

## **2024 DIESEL DRAG RACING SERIES**

### **RULES AND CLASSES**

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Throughout this Rulebook, several references are made for products to meet certain specifications (i.e., SFI Specs, Snell, DOT, etc.). It is important to realize that these products are manufactured to meet certain specifications, and upon completion, the manufacturer labels the product as meeting that spec. Therefore, except as outlined under SFI requirements, any change to the product voids that certification.

Under no circumstances may any certified product be modified, altered, or in any way vary from the "as manufactured" condition. Such a practice is in violation of the SFI, Snell, DOT, etc. program, voids such certification and therefore will not be accepted by NHRA and/or NHRDA.

NOTICE: It is the responsibility of the participant, not NHRDA, NHRA or any track, to ensure that all safety equipment is not modified or altered, is approved, and is correctly installed, worn, maintained, and used.

**RULES ARE SUBJECT TO CHANGE WITHOUT NOTICE. CHECK [www.nhrda.com](http://www.nhrda.com) for any changes and updates**

In no way are these rules intended to supersede or replace the current NHRA and/or Track Rules.

In all classes, refer to the 2024 NHRA Rulebook for applicable vehicle/driver requirements based on individual E.T. and/or M.P.H. performance. **Some of the NHRA rules are referenced here for ease of lookup but again refer to NHRA rule book for all rules.**

All competitors in all classes must have NHRDA competition number and class abbreviation in clear visible area on the front window, tower side window and back window of competition vehicle.

All competition vehicles must display NHRDA & HOT SHOTS SECRET decals on both sides of vehicle and be in plain view.

Competition is only open to diesel powered vehicles, all competitors must have a valid current driver license for all classes.

A vehicle entered in a Pro class, including Super Street (5.90 Index), may NOT be entered in any other NHRDA sanctioned class during event.

All Pro classes, including Super Street (5.90 Index), must utilize an NHRA accepted lower engine oil-retention device; may use a belly pan in lieu of a device attached to the engine. The belly pan must extend from frame rail to frame rail and extend forward of the harmonic balancer and rearward to rear engine plate and must incorporate a minimum 2-inch-high lip on all sides. A nonflammable, oil-absorbent liner mandatory inside of retention device. See NHRA General Regulations.

All NHRDA classes, except for Sportsman ET Class, Will be required to have exhausts turned upward and away from racing surface.

**(Note: Any competitor in any class, for any reason smokes out lights during eliminations will be disqualified from that event.)**

## **2024 DIESEL DRAG RACING SERIES**

### **RULES AND CLASSES**

#### **NHRDA Top Diesel Class Abbreviation - TD**

- Vehicle must qualify (or have qualified in prior event in 2023) and run (6.00) seconds or quicker.
- Heads-Up class (1/8<sup>th</sup> mile)
- 4/10th Pro Tree
- Pro ladder by ET
- Lane choice by quickest ET
- Auto Start on (7 seconds)
- Must have a current NHRDA membership, competition number and class abbreviation on vehicle
- NHRDA & Hot Shot's Secret decal must be displayed on both sides of the vehicle and be in plain view
- No weight limitations, tire limitations or wheelbase limitations
- All exhaust must exit up and away from race vehicle with (2) 5/16 grade 5 bolts at 90 degrees to each other within 1 inch of each other and within 4 inches from exhaust house flange
- Auto Trans reverse lockout and neutral safety required on Auto Trans
- Auto Trans locking-type dipstick required
- Liquid Overflow required
- Working taillight required. Flashing ,blinking , or strobe lights prohibited
- Steel Valve stems in all tubeless tires required
- Drive line loop required
- SFI Spec 16.1 or 16.5 or 16.6 driver restraints required
- SFI 1.1 or 1.2 Flywheel / Clutch required
- SFI 6.1, 6.2, 6.3 Bellhousing or 9.1 Flywheel Shield required
- SFI 4.1 Transmission Shield required
- SFI 29.1 flexplate / 30.1 flexplate shield (AT equipped cars) required
- Aftermarket axles and axle retainers required
- SFI 18.1 Harmonic Balancer required
- A current NHRA chassis certification for running 8.49 seconds or quicker required
- A current NHRA license for running 9.99 seconds or quicker; or 135 mph and faster required
- SFI 3.2A/5 jackets and pants required
- SFI 3.3 neck collar required
- SFI 3.3/5 gloves required
- SFI 3.3/5 boots or shoes required
- Full Face Helmet (Must have helmet meeting Snell M2015, M2020, SA2015, SA2020. Shield Mandatory (goggles prohibited)
- SFI 45.1 Roll Cage padding required
- Parachute required if running 150mph or faster
- Air Shutoff required on mechanical fuel pump engines
- Auto Trans and lower engine containment device required
- Master Electrical Shutoff (must be located at rear of vehicle and outside the body)
- Antifreeze Prohibited

