



FACTORY EXTREME

CLASS REGULATIONS

Effective November 2022

Factory Extreme will utilise a Heads Up Pro Tree start and will race using a Random Chicago Shootout Format for field sizes from 6 to 24. It is designed for full -bodied purpose-built, Pro Stock style, turbocharged, RWD race vehicles with minimal rule restrictions using 4 - cylinder or 6 - cylinder or 2 -rotor or 3 - rotor or 4 - rotor engines. Maximum of 2 power adders permitted.

All competitors must comply to all Safety and General Regulations

Factory Extreme Licence Required - Medical Required (valid for 3 years if under 50, otherwise 2 years)

IHRA Technical Inspection Required (includes logbook) one logbook per vehicle.

32390	Class Reg	Factory Extreme	Body	Body	Full OEM size.	Mandatory
32400	Class Reg	Factory Extreme	Body	Body	Full OEM body silhouette and appearance.	Mandatory
32410	Class Reg	Factory Extreme	Body	Body	Manufacturer connection between engine and body is recognisable.	Mandatory
32420	Class Reg	Factory Extreme	Body	Body	Painted	Mandatory
32430	Class Reg	Factory Extreme	Body	Body	Cosmetic condition / visual appearance is of a high standard and acceptable to IHRA officials.	Mandatory
32440	Class Reg	Factory Extreme	Body	Body	Mild customisations.	Allowed
32450	Class Reg	Factory Extreme	Body	Body	2002 model or later.	Mandatory
32460	Class Reg	Factory Extreme	Body	Body	OEM steel	Allowed
32470	Class Reg	Factory Extreme	Body	Body	Replica composite.	Allowed
32480	Class Reg	Factory Extreme	Body	Body	Automotive or light truck	Allowed
32490	Class Reg	Factory Extreme	Body	Body	Full scale.	Mandatory
32500	Class Reg	Factory Extreme	Body	Body	Vehicles with mixed engine and body combinations that were approved to compete in FX in 2012 to continue to compete until retired.	Allowed
32510	Class Reg	Factory Extreme	Body	Body	Mixed engine and body combinations that have a current logbook will be permitted to continue to compete until retired.	Allowed
32520	Class Reg	Factory Extreme	Body	Airfoils / wings	Mounted securely.	Mandatory
32530	Class Reg	Factory Extreme	Body	Airfoils / wings	Maximum width is equivalent to widest part of vehicle body.	Mandatory
32540	Class Reg	Factory Extreme	Body	Airfoils / wings	Entire unit narrower than widest part of vehicle body.	Mandatory
32550	Class Reg	Factory Extreme	Body	Airfoils / wings	Entire unit lower than highest point of roof.	Mandatory
32560	Class Reg	Factory Extreme	Body	Airfoils / wings	Excluding parachute packs and bumpers, extends less than 6 inches behind the rearmost point of the body.	Mandatory

