><b><i>This includes, but is not limited to, systems that initiate a gear change based on:</i></b></p> <ul style="list-style-type: none"> <li>• Engine RPM</li> <li>• Throttle position</li> <li>• Time based or load based logic</li> <li>• Pre programmed shift sequences</li> </ul> <p><b>4. Strictly no auto shift systems permitted.</b></p> <p><i>Any system that initiates a gear change without a deliberate manual input from the driver is prohibited.</i></p> <p>5. All components must comply with IHRA Australia safety, wiring, and mounting requirements.</p> <p>6. All wiring looms must be easily traceable and identifiable to comply with IHRA Australia compliance.</p>	Mandatory
8540	Class Reg	Pro Alcohol Funny Car	Drivetrain	Transmission	Transmission - Automated gear shifting devices or triggers.	Forbidden

8550	Class Reg	Pro Alcohol Funny Car	Engine	Engine	Following the outcome of the recent racer commission vote, 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
8555	Class Reg	Pro Alcohol Funny Car	Engine	Engine	Engine - A 2 Inch Maximum Lifter Bore spacing	Mandatory
8560	Class Reg	Pro Alcohol Funny Car	Engine	Ignition	Rate of acceleration rpm limiter or multipoint rev limiter that is programmable.	Forbidden
8865	Class Reg	Pro Alcohol Funny Car	Engine	Ignition	Magneto only.	mandatory
8570	Class Reg	Pro Alcohol Funny Car	Engine	Ignition	When integrated into ignition or standalone, programmable, multi-point rev limiter or/and rate of acceleration rpm limiter.	Forbidden
8571	Class Reg	Pro Alcohol Funny Car	Engine	Ignition	Electrimotion Shut Down System must be installed and operational to utilise the following functions, as of the 01/01/2018,Fuel shut off, Ignition shut down and Parachute release devices must be functional.	Mandatory
8572	Class Reg	Pro Alcohol Funny Car	Engine	Ignition	The use of a momentary button to be driver actuated to override the Electrimotion safety shut down system may be fitted.	Allowed
8580	Class Reg	Pro Alcohol Funny Car	Engine	Staging devices	If torque converter fitted in place of clutch, then two step, automated, RPM control devices used during staging and launching.	Allowed
8590	Class Reg	Pro Alcohol Funny Car	Engine	Supercharger - Overdrive	If <b>roots</b> type, then <b>70%</b> maximum.	Mandatory
8600	Class Reg	Pro Alcohol Funny Car	Engine	Supercharger - Overdrive	If screw type with rotor diameter greater than 215.9 mm (8.5 inch), then 60% maximum.	Mandatory
8610	Class Reg	Pro Alcohol Funny Car	Engine	Supercharger - Overdrive	If screw type with rotor diameter less than 215.9 mm (8.5 inch), then 125% maximum.	Mandatory
8620	Class Reg	Pro Alcohol Funny Car	Engine	Supercharger	If roots type, maximum rotor length 20 inches (508 mm) and maximum case width 11.25 inches (286 mm)	Mandatory
8630	Class Reg	Pro Alcohol Funny Car	Vehicle	Vehicle - weight break	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
8640	Class Reg	Pro Alcohol Funny Car	Vehicle	Vehicle - weight break	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