#### **IF RUNNING 7.49 (4.50 in 1/8<sup>th</sup>) seconds or quicker; or 150 mph and faster**

- A current NHRA Advanced ET chassis certification running 7.49 seconds or quicker
- A current NHRA Advanced ET license running 7.49 seconds or quicker
- SFI 38.1 Head & Neck restraints required
- SFI 3.2A/15 Jacket and pants required
- SFI 3.3/5 Boots or shoes required
- SFI 3.3/15 Gloves required
- SFI 3.3 Headsock or Skirted helmet required
- Dual Parachute mandator

## **2024 DIESEL DRAG RACING SERIES**

### **RULES AND CLASSES**

#### **NHRDA Pro Mod**

#### **Class Abbreviation - PMD**

- Vehicle must qualify (or have qualified in prior event in 2023) and run (6.40) seconds or quicker.
- Heads-Up class (1/8<sup>th</sup> mile)
- 4/10th Pro Tree
- Pro ladder by ET
- Lane choice by quickest ET
- Auto Start on (7 seconds)
- Must have a current NHRDA membership, competition number and class abbreviation on vehicle
- NHRDA & Hot Shot's Secret decals must be displayed on both sides of the vehicle and be in plain view
- Minimum weight: 2350 lbs (w/ Driver) +/- 1%
- Maximum weight of 3600 lbs (w/ Driver) +/- 1%
- All exhaust must exit up and away from race vehicle with (2) 5/16 grade 5 bolts at 90 degrees to each other within 1inch of each other and within 4 inches from exhaust house flange.
- Auto Trans reverse lockout and neutral safety required on Auto Trans
- Auto Trans locking-type dipstick required
- Liquid Overflow required
- Working taillight required. Flashing ,blinking , or strobe lights prohibited
- Steel Valve stems in all tubeless tires required
- Drive line loop required
- SFI Spec 16.1 or 16.5 or 16.6 driver restraints required
- SFI 1.1 or 1.2 Flywheel / Clutch running required
- SFI 6.1, 6.2, 6.3 Bellhousing or 9.1 Flywheel Shield required
- SFI 4.1 Transmission Shield required
- SFI 29.1 flexplate / 30.1 flexplate shield (AT equipped cars) required
- Aftermarket axles and axle retainers required
- SFI 18.1 Harmonic Balancer required
- A current NHRA chassis certification for running 9.99 seconds or quicker required
- A current NHRA license for running 9.99 seconds or quicker; or 135 mph and faster required
- SFI 3.2A/5 jackets and pants required
- SFI 3.3 neck collar required
- SFI 3.3/5 gloves required
- SFI 3.3/5 boots or shoes required
- Full Face Helmet (Must have helmet meeting Snell M2015, M2020, SA2015, SA2020. Shield Mandatory (goggles prohibited)
- SFI 45.1 Roll Cage padding required
- Parachute required if running 150mph or faster
- Air Shutoff required on mechanical fuel pump engines
- Auto Trans and lower engine containment device required
- Master Electrical Shutoff (must be located at rear of vehicle and outside the body)
- SFI 27.1 Window Net required
- Antifreeze Prohibited

#### **IF RUNNING 8.50 (5.35 in 1/8<sup>th</sup>) seconds or quicker**

- A current NHRA chassis certification and license for running 8.49 seconds or quicker

#### **IF RUNNING 7.49 (4.50 in 1/8<sup>th</sup>) seconds or quicker; or 150 mph and faster**

- A current NHRA Advanced ET chassis certification running 7.49 seconds or quicker
- A current NHRA Advanced ET license running 7.49 seconds or quicker
- SFI 38.1 Head & Neck restraints required
- SFI 3.2A/15 Jacket and pants required
- SFI 3.3/5 Boots or shoes required
- SFI 3.3/15 Gloves required
- SFI 3.3 Headsock or Skirted helmet required
- Dual Parachute mandatory