32570	Class Reg	Factory Extreme	Body	Airfoils / wings - rear	If supercharged, turbocharged or nitrous oxide injected, then fixed, single, rear.	Allowed
32580	Class Reg	Factory Extreme	Body	Body - doors	At least 2, operable.	Mandatory
32590	Class Reg	Factory Extreme	Body	Body - doors	Able to be closed and opened from both inside and outside the vehicle.	Mandatory
32600	Class Reg	Factory Extreme	Body	Body - front overhang	No more than 45 inches (1143 mm), as measured from centre of front axle to front most part of vehicle.	Mandatory
32610	Class Reg	Factory Extreme	Body	Body - front splitter	Overhangs / extends past bodywork no more than 12 mm (1/2 inch).	Mandatory
32620	Class Reg	Factory Extreme	Body	Body - front splitter	Not included in front overhang measurement.	Mandatory
32630	Class Reg	Factory Extreme	Body	Body - front splitter	Attached to lower front fascia	Mandatory
32640	Class Reg	Factory Extreme	Body	Body - front splitter	Installed	Mandatory
32650	Class Reg	Factory Extreme	Body	Body - front splitter	Parallel to front lip and flat.	Mandatory
32660	Class Reg	Factory Extreme	Body	Body - front splitter	Thickness in the range 1.27 mm (0.050 inch) to 1.52 mm (0.060 inch).	Mandatory
32670	Class Reg	Factory Extreme	Body	Body - front splitter	Constructed from carbon fibre, aluminium, steel or stainless steel.	Mandatory
32680	Class Reg	Factory Extreme	Body	Street equipment	Headlights and tail lights painted on.	Allowed
32690	Class Reg	Factory Extreme	Body	Body - panels	Lightweight	Allowed
32700	Class Reg	Factory Extreme	Body	Spoiler	Mounted on roof.	Forbidden
32710	Class Reg	Factory Extreme	Body	Spoiler	Painted to be matched to overall paint scheme.	Mandatory
32720	Class Reg	Factory Extreme	Body	Spoilers	OEM aerodynamic devices for body.	Allowed
32730	Class Reg	Factory Extreme	Body	Spoilers	Fitted in OEM location.	Allowed
32740	Class Reg	Factory Extreme	Body	Spoilers	Moulded into rear deck lid.	Forbidden
32750	Class Reg	Factory Extreme	Body	Spoilers - fabricated	Length from body line to the spoiler transition point to the tip is at least 14 inches (355 mm).	Mandatory
32760	Class Reg	Factory Extreme	Body	Spoilers	Must be no lower than horizontal	Mandatory
32770	Class Reg	Factory Extreme	Body	Spoilers - spill plates	At least 4 inches (100 mm) height overall.	Mandatory
32780	Class Reg	Factory Extreme	Body	Spoilers - spill plates	Extending above top of spoiler no more than 2 inches (50 mm).	Mandatory
32790	Class Reg	Factory Extreme	Body	Spoiler - wicker	The full width of the spoiler has a 90-degree wicker and remains at 90-degrees during the run.	Mandatory
32800	Class Reg	Factory Extreme	Body	Spoiler - wicker	Height at least 0.5 inches (12 mm).	Mandatory
32810	Class Reg	Factory Extreme	Body	Spoiler - wicker	Spoiler total length measurement doesn't include wicker height.	Information
32820	Class Reg	Factory Extreme	Chassis / Frame	Chassis	Full tube	Allowed
32830	Class Reg	Factory Extreme	Chassis / Frame	Chassis	FWD or AWD vehicles converted to RWD.	Allowed
32840	Class Reg	Factory Extreme	Chassis / Frame	Ballast	If removable, then not more than 90.7 kg (200 lbs).	Mandatory
32850	Class Reg	Factory Extreme	Chassis / Frame	Brakes	Hydraulic, 4-wheel.	Mandatory
32860	Class Reg	Factory Extreme	Chassis / Frame	Roll Cage - padding	Roll cage padding	Mandatory
32870	Class Reg	Factory Extreme	Chassis / Frame	Steering	Aftermarket steering	Allowed
32880	Class Reg	Factory Extreme	Chassis / Frame	Suspension - Front	Minimum of one operable shock absorber per wheel.	Mandatory
32890	Class Reg	Factory Extreme	Chassis / Frame	Tyres-	Racing slicks.	Allowed

