

5. A sketch or sketches of the track and associated areas, as near to scale as practicable, indicating the location of required safety features such as hub rails, fences, light or flagman positions, spectator seating, entrances and exits, pit facility locations and other physical factors affecting the safety of spectators and participants. This requirement shall not apply to locations licensed prior to January 1, 1963, unless alterations are made to the track and associated areas on or after January 1, 1963.

Amended by R.1995 d.206, effective April 17, 1995.
See: 27 N.J.R. 445(a), 27 N.J.R. 1622(a).

13:62-2.2 Licensee's responsibility

The licensee is responsible for any violations of N.J.S.A. 5:7-8 et seq. or any of the provisions of this chapter.

13:62-2.3 Restrictions upon licensee

(a) The Superintendent may impose reasonable restrictions upon any licensee.

(b) The restrictions may include, but shall not be limited to:

1. Requirements for special protective devices for the participants in, or spectators attending, any race or exhibition; and/or
2. Limitations concerning spectator areas; and/or
3. Limitations concerning types of events and classes of vehicles; and/or
4. Requirements for the protection of participants and spectators.

(c) The licensee will comply with any special restriction imposed by the Superintendent after receiving written notice thereof from the Superintendent.

13:62-2.4 Procedures for approval of unspecified events

(a) When a licensee requests for approval to conduct a racing event as defined herein which is not specifically addressed by these rules, the licensee shall apply to the Superintendent for approval for the conduct of said event. Approval shall not be granted unless the Superintendent is satisfied that:

1. The request for an approval was made in writing to the Superintendent at least 20 days prior to the racing event;
2. The request contains a sufficient description of the event; and
3. The approval will not adversely affect the safety of the public or participants at a racing event.

13:62-2.5 Demonstration events

(a) Licensees may apply in writing to the Superintendent for permission to suspend application of a specific rule or

rules applicable to an event and to conduct such event under a modified rule or rules for the purpose of evaluation.

(b) The request for modification shall be submitted at least 20 days in advance of the first scheduled event and shall include a complete description of the event or events to be conducted, a citation to the rule or rules for which modification is requested, the modified rule or rules for which approval is requested, a statement of the purpose of the modification, and a schedule of events to be conducted under the modified rule.

(c) The Superintendent shall approve the request as submitted, or approve the request subject to conditions, or deny the request based upon an evaluation of the potential impact of the modification on the safety of spectators and participants. Only the licensee submitting the request shall conduct events in accordance with an approved modified or suspended rule.

(d) A request for approval of a demonstration event may be submitted in connection with a petition for rulemaking pursuant to N.J.S.A. 52:14B-4(f).

New Rule, R.1998 d.354, effective July 20, 1998.
See: 30 N.J.R. 1369(b), 30 N.J.R. 2636(a).

Former N.J.A.C. 13:62-2.5, Infield pit areas; inspection, was recodified to N.J.A.C. 13:62-2.6.

13:62-2.6 Infield pit areas; inspection

(a) Tracks having the pit area in the infield of a substantially circular or oval track will be subject to special inspection to determine whether arrangements are sufficient to provide reasonable protection for pit area personnel.

(b) Such inspection will be made following application to the Superintendent which shall be filed in conjunction with the application for the race track license.

Recodified from N.J.A.C. 13:62-2.5 by R.1998 d.354, effective July 20, 1998.

See: 30 N.J.R. 1369(b), 30 N.J.R. 2636(a).

Former N.J.A.C. 13:62-2.6, Alcoholic beverages and drugs, was recodified to N.J.A.C. 13:62-2.7.

13:62-2.7 Alcoholic beverages and drugs

(a) No alcoholic beverages, nor narcotic, hallucinogenic or habit producing drugs will be permitted on the race track proper, the pit area, or any other area having unrestricted access to the race track proper. No person who has partaken of any alcoholic beverage or narcotic, hallucinogenic or habit producing drug in any amount whatsoever shall participate in any race or exhibition of driving skill, or perform any duties in the pit or pit area.