## **2024 DIESEL DRAG RACING SERIES**

### **RULES AND CLASSES**

#### **NHRDA Pro Street**

#### **Class Abbreviation - PS**

- Vehicle must qualify (or have qualified in prior event in 2023) and run (6.60) seconds or quicker.
- Heads-up class (1/8 mile)
- 4/10ths Pro Tree
- Pro ladder by ET
- Lane choice by quickest ET
- Auto Start on (7 seconds)
- Must have a current NHRDA membership, competition number and class abbreviation on vehicle
- NHRDA & Hot Shot's Secret decals must be displayed on both sides of the vehicle and be in plain view
- Minimum weight: 4400 lbs (w/ Driver) +/- 1%
- Maximum weight: 5000 lbs (w/ Driver) +/- 1%
- Maximum of 250 lbs securely mounted ballast is permitted per NHRA guidelines
- Full tube chassis are allowed.
- Vehicle must have NHRA Chassis certification to run 6.40 seconds and faster
- All exhaust must exit up and away from race vehicle with (2) 5/16 grade 5 bolts at 90 degrees to each other within 1inch of each other and within 4 inches from exhaust house flange.
- Auto Trans reverse lockout and neutral safety required on Auto Trans
- Liquid Overflow required
- Working taillight required. Flashing ,blinking , or strobe lights prohibited
- Steel Valve stems in all tubeless tires required
- Drive line loop required
- SFI Spec 16.1 or 16.5 or 16.6 driver restraints required
- SFI 1.1 or 1.2 Flywheel / Clutch required
- SFI 6.1, 6.2, 6.3 Bellhousing or 9.1 Flywheel Shield required
- SFI 3.2A/1 jacket required
- Helmet Certified to SNELL 2015 or 2020, or certified to SFI Specs 31.1/2020, 31.1/2015, 41.1/2020 or 41.1/2015 required
- Air Shutoff required on mechanical fuel pump engines
- Master Electrical Shutoff (must be located at rear of vehicle and outside the body)
- A current NHRA chassis certification for running 6.39 seconds or quicker required
- A current NHRA license for running 6.39 seconds or quicker; or 135 mph and faster required
- Auto Trans & lower engine containment device required.
- Antifreeze Prohibited

#### **IF RUNNING 6.99 in 1/8<sup>th</sup> seconds or quicker**

- SFI 4.1 Transmission Shield required
- Aftermarket axles and axle retainers required
- SFI 18.1 Harmonic Balancer required
- Auto Trans locking-type dipstick required
- Roll Cage and SFI 45.1 roll cage padding required with altered floor plans or non-OEM firewall (SFI 27.1 Window net then required)

#### **IF RUNNING 6.39 in 1/8<sup>th</sup> seconds or quicker; or 135 mph and faster**

- Must have a current NHRA chassis certification running 6.39 seconds or quicker
- Must have a current NHRA license running 6.39 seconds or quicker; or 135 mph and faster
- SFI 3.2A/5 jackets and pants required
- SFI 3.3 neck collar required
- SFI 3.3/5 gloves required
- SFI 3.3/5 boots or shoes required
- SFI 29.1 flexplate / 30.1 flexplate shield (AT equipped cars) required
- Full Face Helmet (Must have helmet meeting Snell M2015, M2020, SA2015, SA2020. Shield Mandatory (goggles prohibited)
- SFI 45.1 Roll Cage padding required
- Parachute running 150 mph or faster
- SFI 25.6 Chassis Certification for Full Bodied Car/Truck with Stock or Modified/OEM Floorplan with Firewall with OEM Frame or Uni-Body Construction, running **5.35 to 5.00 ET**, 5,000 lbs Maximum

## **NHRDA Super Street (5.90 index)      Class Abbreviation – SS**

- Heads-Up class with 5.90 Index (1/8<sup>th</sup> mile)
- 4/10ths Pro Tree
- Pro ladder by closest to the 5.90 index without going under
- Lane choice by closest to the 5.90 index without going under
- Auto Start on (7 seconds)
- Must have a current NHRDA membership, competition number and class abbreviation on vehicle
- NHRDA & Hot Shot's Secret decals must be displayed on both sides of the vehicle and be in plain view
- Vehicle must have NHRA Chassis certification to run 6.40 seconds and faster
- All exhaust must exit up and away from race vehicle with (2) 5/16 grade 5 bolts at 90 degrees to each other within 1inch of each other and within 4 inches from exhaust house flange.
- NHRA and/or IHRA approved roll bar and roll bar padding required
- Battery(s) can be mounted in a non OEM position but must be mounted in NHRA approved box
- Master electrical cutoff required if battery is moved from OEM position.
- Auto Trans reverse lockout and neutral safety required on Auto Trans
- Working taillight required. Flashing ,blinking , or strobe lights prohibited
- Liquid Overflow required
- Steel valve stems in all tubeless tires required
- Drive line loop required
- Helmet Certified to SNELL 2015 or 2020 standards, or certified to SFI Specs 31.1/2015, 31.1/2020, 41.1/2015 or 41.1/2020 required
- SFI 1.1 or 1.2 Flywheel / Clutch required
- SFI 6.1, 6.2 or 6.3 Bellhousing or 9.1 Flywheel shield required
- SFI 3.2A/1 jacket required
- SFI Spec 16.1 or 16.5 or 16.6 driver restraints required
- Antifreeze Prohibited
- SFI 4.1 Transmission Shield required
- SFI 18.1 Harmonic Balancer required
- Roll Cage and SFI 45.1 roll cage padding required with altered floor plans (SFI 27.1 window net then required)
- Aftermarket axles and axle retainers required
- Auto trans locking-type dipstick required

### **IF RUNNING 6.39 seconds or quicker; or 135 mph and faster**

- Must have a current NHRA chassis certification for 6.39 or 135 mph and faster
- Must have a current NHRA license for 6.39 or 135 mph and faster
- Full Face Helmet (Must have helmet meeting Snell M2015, M2020, SA2015, SA2020. Shield Mandatory (goggles prohibited)
- SFI 3.2A/5 Jacket and Pants required
- SFI 3.3 Neck Collar required
- SFI 3.3/5 Gloves required
- SFI 3.3/5 Boots or shoes required
- SFI 29.1 Flexplate / 30.1 Flexplate shield (AT equipped cars) required
- SFI 45.1 Roll cage padding required
- SFI 27.1 Window Net required.