## INJECTED NITRO DRAGSTER

37595	Class Reg	Injected Nitro Dragster	Chassis / Frame	Chassis	If Professional Racing Category and Pro Alcohol Injected Nitro Dragster, then complies with SFI 2.1 or later version.	Mandatory
37600	Class Reg	Injected Nitro Dragster	Weight break	Weight break	5.00 or more pounds per cubic inch.	Mandatory
37610	Class Reg	Injected Nitro Dragster	Engine	Engine Displacement	Minimum Engine displacement 410 cubic inches.	Mandatory
37620	Class Reg	Injected Nitro Dragster	Engine	Engine Displacement	Maximum engine displacement is 456 cubic Inches	Mandatory
37630	Class Reg	Injected Nitro Dragster	Weight break	Weight break	Minimum weight is 2,125 pounds	Mandatory
37633	Class Reg	Injected Nitro Dragster	Electrimotion	Electrimotion	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
37634	Class Reg	Injected Nitro Dragster	Electrimotion	Electrimotion	The use of a momentary button to be driver actuated to override the Electrimotion safety shut down system may be fitted.	Allowed
37635	Class Reg	Injected Nitro Dragster	Electrimotion	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. IHRA 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
37636	Class Reg	Injected Nitro Dragster	Electrimotion	Electrimotion Controller	Safety shut off controller kit must be properly installed per the manufacturer's instructions. Modifications of or tampering with the ELECTRIMOTION shut off controller kit prohibited.	Mandatory
37637	Class Reg	Injected Nitro Dragster	Electrimotion	Electrimotion Driving Conduct/Standards	As per regulation 37635. 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. <b>1.</b> Competitor will be logged. <b>2.</b> Second offence \$200 monetary fine. <b>3.</b> Third offence \$500 monetary fine and disqualification from the event. <b>4.</b> In the case of a competitor breaching these standards at a championship round will see a demerit points system included. (i.e., deduction of championship points).	Mandatory
37640	Class Reg	Injected Nitro Dragster	Engine	Bore Spacing	Maximum bore centre spacing 4.840 inches	Mandatory
37650	Class Reg	Injected Nitro Dragster	Engine	Injector Scoop	Maximum injector scoop opening of 1 square foot, with top of opening no higher than 24 inches above the top of roll cage.	Mandatory

37660	Class Reg	Injected Nitro Dragster	Engine	Injector Scoop	Scoop may not extend more than 18 inches forward of the centre of the forward engine cylinder, may not extend more than 12 inches behind the centre of the rear engine cylinder, and may not exceed 24 inches in width.	Mandatory
37670	Class Reg	Injected Nitro Dragster	Engine	Engine	Valve Cover restraints meeting SFI Spec 14.4 mandatory on all non-supercharged, nitromethane-burning engines.	Mandatory
37680	Class Reg	Injected Nitro Dragster	Engine	Clutch	Four discs maximum on injected nitromethane dragsters	Mandatory
37690	Class Reg	Injected Nitro Dragster	Engine	Clutch	Electronics, pneumatics, hydraulics or any other device may in no way affect the clutch system. Throw-out bearing must release all fingers, levers, stages etc. simultaneously Staged or variable release clutches of any description prohibited.	Mandatory
37700	Class Reg	Injected Nitro Dragster	Drivetrain	Clutch	Clutch/bellhousing exhaust filter mandatory.	Mandatory
37710	Class Reg	Injected Nitro Dragster	Drivetrain	Transmission	Minimum (numeric) gear ratio. 2.90 for non-supercharged, nitromethane-burning dragsters.	Mandatory
37720	Class Reg	Injected Nitro Dragster	Drivetrain	Transmission	Transmission prohibited in non-supercharged, nitromethane-burning dragsters.	Mandatory
37730	Class Reg	Injected Nitro Dragster	Chassis/Frame	Wheelie Bars	Must be functional.	Mandatory
37740	Class Reg	Injected Nitro Dragster	Chassis/Frame	Wheelbase	Minimum 150 inches; maximum 300inches on long side.	Mandatory
37750	Class Reg	Injected Nitro Dragster	Chassis/Frame	Wheelbase	Maximum wheelbase variation from left to right 2 inches, minimum front tread width 26 inches.	Mandatory
37760	Class Reg	Injected Nitro Dragster	Engine	Magneto	Maximum two magnetos; two spark plugs per cylinder, not to exceed 44 amps per magneto	Mandatory
37770	Class Reg	Injected Nitro Dragster	Fuel	Nitro Percentage	The maximum percentage of Nitro-Methane will be set at 91%, it will be the responsibility of the race team to ensure that this percentage isn't exceeded. Failure to meet this number will result in the run being disallowed or if it is prior to a run, you will be sent back to your pit. IHRA Australia stewards have the authority to check the fuel prior to any run in the staging lanes or after the run at anytime.	Mandatory
37780	Class Reg	Injected Nitro Dragster	Fuel Temperature	Fuel Cooling	Failure to pass the minimum fuel-temperature check of 40 degrees f (4.44 degree C) in the staging lanes prior to a run will result in the forfeiture of that run, and the competitor must return back to your pit.	Mandatory