(b) Any vehicle containing alcoholic beverages or narcotic, hallucinogenic or habit producing drugs, and any person found to have partaken of alcoholic beverages or narcotic, hallucinogenic or habit producing drugs shall be removed

from the pit area as soon as is practicable and shall be prohibited from returning to the pit area.

(c) No person who has been convicted of the use or possession of a controlled dangerous substance, as provided in the Comprehensive Drug Reform Act of 1986, N.J.S.A. 2C:35-1 et seq., shall be permitted to enter into a pit area for a period of one year from the date of conviction.

Recodified from N.J.A.C. 13:62-2.6 by R.1998 d.354, effective July 20, 1998.

See: 30 N.J.R. 1369(b), 30 N.J.R. 2636(a).

Former N.J.A.C. 13:62-2.7, Pit credentials, was recodified to N.J.A.C. 13:62-2.8.

13:62-2.8 Pit credentials

(a) The track management shall be responsible for the issuance of pit credentials and only those credentials issued by the track management shall be recognized as valid.

(b) Only persons holding pit credentials shall be admitted to the pit area or racing area.

(c) Reporters and photographers of the working press in possession of valid pit credentials shall be limited to safe areas.

(d) The issuance of pit credentials shall be limited to:

1. Participating pit crew members age 17 and above, with a maximum of eight, which includes the driver;
2. Drivers having cars entered in one of the events in the race;
3. Members of the track staff having business in the pit area;
4. Race officials; and
5. Accredited photographers and reporters of the working press.

(e) The track management shall be responsible for the checking of credentials of persons entering the pit area to determine that no person shall enter the pit area or engage in a race or exhibition unless such person shall produce credentials showing age which satisfies the age requirement for a particular event. For 17 year olds, a photo drivers license or other valid photo identification and a copy of the birth certificate shall be produced.

(f) The licensee or the Superintendent may require a person to produce satisfactory evidence attesting to said person's physical and mental well-being as a prerequisite to obtaining permission to enter the pit area. Such evidence shall be on a form signed by a New Jersey licensed physician.

(g) No one under the age of 17 is to be permitted in the pit area, staging lanes or track surface.

(h) Flagmen and starters at all racing events shall be at least 18 years of age.

(i) Mechanics must wear pants while working on their respective vehicles.

(j) Drivers are not permitted to wear shorts while competing.

(k) Track staff will wear pants, at all times, while working in a race event.

Amended by R.1995 d.206, effective April 17, 1995.

See: 27 N.J.R. 445(a), 27 N.J.R. 1622(a).

Recodified from N.J.A.C. 13:62-2.7 by R.1998 d.354, effective July 20, 1998.

See: 30 N.J.R. 1369(b), 30 N.J.R. 2636(a).

Former N.J.A.C. 13:62-2.8, Announcements, was recodified to N.J.A.C. 13:62-2.9.

Amended by R.2001 d.354, effective October 1, 2001.

See: 33 N.J.R. 2250(a), 33 N.J.R. 3451(b).

Rewrote (d)1; in (e), added the last sentence; in (g), substituted "17" for "18".

13:62-2.9 Announcements

(a) The licensee shall be responsible to make a suitable announcement over the public address system in the pit area, advising the public and pit personnel of the following:

1. The minimum age of persons permitted in the pit area;
2. The prohibition against smoking in the area where fuel is stored or refueling of vehicles takes place;
3. The prohibition against the use of alcoholic beverages in the pit area;
4. The prohibition against the use of narcotic, hallucinogenic or habit producing drugs in the pit area; and
5. The speed limit of five miles per hour in the pit area.

(b) The announcement is to be made approximately 15 minutes before the start of the day's program and twice during the program.

(c) The licensee shall post a sign at all entrances to the pit area advising authorized persons in the pit area of the following:

1. The minimum age of persons permitted in the pit area;
2. The prohibition against the possession or use of alcoholic beverages or narcotic, hallucinogenic or habit producing drugs in the pit area; and
3. The prohibition against smoking in areas where fuel is stored or refueling of vehicles takes place; and
4. The speed limit of five miles per hour in the pit area.