## **NHRDA 6.70 Index**

## **Class Abbreviation – 6.70 Index**

- Heads-Up class with 6.70 Index (1/8<sup>th</sup> mile)
- 5/10ths Pro Tree
- Pro ladder by closest to the 6.70 index without going under
- Lane choice by closest to the 6.70 index without going under
- Auto Start on (10 seconds)
- Must have a competition number and class abbreviation on vehicle
- NHRDA & Hot Shot's Secret decals must be displayed on both sides of the vehicle and be in plain view
- All Exhaust must exit up and away from vehicle
- Vehicle must have all safety requirements to run 6.70 seconds and faster
- NHRA and/or IHRA approved roll bar and SFI 45.1 roll bar padding required
- Fuel cells are permitted and do not have to be mounted in stock location.
- Battery(s) that are not forward of OEM Firewall, but must be mounted in an approved box.
- Master electrical cutoff required if battery is moved from non-OEM position. (Cutoff must be located at the rear of the vehicle and outside of the body)
- Auto Trans reverse lockout and neutral safety required on Auto Trans
- Working taillight required. Flashing ,blinking , or strobe lights prohibited
- Liquid Overflow required
- Steel valve stems in all tubeless tires required
- Drive line loop required
- SFI 6.1, 6.2 or 6.3 Bellhousing or 9.1 Flywheel shield required
- SFI 3.2A/1 jacket required
- SFI Spec 16.1 or 16.5 or 16.6 driver restraints required.
- Helmet Certified to SNELL 2015 or 2020 standards, or certified to SFI Specs 31.1/2015, 31.1/2020, 41.1/2015 or 41.1/2020
- Auto trans locking-type dipstick required
- Roll Cage and SFI 45.1 roll bar padding required with altered floor plans or non-OEM firewall (SFI 27.1 window net then required)
- SFI 18.1 Harmonic Balancer required

## **NHRDA Super Diesel (7.70 Index)**

## **Class Abbreviation - SD**

- Heads-Up class with 7.70 index (1/8<sup>th</sup> mile)
- 5/10ths Pro Tree
- Ladder at 16 or less competitors
- Pro ladder by closet to index, without going under
- Lane choice by closest to 7.70 index, without going under
- Auto Start on (10 seconds)
- Must have a current NHRDA membership, competition number and class abbreviation on vehicle
- NHRDA & Hot Shot's Secret decals must be displayed on both sides of the vehicle and be in plain view
- All Exhaust must exit up and away from vehicle
- DOT (street tires) tire(s) must meet OEM manufacture's recommend load index
- Pants, Sleeved t-shirt and shoes required
- Auto Trans reverse lockout and neutral safety required on Auto Trans
- Delay boxes are NOT permitted
- Liquid overflow required
- Working taillight required. Flashing ,blinking , or strobe lights prohibited
- Drive line loop required
- Helmet Certified to SNELL 2015 or 2020 standards, or certified to SFI Specs 31.1/2015, 31.1/2020, 41.1/2015 or 41.1/2020
- Steel Valve Stems in all tubeless tires if running 7.70 seconds or quicker
- Aftermarket Turbos requires a SFI 3.2A/1 jacket

## NHRDA Sportsman Diesel

## Class Abbreviation – SM

- Bracket racing class (1/8<sup>th</sup> mile)
- 5/10ths Full Tree
- Dial time of 6.40 seconds or slower
- Ladder at 16 or less
- Sportsman ladder by RT
- Auto Start is on (10 seconds)
- Lane choice by best reaction time
- Must have a current NHRDA membership, competition number and class abbreviation on vehicle
- NHRDA & Hot Shot's Secret decals must be displayed on both sides of the vehicle and be in plain view
- DOT (street tires) tire(s) must meet OEM manufacture's recommend load index
- Pants, Sleeved t-shirt and shoes required
- Auto Trans reverse lockout and neutral safety required on Auto Trans
- Liquid overflow required
- Working taillight required. Flashing ,blinking , or strobe lights prohibited
- Seatbelts required
- Drive line loop required if running DOT slicks at 8.59 seconds or quicker
- Helmet Certified to SNELL 2015 or 2020 standards, or certified to SFI Specs 31.1/2015, 31.1/2020, 41.1/2015 or 41.1/2020 required if running 8.59 seconds or quicker
- Deep Staging Permitted
- Aftermarket Turbos require a SFI 3.2A/1 jacket
- **Recommend** - Exhaust to exit up and away from vehicle. If vehicle smokes out lights for any reason in eliminations vehicle and driver will be disqualified from event.