32900	Class Reg	Factory Extreme	Chassis / Frame	Wheels - drive	Compliant with SFI 15.1 is recommended	Information
32910	Class Reg	Factory Extreme	Chassis / Frame	Wheels - front	Billet type or spun aluminium.	Mandatory
32920	Class Reg	Factory Extreme	Chassis / Frame	Wheels - front	Cast front rims	Forbidden
32930	Class Reg	Factory Extreme	Chassis / Frame	Wheels - studs	Threaded, a minimum of the distance equal to the stud diameter, into hex portion of lug nut.	Mandatory
32940	Class Reg	Factory Extreme	Chassis / Frame	Wheels	Automotive and suitable for racing.	Mandatory
32950	Class Reg	Factory Extreme	Chassis / Frame	Wheels - diameter	Diameter at least 330 mm (13 inches).	Mandatory
32960	Class Reg	Factory Extreme	Chassis / Frame	Wheels	At least SFI 15.3.	Mandatory
32970	Class Reg	Factory Extreme	Chassis / Frame	Wheels	If SFI 15.4 then mates with drive hub type.	Mandatory
32980	Class Reg	Factory Extreme	Chassis / Frame	Wheels	Rim bead lock.	Mandatory
32990	Class Reg	Factory Extreme	Chassis / Frame	Wheelie bars	Adjustable wheelie bars	Allowed
33000	Class Reg	Factory Extreme	Chassis / Frame	Wheelie bars	As measured from rear bumper, up to 75 inches (1,905 mm) in length.	Allowed
33010	Class Reg	Factory Extreme	Chassis / Frame	Wheelie bars	At the starting lines, the wheels spin free.	Mandatory
33020	Class Reg	Factory Extreme	Chassis / Frame	Wheelie bars	Fixed during run.	Mandatory
33030	Class Reg	Factory Extreme	Chassis / Frame	Wheelie bars	Wheelie bars	Allowed
33040	Class Reg	Factory Extreme	Chassis / Frame	Wheelie bars	Pneumatics, hydraulics and electronics.	Forbidden
33050	Class Reg	Factory Extreme	Chassis / Frame	Wheelie bars	Preload.	Forbidden
33060	Class Reg	Factory Extreme	Drivetrain	Clutch	Two stage, with lock up function.	Allowed
33070	Class Reg	Factory Extreme	Drivetrain	Driveline	Protection for driveshaft.	Mandatory
33080	Class Reg	Factory Extreme	Drivetrain	Flywheel shield	A flywheel shield of titanium, steel or aluminium with steel/titanium liner and compliant with SFI 6.1, 6.2 or 6.3 is not available for vehicle and using an SFI-compliant flywheel shield from another application and the shield is bolted to an engine plate that is bolted to the engine at all available bolt holes.	Allowed
33090	Class Reg	Factory Extreme	Drivetrain	Flywheel shield	A flywheel shield of titanium, steel or aluminium with steel/titanium liner and compliant with SFI 6.1, 6.2 or 6.3 is not available for vehicle and using a fabricated shield made of 1/4 inch (6.3 mm) steel and the shield surrounds the bellhousing 360 degrees and extends 1-inch (25 mm) forward and 1-inch (25 mm) rearward of the rotating clutch assembly.	Allowed
33100	Class Reg	Factory Extreme	Drivetrain	Flywheel shield	Shield securely attached to frame or frame structure.	Mandatory
33110	Class Reg	Factory Extreme	Drivetrain	Flywheel shield	Multi-piece	Allowed
33120	Class Reg	Factory Extreme	Drivetrain	Flywheel shield	If manual transmission, then steel or titanium bellhousing.	Mandatory
33130	Class Reg	Factory Extreme	Drivetrain	Transmission	Any transmission type	Allowed
33140	Class Reg	Factory Extreme	Drivetrain	Transmission - automatic	Torque converter using a lock-up function.	Allowed
33150	Class Reg	Factory Extreme	Drivetrain	Transmission - automatic	Clutchless and up to five forward speeds.	Allowed
33160	Class Reg	Factory Extreme	Drivetrain	Transmission - manual	Automated, timer type, electronic or hydraulic shifting mechanism.	Forbidden
33170	Class Reg	Factory Extreme	Drivetrain	Transmission - manual	Driver controls each individual shift.	Mandatory
33180	Class Reg	Factory Extreme	Drivetrain	Transmission - manual	Shifting is electronic, pneumatic or manual.	Allowed