Recodified from N.J.A.C. 13:62-2.8 by R.1998 d.354, effective July 20, 1998.

See: 30 N.J.R. 1369(b), 30 N.J.R. 2636(a).

Former N.J.A.C. 13:62-2.9, Monthly reports, was recodified to N.J.A.C. 13:62-2.10.

Amended by R.2001 d.354, effective October 1, 2001.

See: 33 N.J.R. 2250(a), 33 N.J.R. 3451(b).

Added (a)5 and (c)4.

13:62-2.10 Monthly reports

The licensee shall file with the Superintendent a monthly report on the form approved and provided by the Superintendent. This report shall include the date of racing events held in the reported month, the type of event, the attendance, the number of vehicles as well as an account of any other unusual incidents occurring at the track during the reporting period. The report shall further include the monthly schedule of events.

Recodified from N.J.A.C. 13:62-2.9 by R.1998 d.354, effective July 20, 1998.

See: 30 N.J.R. 1369(b), 30 N.J.R. 2636(a).

Former N.J.A.C. 13:62-2.10, Accident reports and impounding of certain vehicles, was recodified to N.J.A.C. 13:62-2.11.

13:62-2.11 Accident reports and impounding of certain vehicles

(a) Accidents involving injury or death must be reported to the office of the Superintendent, by telephone, no later than the first business day following the accident.

(b) Such a report must be followed within 48 hours by a complete written report of the accident.

(c) Any vehicle which is involved in a crash resulting in serious or fatal injuries to a driver or spectators thereof shall be impounded by the licensee and detained until such time as an inspection of the vehicle may be made by a representative of the Superintendent.

Recodified from N.J.A.C. 13:62-2.10 by R.1998 d.354, effective July 20, 1998.

See: 30 N.J.R. 1369(b), 30 N.J.R. 2636(a).

Former N.J.A.C. 13:62-2.11, Report of deaths to local police, was recodified to N.J.A.C. 13:62-2.12.

13:62-2.12 Report of deaths to local police

In addition to the reports to the Superintendent, the licensee shall report any accident resulting in a fatality to the police agency having jurisdiction by the quickest means available.

Recodified from N.J.A.C. 13:62-2.11 by R.1998 d.354, effective July 20, 1998.

See: 30 N.J.R. 1369(b), 30 N.J.R. 2636(a).

(d) When the amber lights are illuminated, all racing vehicles on the track shall slow down and maintain their position, unless otherwise directed to change position by a track official.

13:62-4.4 Flagmen

(a) Tracks over one mile in length may use flagmen in lieu of the red and amber lights, provided the assistant flagman in the starter's stand is in constant two-way radio or telephone communication with all flagmen.

(b) On display of the red flag all racing vehicles shall stop as soon as possible and remain stopped until such time as the red flag is removed from display.

(c) On display of the amber flag all racing vehicles shall slow down and maintain their position, unless otherwise directed to change position by a track official.

13:62-4.5 Starters

(a) The licensee shall provide a starter(s) located within a starter's stand with an unobscured view of the entire racing surface from which to control the racing event.

(b) The licensee shall provide an assistant flagman in the starter's stand at all circular or oval tracks, road courses and other locations utilizing the services of flagmen to control the event. The assistant flagmen used to control or start a race shall be in the starter's stand when starting and during the race.

13:62-4.6 Maximum protection

(a) All hubrails, fences, stands and buildings must be constructed and maintained so as to afford maximum protection for spectators.

(b) Any spectator stand erected or relocated on or after April 1, 1960, must be located at least 25 feet from the hubrail.

13:62-4.7 Safety belts, shoulder harness and crotch belt

(a) A quick release type safety belt, shoulder harness and crotch belt in good condition shall be compulsory on all vehicles.