## NHRDA Hot Rod Semi

## Class Abbreviation – HS

- Heads-Up class (1/4 mile)
- 4/10ths Pro Tree
- Pro ladder by ET
- Lane choice by quickest ET
- Auto Start on ( 7 seconds)
- Must have a current NHRDA membership, competition number and class abbreviation on vehicle
- NHRDA & Hot Shot's Secret decals must be displayed on both sides of the vehicle and be in plain view
- Vehicle must be legal to run 13.99 or faster to enter competition in this class
- Roll cage is mandatory on any truck running 13.99 (8.59) seconds or quicker. Roll cage configuration must follow Full Bodied configuration found in the NHRA Rulebook. Any truck running 13.99 (8.59) seconds and quicker must be inspected by NHRA and have a 2023 Exhibition Vehicle Rulebook Supplement 6 valid NHRA Sportsman Chassis Certification sticker affixed to the roll cage prior to participation, on a two-year interval. Tubing size: Hot Truck: 1 3/4-inch x .095-inch chromoly only Stock Truck: 1 5/8-inch x .083-inch chromoly; or 1 5/8-inch x .118-inch mild steel.
- This category is reserved for 18-wheeler, class 8 truck, over-the-road-type trucks only.
- Body must resemble a class 8 truck. Can be original or replica. Must have cab, hood, and grill. (Hood must at least cover the top of the engine completely )
- Engine, transmission, and differential must be from a class 8 truck. (Minimum 9.6 litter engine or bigger). Any internal modifications permitted. Nitrous oxide, Supercharger, turbochargers, water injection, etc.
- Nitrous bottles may not be in drivers compartment.
- Engine must in front of firewall and engine set back not to be greater than 12 inches from center of front axle.
- Factory class 8 truck frame rails only. Minimum 1/4 inch thick and 9 1/2 inch wide.
- Tire minimum front, 19.5 tubeless. Wheels must be OEM and not modified and for use on class 8 truck
- Tire minimum rear must be class 8 rated and can be slicks. Wheels must be 22.5 or 24.5 OEM and not modified.
- Body must resemble a class 8 truck. Can be original or replica. Must have cab, hood, and grill. (Hood must cover the top of the engine completely)
- Windshield, door window OEM safety glass or Lexan or Plexiglas replacement permitted
- Batteries must be securely mounted; may not be in driver's compartment.
- Drivers in trucks running 13.99 (8.59) seconds or quicker must wear a jacket meeting SFI Spec 3.2A/1.

- Four-wheel hydraulic or air brakes mandatory. Air brake systems must have sufficient air-tank capacity to always maintain minimum 65 psi of pressure. Dual air line maxi chambers required for air brakes.
- Stock-type suspension required. Must be beam-type axle with leaf springs. Class 8 truck rated
- Any Tube Chassis are prohibited
- All exhaust must exit up and away from race vehicle with (2) 5/16 grade 5 bolts at 90 degrees to each other within 1inch of each other and within 4 inches from exhaust house flange.
- Auto Trans reverse lockout and neutral safety required on Auto Trans. All Auto trans must have tranny blanket
- Liquid overflow required
- Working taillight required. Flashing ,blinking , or strobe lights prohibited
- Drive line loop required
- Helmet meeting Snell M2015, M2020, SA2015, SA2020 or SFI 31.1/2015, 31.1/2020, 41.1/2015 or 41.1/2020
- 3inch driver restraint system meeting SFI Spec 16.1 or two inch meeting SFI Spec. 16.5, including crotch strap, mandatory
- Master electrical cutoff required if battery is moved from non-OEM position. (Cutoff must be located at the rear of the vehicle and outside of the body)

## **NHRDA Big Rig Bracket**

## **Class Abbreviation - BR**

- Bracket racing class
- 5/10ths Full Tree
- Dial time of 14.00 seconds or slower
- Ladder at 16 or less
- Sportsman ladder by RT
- Auto Start is on (10 seconds)
- Lane choice by best reaction time
- Must have a current NHRDA membership, competition number and class abbreviation on vehicle
- NHRDA & Hot Shot's Secret decals must be displayed on both sides of the vehicle and be in plain view
- This category is reserved for 18-wheeler, over-the-road-type trucks only. Pickups, passenger cars, vans, etc. are prohibited.
- Weight limitation of 18,000 Maximum
- Minimum front tire, 10.00 x 20-inch or tubeless equivalent. Wheels must be OEM for use on 18-wheeler-type truck.
- Pants, Sleeved t-shirt and shoes required
- Auto Trans reverse lockout and neutral safety required on Auto Trans
- Liquid overflow required
- Working taillight required. Flashing ,blinking , or strobe lights prohibited
- 4 wheel hydraulic or Air brakes mandatory. Air brakes must have air-tank capacity to always maintain minimum 65 psi.
- Stock-type suspension required. Must be beam-type axle with leaf springs.
- Seatbelt required and must be worn during competition
- Note – some tracks we compete at do require helmets for all competitors, make sure to contact NHRDA or track to verify. If helmet is required then must meet Snell M2015, M2020, SA2015, SA2020 or SFI 31.1/2015, 31.1/2020, 41.1/2015 or 41.1/2020