33190	Class Reg	Factory Extreme	Drivetrain	Transmission - automatic	Transmission brake	Allowed
33200	Class Reg	Factory Extreme	Electrical	Battery	Mounted securely.	Mandatory
33210	Class Reg	Factory Extreme	Electrical	Battery	Sealed, if located in driver's compartment.	Mandatory
33220	Class Reg	Factory Extreme	Electrical	Lights	Lights painted on.	Allowed
33230	Class Reg	Factory Extreme	Electrical	Street equipment - tail light	Tail lights Operable.	Mandatory
33240	Class Reg	Factory Extreme	Engine	Engine	Any or 2, 3 or 4 rotor or production 4 or 6 cylinder.	Allowed
33250	Class Reg	Factory Extreme	Engine	Engine	Deck plate and/or welding on deck surface.	Forbidden
33260	Class Reg	Factory Extreme	Engine	Engine	Engine swap	Allowed
33270	Class Reg	Factory Extreme	Engine	Engine	If swapped, there is a connection between body and engine manufacturer.	Mandatory
33280	Class Reg	Factory Extreme	Engine	Engine - block	If replacement type, then accepts OEM cylinder head without modification and functions.	Mandatory
33290	Class Reg	Factory Extreme	Engine	Engine	If 4 or 6 cylinder, then billet cylinder block.	Allowed
33300	Class Reg	Factory Extreme	Engine	Engine - block	If replacement type, then bolts to original block without modification and functions.	Mandatory
33310	Class Reg	Factory Extreme	Engine	Engine	If 4 or 6 cylinder, then billet cylinder head.	Allowed
33320	Class Reg	Factory Extreme	Engine	Exhaust	If turbocharged and no muffler, then 2 bolts of 3/8 inch (10 mm) diameter inserted across the diameter of turbine outlet pipe, at right angles to each other.	Mandatory
33330	Class Reg	Factory Extreme	Engine	3.14 Factory Extreme	Class-specific exhaust rules for Sport Compact, apply.	Information
33340	Class Reg	Factory Extreme	Engine	Exhaust	If open, then outlets exit below the height of the top of front wheel.	Mandatory
33350	Class Reg	Factory Extreme	Engine	Exhaust	Open, if allowed by track rules.	Allowed
33360	Class Reg	Factory Extreme	Engine	EFI	EFI - Electronic Fuel Injection	Allowed
33370	Class Reg	Factory Extreme	Engine	Fuel Grade	Petrol, ethanol or methanol.	Mandatory
33380	Class Reg	Factory Extreme	Engine	Ignition	Rev limiters.	Allowed
33390	Class Reg	Factory Extreme	Engine	Ignition	Two step.	Allowed
33400	Class Reg	Factory Extreme	Engine	Ignition	Any ignition	Allowed
33410	Class Reg	Factory Extreme	Engine	Lower engine containment device	Lower engine containment device	Mandatory
33420	Class Reg	Factory Extreme	Engine	Nitrous oxide - bottle	Hoses from bottle(s) to solenoid must be high pressure, steel-braided.	Mandatory
33430	Class Reg	Factory Extreme	Engine	Nitrous oxide - bottle	Commercially available, thermostatically controlled, blanket-type warmer accepted.	Mandatory
33440	Class Reg	Factory Extreme	Engine	Nitrous oxide - bottle	Nitrous bottle(s) in driver compartment must be equipped with a relief valve and vented outside of driver's compartment.	Mandatory
33450	Class Reg	Factory Extreme	Engine	Nitrous Oxide	Nitrous oxide systems for naturally aspirated and supercharged and turbocharged engines that are commercially available.	Allowed
33460	Class Reg	Factory Extreme	Engine	Engine	Dry sump.	Allowed
33470	Class Reg	Factory Extreme	Engine	Engine	If rotary, then billet rotors and plates.	Allowed
33480	Class Reg	Factory Extreme	Engine	Intercooler	Intercooler	Allowed