(b) Both ends of the safety belt, shoulder harness and crotch belt must be fastened to the frame of the vehicle.

(c) All fittings and connections of the safety belt, shoulder harness and crotch belt shall be metal.

(d) All safety belts and shoulder harnesses shall be worn properly the entire time the vehicle is being driven in a race.

(e) All safety belts and shoulder harnesses shall bear the date of manufacture and shall not be used for more than five years from the date.

(f) The shoulder harness shall be secured to the frame of the vehicle and come over a round bar at the driver's shoulder height.

(g) No alterations shall be allowed to any manufactured design of seat belts.

13:62-4.8 Inspection of vehicles

(a) The licensee shall arrange for the inspection of each participating vehicle prior to the event, to determine that it meets the requirements of this chapter. The licensee shall prohibit vehicles not meeting the requirements of this chapter from participation or practice.

(b) Vehicles which are to be used in automobile races or exhibitions of driving skill are subject to unannounced inspection and approval at any time by the Superintendent or designee.

13:62-4.9 Number of persons in vehicle

No vehicle shall carry more than one person at any time during a race or warm-up, except that during a bona fide training period an instructor may accompany the trainee.

13:62-4.10 Seats

(a) A molded metal or fiberglass seat with openings which allow a seat belt bolted to the frame to come through, shall be attached to the frame with at least four three line $\frac{5}{16}$ inch bolts. Two bolts shall be installed at the bottom of the seat not more than three inches from the outside edge and two bolts shall be installed at the two most practical widely spaced points at the top of the seat back. A metal strap at least two inches in width and at least $\frac{1}{8}$ inch thick shall connect each set of bolts.

(b) Vehicles equipped with a metal seat are not required to have a metal strap connected to each set of bolts. These vehicles are required to have a larger washer on each bolt.

(c) Factory installed seats may be utilized provided it is equipped with a head rest.

13:62-4.11 Bumpers

(a) All vehicles shall be equipped with bumpers on the rear.

(b) The bumper shall be fastened to the frame or structural component of the car.

(c) The height of the bumper shall be as high as the center of the wheel and at least two inches in height.

13:62-4.12 Rollover bars

(a) All vehicles shall be equipped with a rollover bar of a design, construction and quality recognized by industry standard and maintained with a view toward affording the driver maximum protection against injury.

(b) Rollover bars shall be a minimum of three inches above the driver's head.

(c) Rollover bars shall be bolted or welded to the frame of the vehicle.

13:62-4.13 Nerfing bars

(a) All vehicles shall be equipped with auxiliary bumpers, also known as nerfing bars, of a construction and design to afford the driver maximum protection against injury.

(b) Nerfing bars shall extend within two inches of, but not beyond, the outside edge of the tire.

13:62-4.14 Exhaust system

(a) The outlet for the exhaust system shall be outside of the vehicle and extend at least to the rear of the front firewall.

(b) The exhaust system shall be designed and constructed so as to direct the exhaust flow out and away from the driver.

13:62-4.15 Fire wall and flooring

(a) All vehicles shall have suitable metal flooring from the front firewall to the center of the driver's seat.

(b) All vehicles shall have a permanent fire wall between the fuel supply and the driver, unless the fuel tank consists of a shell with an inner rubber bladder in which case the fire wall is not required.

13:62-4.16 Fuel lines and fuel pumps

(a) A fuel line or fuel pump is prohibited in the driver's compartment unless properly shielded to prevent leakage in the event the line or pump is damaged or broken. This shielding shall consist of the steel braided material.

(b) Fuel lines shall be more than three inches from the headers, unless shielded by metal.

13:62-4.17 Fuel tanks

(a) The use of a commercially manufactured fuel cell is mandatory in all vehicles utilizing a cell size of five gallons or more.

(b) All fuel cells shall be comprised of a steel or aluminum container, bladder, anti-surge baffling and fill plate with check valves (vent check and fill check).