## **NHRDA OUTLAW SEMI CLASS**

## **Class Abbreviation – OS**

### **Exhibition class**

- Heads-Up class (1/4 mile)
- 4/10ths Pro Tree
- Pro ladder by ET
- Lane choice by quickest ET
- Auto Start on ( 7 seconds)
- Must have competition number and class abbreviation on vehicle
- NHRDA & Hot Shot's Secret decals must be displayed on both sides of the vehicle and be in plain view
- Body must resemble a class 8 truck. Can be original or replica. Must have cab and grill.
- Roll cage is mandatory on any truck running 13.99 (8.59) seconds or quicker. Roll cage configuration must follow Full Bodied configuration found in the NHRA Rulebook. Any truck running 13.99 (8.59) seconds and quicker must be inspected by NHRA and have a 2023 Exhibition Vehicle Rulebook Supplement 6 valid NHRA Sportsman Chassis Certification sticker affixed to the roll cage prior to participation, on a two-year interval. Tubing size: Hot Truck: 1 3/4-inch x .095-inch chromoly only Stock Truck: 1 5/8-inch x .083-inch chromoly; or 1 5/8-inch x .118-inch mild steel.



- Any frame rails permitted. Tube chassis must meet roll cage material specifications and have NHRA certification.
- Drivers in trucks running 13.99 (8.59) seconds or quicker must wear a jacket meeting SFI Spec 3.2A/1.
- This category is reserved for 18-wheeler, class 8 truck, over-the-road-type trucks only.
- Engine and transmission must be from a class 8 truck. (Minimum 9.6 liter engine or bigger). Any internal modifications permitted. Nitrous oxide, Supercharger, turbochargers, water injection, etc.
- Nitrous bottles may not be in drivers compartment.
- Engine must in front of firewall.
- Front Tire and wheel, DOT (street tires) tire(s) must meet OEM manufacture's recommend load index
- Rear Tire must be class 8 rated and tires can be slicks. Wheels must be 22.5 or 24.5 OEM and can be modified.
- Windshield, door window OEM safety glass or Lexan or Plexiglas replacement permitted
- Batteries must be securely mounted; may not be in driver's compartment.
- Four-wheel hydraulic or air brakes mandatory. Air brake systems must have sufficient air-tank capacity to always maintain minimum 65 psi of pressure. Dual air line maxi chambers required for air brakes.
- Any front suspension permitted. Independent or beam style, etc.
- All exhaust must exit up and away from race vehicle with (2) 5/16 grade 5 bolts at 90 degrees to each other within 1 inch of each other and within 4 inches from exhaust house flange.
- Auto Trans reverse lockout and neutral safety required on Auto Trans. All Auto trans must have tranny blanket
- Liquid overflow required
- Working taillight required. Flashing ,blinking , or strobe lights prohibited
- Drive line loop required
- Helmet meeting Snell M2015, M2020, SA2015, SA2020 or SFI 31.1/2015, 31.1/2020, 41.1/2015 or 41.1/2020
- 3inch driver restraint system meeting SFI Spec 16.1 or two inch meeting SFI Spec. 16.5, including crotch strap, mandatory
- Master electrical cutoff required if battery is moved from non-OEM position. (Cutoff must be located at the rear of the vehicle and outside of the body)

## **Basic NHRA Rules and Safety for ET and MPH: See NHRA rulebook for any updates & amendments.**

### **14.00 seconds and slower 1/4 mile (8.60 1/8<sup>th</sup> mile): For all vehicles going down the track**

- Pants, Sleeved t-shirt and shoes
- Auto trans reverse lockout
- Neutral Safety switch
- Liquid overflow
- Working taillights
- Seatbelts
- Master Electrical shutoff (if battery has been moved from OEM position)

### **13.99seconds and quicker 1/4 mile (8.59 1/8<sup>th</sup> mile): Previous rules apply including but not limited to the following**

- Drive line loop with slicks
- Helmet meeting Snell M2015, M2020, SA2015, SA2020 or SFI 31.1/2015, 31.1/2020, 41.1/2015 or 41.1/2020
- SFI 3.2A/1 or higher jacket required for vehicles with a non-OEM installed turbocharger

### **11.99 seconds and quicker 1/4 mile (7.49 1/8<sup>th</sup> mile): Previous rules apply including but not limited to the following**

- Steel Valve Stems in all tubeless tires

### **11.49 seconds and quicker 1/4 mile (7.35 1/8<sup>th</sup> mile): Previous rules apply including but not limited to the following**

- SFI 1.1 or 1.2 Flywheel / Clutch
- SFI 6.1, 6.2, 6.3 Bellhousing or 9.1 Flywheel shield
- SFI 3.2A/1 approved jacket
- Roll Bar and SFI 45.1 roll bar padding
- SFI Spec 16.1 or 16.5 or 16.6 driver restraints required
- Drive line loop on all vehicles