33490	Class Reg	Factory Extreme	Engine	Supercharger	Supercharger	Allowed
33500	Class Reg	Factory Extreme	Engine	Supercharger	If not fitted with dual stage nitrous oxide or dual turbochargers or dual superchargers, then maximum 2 forms of supercharging.	Allowed
33510	Class Reg	Factory Extreme	Engine	Turbocharger	Turbocharger	Allowed
33520	Class Reg	Factory Extreme	Engine	Engine	Vacuum pump used to evacuate crankcase pressure.	Allowed
33530	Class Reg	Factory Extreme	Interior	Body - interior	Floor or firewall has openings, such as holes or slots.	Forbidden
33540	Class Reg	Factory Extreme	Interior	Seat	Correctly installed driver's seat.	Mandatory
33550	Class Reg	Factory Extreme	Support Group	Computer	Aftermarket computer	Allowed
33560	Class Reg	Factory Extreme	Support Group	Computer	Computer piggyback.	Allowed
33570	Class Reg	Factory Extreme	Support Group	Computer	Vehicle management system such as reactive processing for any form of traction control.	Forbidden
33580	Class Reg	Factory Extreme	Support Group	Data recorder	If wheel is not driven by engine, then speed sensor fitted.	Forbidden
33590	Class Reg	Factory Extreme	Support Group	Data recorder	Data recorder	Allowed
33600	Class Reg	Factory Extreme	Support Group	Fire suppression system	On-board fire suppression system fitted.	Mandatory
33610	Class Reg	Factory Extreme	Support Group	Tender vehicles	Tender vehicles	Allowed
33620	Class Reg	Factory Extreme	Support Group	Traction control	Any method of adjusting or modifying or adjusting any aspect of the vehicle as a result of any event that occurs during a run.	Forbidden
33630	Class Reg	Factory Extreme	Vehicle	Weight verification	FX vehicles are to report to the scales after every pass, win or loss in qualifying or racing.	Mandatory
33640	Class Reg	Factory Extreme	Vehicle	Wheelbase	No more than 115 inches (2845 mm).	Mandatory
33650	Class Reg	Factory Extreme	Vehicle	Wheelbase	OEM, lengthened by up to 10 inches (254 mm).	Allowed
33660	Class Reg	Factory Extreme	Vehicle	Wheelbase	OEM, reduced by up to 2 inches (50 mm).	Allowed
33670	Class Reg	Factory Extreme	Vehicle	Wheelbase	Vehicles with wheelbase exceeding the 115 inch maximum and with a current Technical Inspection and Log Book at 31 December 2010 permitted to continue to compete until retired.	Allowed
33680	Class Reg	Factory Extreme	Vehicle	Wheelbase - variation	The wheelbase variation from left to right is no more than 25 mm (1 inches).	Mandatory
33690	Class Reg	Factory Extreme			Pro Tree - Heads Up	Mandatory
33700	Class Reg	Factory Xtreme	Vehicle		If engine type is 4 cylinder, and capacity is not greater than 3.0 litres, then minimum weight is 884.5 kg (1950 lbs).	Mandatory
33710	Class Reg	Factory Xtreme	Vehicle		If engine type is 6 cylinder, and capacity is not greater than 3.0 litres, then minimum weight is 1043.2 kg (2300 lbs).	Mandatory
33720	Class Reg	Factory Xtreme	Vehicle		If engine type is 6 cylinder, and capacity between 3.1 and 4.0 litres, then minimum weight is 1088.6 kg (2400 lbs).	Mandatory
33730	Class Reg	Factory Xtreme	Vehicle		If engine type is twin rotor rotary, then minimum weight is 884.5 kg (1950 lbs).	Mandatory
33740	Class Reg	Factory Xtreme	Vehicle		If engine type is triple rotor rotary, then minimum weight is 997.9 kg (2200 lbs).	Mandatory
33750	Class Reg	Factory Xtreme	Vehicle		If engine type is quad rotor rotary, then minimum weight is 1088.6 kg (2400 lbs).	Mandatory