1. The rigid container shall be manufactured of not less than 22 gauge steel or 16 gauge aluminum.

2. No baffling material other than standard foam baffling as provided by the fuel cell manufacturer shall be permitted.

3. Bladders shall be commercially manufactured of either soft rubber (rubberized fabric) or a molded cross linked material.

4. Manufactured check valves shall be installed as a flow control device which closes during a "roll-over" accident to help prevent fuel escaping from the cell.

(c) All commercially manufactured fuel cell systems shall be approved for use by major sanctioning bodies (for example, NASCAR, FIA, SCCA, USAC).

(d) Except as set forth in (e) below, vehicles using a self-contained fuel cell with an inner bladder shall bolt the self-contained fuel cell to the frame of the vehicle utilizing an "x" type frame work under the cell. At least three one-inch metal straps one-quarter inch thick, bolted to the frame of the vehicle by at least two $\frac{3}{8}$ inch three line bolts and angled so that it goes around the cell, except for the bottom, so as to apply maximum pressure against the tank to the frame.

(e) Units not utilizing a "x" type frame shall have four one inch metal straps, $\frac{1}{4}$ inch thick, bolted to the frame of the vehicle by at least two $\frac{3}{8}$ inch three line bolts and angled to go entirely around the cell to apply maximum pressure against the tank to the frame.

(f) A reinforcing member of the same kind and size material as that used in the roll cage of the chassis shall be installed to the rear of the fuel tank joining the rearmost portion of the chassis.

(g) A vehicle utilizing a fuel tank mounted to the front of the front fire wall shall have a reinforcing member of the same kind of material as that used in the roll cage or chassis installed to afford maximum protection to the tank.

Amended by R.1997 d.211, effective May 19, 1997.
See: 29 N.J.R. 848(a), 29 N.J.R. 2465(b).

Inserted new (a) and (b); recodified former (a) and (b) as (d) and (e); rewrote (c); in (d), amended subsection reference, deleted "rubber" preceding "bladder", and made a nonsubstantive change; and recodified former (d) and (e) as (f) and (g).

13:62-4.18 Fuel supply shutoff valve

(a) All vehicles shall be equipped with a fuel shutoff valve or switch which is easily accessible to the driver.

(b) The fuel shutoff valve or switch shall be conspicuously marked with a brightly colored paint.

13:62-4.19 Refueling

(a) In all instances where refueling is permitted with the engine running, a member of the pit crew, equipped with a 10 BC or greater fire extinguisher, shall be in close proximity to the fill pipe of the fuel tank.

(b) Smoking shall be prohibited in any area where fuel is being transferred or stored.

(c) The driver compartment shall not be occupied when the vehicle is being refueled if the fill pipe is located within 24 inches of the cockpit, except that the driver compartment may be occupied when the vehicle is being refueled from gravity fed fuel containers.

(d) The use of welding and acetylene torches is not permitted in any area where fuel is being transferred or stored unless a fully charged fire extinguisher is in close proximity.

13:62-4.20 Batteries

(a) Batteries, located in the driver compartment, shall be secured and shielded to prevent leakage in the event of damage or turnover.

(b) Batteries located adjacent to the fuel supply of the vehicle it shall be secured in a metal box bolted to the frame of the vehicle by at least four $\frac{3}{8}$ inch three line bolts and in such a manner to apply maximum pressure against the metal box to the frame. The battery shall also have a marine box cover secured to the top of the metal box as to not allow any movement of the battery.

(c) Batteries located in any other area not specified in (a) and (b) above shall be secured and shielded to prevent leakage in the event of damage or turnover.

13:62-4.21 Braking system and pedal reserve

(a) The licensee or designee shall test and approve each race car for brake pedal reserve before the car leaves the pit area to enter the track.

(b) The licensee or designee shall prohibit any vehicle from participating in any event or exhibition if the braking system includes the direct application of pressure to any of the tires or with apparent deficiencies.

13:62-4.22 Tires

(a) No vehicle shall be permitted to participate in any race if the tires are equipped or fitted with any studs, hobs, or other projections.