### **10.99 seconds and quicker 1/4 mile (6.99 1/8<sup>th</sup> mile): Previous rules apply including but not limited to the following**

- SFI 4.1 Transmission shield
- Aftermarket axles and axle retainers
- SFI 18.1 Harmonic Balancer
- Roll Cage with altered floor plans or non-OEM firewall or 135 mph – SFI 27.1 window Net required
- Auto trans locking-type dipstick
- SFI 45.1 Roll Cage padding

**9.99 seconds and quicker 1/4 mile (6.39 1/8<sup>th</sup> mile) or 135 mph: Previous rules apply including but not limited to the following**

- NHRA Chassis Certification
- NHRA Competition License
- SFI 3.2A/5 jacket and pants
- SFI 3.3 neck collar
- SFI 3.3/1 gloves or higher
- SFI 3.3/5 boots or shoes
- SFI 29.1 flexplate / 30.1 flexplate shield (AT equipped cars)
- Full Face Helmet (Must have helmet meeting Snell SA2020, SAH2020, K2020, M2020, SA2015, SAH2015, K2015, M2015, or SFI 31.1/2015,41.1/2015, 31.1/2020 or 41.1/2020 specs. required)
- SFI 45.1 Roll cage padding
- SFI 27.1 window net
- Master Electrical Shutoff (must be located at rear of vehicle and outside the body)

**150 mph: Previous rules apply including but not limited to the following**

- Parachute
- SFI 38.1 head and neck restraints

**8.49 to 7.99 seconds 1/4 mile (5.35 to 5.00 1/8<sup>th</sup> mile) 5,000 lbs Maximum: Previous rules apply including the following**

- Full Bodied Car/Truck with a Stock or Modified/OEM Floorplan with Firewall with OEM Frame or Uni-Body Construction weighing a Maximum of 5,000 lbs must have SFI 25.6 certification

**7.49 seconds and quicker 1/4 mile (4.49 1/8<sup>th</sup> mile): Previous rules apply including but not limited to the following**

- NHRA Advanced ET Competition License
- NHRA Advanced ET Chassis Certification
- SFI 38.1 head and neck restraints
- SFI 3.2A/15 jacket and pants
- SFI 3.3/5 gloves
- SFI 3.3/5 boots or shoes
- SFI 3.3 headsock or skirted helmet
- SFI 45.1 Roll Cage padding
- Dual Parachute mandatory

**National Championship Points**

All NHRDA sanctioned events will counts towards the NHRDA Hot Shot’s Secret Diesel Drag Racing Series National Championship Points standings. The World Finals will count as double points towards the National Championship Points standings.

**National Points Classes**

All NHRDA drag racing classes will have Nationals Points race. The driver with the most National Points from 3 of 5 events at the conclusion of the World Finals will be crowned the National Points Champion.

**National Points System**

10 championship points will be awarded for passing tech. 30 championship points will be awarded for all competitors that lose 1<sup>st</sup> round of eliminations. Competitors are then awarded 10 points for every round they win and the winner will be awarded 10 points for the win. (i.e.: winner of a class with 12 trucks would get 10 points for passing tech + 30 points for showing up 1<sup>st</sup> round + 10 points per round win (4 rounds) + 10 points for winning = 90 points.

**Bonus Points**

Number one qualifier in each class will receive 10 bonus points. Any racer that receives credit for a new ET or MPH record at an event will receive 10 bonus points. The record has to be the new record at the end of the event. 10 points will be awarded for each the ET and MPH record.

**POINTS WILL BE AWARDED IN THIS ORDER**

Number of Trucks	1 <sup>st</sup> Round loss	2 <sup>nd</sup> Round Loss	3 <sup>rd</sup> Round Loss	4 <sup>th</sup> Round Loss	5 <sup>th</sup> Round Loss	R/U	WIN
1							50
2						40	60
3 -4	40					50	70
5-8	40	50				60	80
9-16	40	50	60			70	90
17-32	40	50	60	70		80	100
33-64	40	50	60	70	80	90	110

### **Laddered Class No Show Points**

Once a class is laddered, points will be awarded to the competitors no matter if they show up for eliminations or not. For example if a competitor is a no show in round 1 of a class that is on a ladder, that competitor will receive the 30 points for losing round 1.

### **Non-Laddered Rounds No Show Points**

Competitors that are no shows in non-laddered classes will receive points for the last round that they competed in. For example if a competitor is a no show for 1<sup>st</sup> round of eliminations, that competitor will only receive the 10 points for passing tech. If a competitor is a no show for 2<sup>nd</sup> round of eliminations and the class is still not on a ladder, the competitor will only receive the 30 points for losing 1<sup>st</sup> round and the 10 points for passing tech.

### **Throw Away Races**

All competitors will be able to throw away one of their worst races from counting towards their 2023 National Championship Points. For example if you don't show up to events that will be considered a 0 and that would be a throw away race.

