



PRO ALCOHOL CLASS REGULATIONS

Effective 2nd May 2023

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

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|------|-----------|---------------------|-----------------|---|--|-----------|
| 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. 1. Competitor will be logged. 2. Second offence \$200 monetary fine. 3. Third offence \$500 monetary fine and disqualification from the event. 4. 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 |

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| 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 | Air shift only, Driver must perform gearshifts. No delay permitted between driver activation and transmission shift. | Mandatory |
| 8005 | Class Reg | Pro Alcohol Altered | Drivetrain | Transmission | Transmission - Any other form of shifting i.e.; Electric, Electronic, Hydraulic or Timer Based | Forbidden |
| 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 Sainty 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 |

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| 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

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|------|-----------|----------------------|-----------------|-----------------------|--|-----------|
| 8120 | Class Reg | Pro Alcohol Dragster | Chassis / Frame | Chassis | If Professional Racing Category and Pro Alcohol Dragster, then complies with SFI 2.3H 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 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 |

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|------|-----------|----------------------|---------------|---|---|-----------|
| 8138 | 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 |
| 8139 | Class Reg | Pro Alcohol Altered | 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. 1. Competitor will be logged. 2. Second offence \$200 monetary fine. 3. Third offence \$500 monetary fine and disqualification from the event. 4. 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 | Air shift only, Driver must perform gearshifts. No delay permitted between driver activation and transmission shift | Mandatory |
| 8245 | Class Reg | Pro Alcohol Dragster | Drivetrain | Transmission | Transmission - Any other form of shifting i.e.; Electric, Electronic, Hydraulic or Timer Based | Forbidden |
| 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 Sainy 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 |

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|------|-----------|----------------------|---------|--------------------------|--|-----------|
| 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

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|------|-----------|-----------------------|-----------------|---------|---|-----------|
| 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 |
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| 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 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 |
| 8428 | 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 |
| 8429 | Class Reg | Pro Alcohol Altered | 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. 1. Competitor will be logged. 2. Second offence \$200 monetary fine. 3. Third offence \$500 monetary fine and disqualification from the event. 4. 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 |

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|------|-----------|-----------------------|------------|--------------------------|--|-----------|
| 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 | Air shift only, Driver must perform gearshifts. No delay permitted between driver activation and transmission shift | Mandatory |
| 8535 | Class Reg | Pro Alcohol Funny Car | Drivetrain | Transmission | Transmission - Any other form of shifting i.e.; Electric, Electronic, Hydraulic or Timer Based | Forbidden |
| 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 Saintry 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 roots type, then 70% 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

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|-------|-----------|-------------------------|-------------|---------------------|---|-----------|
| 37600 | Class Reg | Injected Nitro Dragster | Weightbreak | Weightbreak | 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 |

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|-------|-----------|-------------------------|---------------|---|--|-----------|
| 37620 | Class Reg | Injected Nitro Dragster | Engine | Engine Displacement | Maximum engine displacement is 456 cubic Inches | Mandatory |
| 37630 | Class Reg | Injected Nitro Dragster | Weightbreak | Weightbreak | Minimum weight is 2.125 pounds/ per cube | 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 | 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 |
| 37636 | 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 |
| 37637 | Class Reg | Pro Alcohol Altered | 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. 1. Competitor will be logged. 2. Second offence \$200 monetary fine. 3. Third offence \$500 monetary fine and disqualification from the event. 4. 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 |

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|-------|-----------|-------------------------|------------------|------------------|--|-----------|
| 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 |