(b) This section is not intended to prohibit the use of rubber knobbed tires normally used on dirt race tracks.

(c) No vehicle shall be permitted to participate in any race if the tires are in an unsafe condition.

13:62-4.23 Ignition switch

All vehicles shall have an ignition switch which is easily accessible within the driver compartment and conspicuously marked.

13:62-4.24 Repairs

No repairs shall be made on any vehicle during the course of a race unless the vehicle is removed to the pit area.

13:62-4.25 Drivers

(a) All drivers shall be at least 18 years of age.

(b) All drivers are required to wear fire resistant underwear and one piece fire resistant clothing covering their body, legs, and arms.

(c) All drivers are required to wear fire resistant gloves.

(d) All drivers are required to wear fire resistant shoes and it is recommended that fire resistant socks be worn.

13:62-4.26 Helmets and head cushions

(a) All drivers must wear a helmet in condition which meets or exceeds the American National Standard Institute (A.N.S.I.) Z-90.1 testing standard.

(b) All vehicles shall be equipped with a head cushion attached to the roll-on bar or to the back portion of a one-piece seat. The cushion shall be mounted so that it shall be at the approximate height of the center of the driver's helmet.

(c) The head cushion shall be a minimum of 16 square inches in area with at least two inch padding. The minimum length of any side of the head cushion shall be four inches.

(d) A support cushion shall be located behind the rear portion of the seat, attached to the roll cage and at least $\frac{1}{8}$ of an inch thick.

13:62-4.27 Goggles or face shield

The driver of all vehicles not equipped with windshields shall wear windproof, shatterproof goggles or a face shield of the type which meets or exceeds U.S.A. standard Specifications for Head, Eye and Respiratory Protection Z2.1-1959 testing standard.

13:62-4.28 Arm restraints; window nets

All drivers shall use arm restraints or window nets.

13:62-4.29 Transmission safety mats

(a) Any vehicle equipped with an automatic transmission shall have a steel mat, plate, or blanket installed over the transmission so as to protect the driver from injury caused

by fragmentation of the automatic transmission upon explosion.

(b) All cooling devices within the driver's compartment shall be shielded from the driver to protect against injuries.

13:62-4.30 Enclosed drive shaft

The drive shaft of a vehicle shall be enclosed or secure, front and rear, by a steel strap $\frac{1}{4}$ inch thick by one inch wide, a $\frac{1}{2}$ inch steel rod, or one inch steel tubing with .06 wall thickness.

13:62-4.31 Water overflow tank

Water overflow reservoirs shall not be installed inside the driver compartment. Tanks or reservoirs mounted in the roll cage must be fully shielded to protect the driver.

13:62-4.32 Speed limits

- (a) Vehicles traveling in the pit area or staging area must obey a five miles per hour speed limit.
- (b) Vehicles utilizing a return road will be limited to a 15 miles per hour speed limit.

13:62-4.33 Licensed facilities

Oval racing events shall only take place in licensed facilities.

SUBCHAPTER 5. SAFETY REQUIREMENTS FOR VEHICLES AND PERSONNEL: DRAG RACING

13:62-5.1 Construction requirements

(a) Hubrail construction shall comply in all respects with the requirements of this chapter.

(b) The licensee shall provide and maintain hubrails on the outer area of the track and around the entire area thereof. Where spectators are allowed in the return road or within the inner area of the track, the licensee shall provide and maintain a hubrail, as described in this section, around the inner area of the track.

(c) The hubrail shall consist of at least two planks of hard wood or other suitable materials, at least 10 inches in width by three inches in thickness.

(d) The hubrail shall be supported by posts of similar material of at least six inches in width and six inches in thickness or round posts not less than seven inches in diameter, which are set in the ground at least four feet and shall extend above the ground at least two feet. The post shall be no higher than the hubrail planking and shall be spaced no more than six feet apart.