### **Disqualification**

When a competitor is disqualified from an event, the competitor will only receive 10 points for passing tech. The competitor will not receive any payout money or contingency money. The competitor will also not receive any sort of refund.

### **Drones**

Drones are prohibited at all NHRDA events. The use of a drone by a team/crew member of a race team may result in the immediate disqualification from the event.

### **Competitors**

All competitors in all NHRDA classes must have current NHRDA membership and comply with all rules and regulations to be awarded points at sanctioned event.

### **Competing In More Than One Class**

All Pro classes including Super Street (5.90 index) may only compete in one pro class per event.

Other members wishing to compete in more than one class must purchase a separate tech card for each class and pass tech for each class and may only enter a maximum of 2 classes. When competing in more than one class it is the responsibility of the driver to make it to staging when called if competitor does not make to staging lanes it will result in automatic disqualification. A driver may enter multiple classes in the same vehicle providing that the vehicle is legal to compete in each class. A driver may not be entered in a class more than once. A vehicle may only be entered once per class. Once eliminations have started no vehicle changes will be allowed. If a vehicle change is needed, it must take place during qualifying and the vehicle must not be entered in the same class.

### **National Championship Points Tie-Breakers**

In the event of a tie for 1<sup>st</sup> place in National Championship points, the 1<sup>st</sup> tiebreaker will be driver with the most event wins. If a tie still exists the 2<sup>nd</sup> tie-breaker will be the driver with the most final round appearances. The 3<sup>rd</sup> tie-breaker will be the driver with the most head to head wins. 4<sup>th</sup> tie-breaker will be who is at the World Finals. The final tie-breaker will be a head to head race to be run to determine the National Championship.

### **Inclement Weather Rule**

In the case a race is cancelled before any qualifying runs are made the NHRDA will attempt to have the race rescheduled. If the track is unable or unwilling to give the NHRDA a reschedule date, 10 points will be awarded to all racers that have purchased and turned in their tech card. If any qualifying or elimination runs are made championship points will be awarded as follows: *(NOTE: Tower Records will be used to determine points awarded)*

### **Race Cancelled During Qualifying**

In case a race is cancelled during qualifying, 10 points will be awarded to all racers that have turned in their tech cards. Classes that complete at least one qualifying session will be awarded 10 championship points.

### **Race Cancelled During First Round Eliminations**

In case a race is cancelled during the first round of eliminations, qualifying championship points will be awarded. Competition classes that complete the first round of eliminations will be awarded points in the normal manner.

### **Race Cancelled During Subsequent Rounds**

In case a race is cancelled after the first round, championship points earned will revert to the last complete round of eliminations. Competition classes that complete subsequent rounds of eliminations will be awarded points in the normal manner. This includes bonus points if the race is cancelled during the final round of competition.

### **Entry Fees**

If a race is cancelled before any qualifying runs are made there will be NO REFUNDS, 10 points will be awarded to all racers that have purchased and turned in their tech card to the NHRDA. Your general admission event issued wristband is good for use toward entry up to one year at any NHRDA sanctioned event. You must pay any price difference due to price increases, fees, etc. and you must have your event issued wristband for used toward entry. The NHRDA is not responsible for track refund/rain check policies.

### **National Record Program**

The NHRDA national record is the standard of performance in diesel drag racing. These national records are established under controlled conditions at all NHRDA Championship Series events throughout the season.

Each record run is made under close observation of starting procedures, running, finish, and timing. Each vehicle is thoroughly inspected to determine its compliance with class requirements. In a sport where records play such a vital role, every effort is made to maintain their accuracy and validity. In order to ensure the validity of all new records, a backup performance of within one percent of the new mark is required at the same event. In the event that two runs exceed the existing record but are not within one percent of each other, the quicker time or faster speed will be acceptable as the backup for the slower time, which will stand as the new record.

Elapsed-time records will be recorded and listed to the thousandth of a second. Speed records will be to the hundredth of a mile per hour. If two contestants tie for the elapsed-time record to the thousandth of a second at the same event, the tiebreaker will be the fastest mile-per-hour reading for the run that established the record. In the event a tie still exists, the contestant accomplishing the record run earlier in the event will be awarded the record. If the record is tied at a later race, the record will stay with the driver who set it first. Similarly, if two contestants tie for the speed mark, the tiebreaker will be the quickest elapsed time on the run that established the new national record. Pro/Super Street contestants may set speed marks independent of elapsed-time records; records may be set until the driver is eliminated from further competition; previous runs acceptable as one percent record backup.

A contestant cannot set records with one vehicle, and then compete in eliminations with another vehicle. Only the driver holding the record at the conclusion of the event will be credited with the record.

A driver setting then losing a record at the same event will not receive credit for establishing a record.

10 bonus points will be awarded at the end of the event to the driver that has set and received credit for new ET record.

10 bonus points will be awarded at the end of the event to the driver that has set and received credit for new MPH record.

**Any interpretation or deviation of these rules is left to the discretion of the NHRDA Officials. Their decision is final.**