(e) Two planks of hardwood or other suitable material shall be mounted on the side of the post facing the track and running horizontally and parallel to each other.

(f) On the opposite side of the posts, not more than eight inches from the top thereof, there shall be a $\frac{3}{4}$ inch steel cable running around the circumference of the track and securely fastened to the post with eye bolts.

(g) The hubrail entrance and exit gates to the pit area shall be closed while vehicles are in motion on the track, unless alternate arrangements have been made by the installation of barriers of a type which will prevent cars out of control from leaving the track and entering the immediate pit working area.

(h) Where the licensee wishes to use methods other than gates, an inspection of such installations by a representative of the Superintendent is required.

(i) The hubrail opening for vehicles shall be so located that a vehicle leaving the track must turn 90 degrees before entering the pit area.

(j) At locations using methods other than gates between the pit area and the track, the licensee shall provide a guard to prevent unauthorized persons from entering the track area.

(k) The use of baled hay or straw or any similar material as a protective device between participating vehicles and spectators is specifically prohibited.

13:62-5.2 Fences

All fences installed for the purpose of limiting spectator areas shall be constructed of welded wire fabric or chain link and shall be at least six feet in height and so constructed as not to be easily lifted, climbed over or moved aside.

13:62-5.3 Starting tree lights

(a) Strips used for acceleration and performance tests need be equipped with only one red light on the starting tree.

(b) The lights shall be controlled by a single switch. The licensee shall provide a responsible person to operate such switch during the entire time of each race.

(c) When the red lights are illuminated, all racing vehicles on the track shall stop as soon as possible and remain stopped until such time as the red lights are turned out.

13:62-5.4 Starters

The licensee shall provide a Starter(s) located within a starter's area with an unobscured view of the entire racing surface from which to control the racing event.

13:62-5.5 Maximum protection

(a) All hubrails, fences, stands and buildings shall be constructed and maintained so as to afford maximum protection for spectators.

(b) Any spectator stand erected or relocated on or after April 1, 1960, shall be located at least 25 feet from the hubrail.

13:62-5.6 Location

(a) A location approved for acceleration and performance tests shall provide for a stopping distance at least equal to the acceleration and timing distance.

(b) The acceleration area shall not exceed 1,386 feet.

(c) The entire racing strip, including the deceleration area, shall be paved.

(d) The end of the acceleration area may be marked by an overhead banner, provided the supports are of such construction that they will not present a hazard to the vehicles. The height of the banner shall be at least 14 feet above the surface of the strip.

13:62-5.7 Vehicle equipment

(a) Safety belts, shoulder harness and crotch belt shall be provided.

1. A quick release type safety belt, shoulder harness and crotch belt in good condition shall be compulsory on all vehicles.

2. Both ends of the safety belt, shoulder harness and crotch belt shall be fastened to the frame of the vehicle.

3. All fittings and connections of the safety belt, shoulder harness and crotch belt shall be metal.

4. All safety belts and shoulder harnesses shall be worn properly the entire time the vehicle is being driven in a race.

5. All safety belts and shoulder harnesses shall bear the date of manufacture and shall not be used for more than five years from the date.

6. The shoulder harness shall be secured to the frame of the vehicle and come over a round bar at the driver's shoulder height.

7. No alterations shall be allowed to any manufactured design of seat belts.

8. The exception to this section is for street legal cars. These vehicles shall be equipped with the safety belt(s) that was provided by the manufacturer.

13:62-5.8 Inspection of vehicles

(a) The licensee shall arrange for the inspection of each participating vehicle prior to the event, to determine that it meets the requirements of this chapter. The licensee shall prohibit vehicles not meeting the requirements of this chapter shall be barred by the licensee from participation or practice.

(b) Vehicles which are to be used in automobile races or exhibitions of driving skill are subject to unannounced inspection and approval at any time by the Superintendent or designee.

13:62-5.9 Number of persons in vehicle

No vehicle shall carry more than one person at any time during a race or warm-up, except during a bona fide training period an instructor may accompany the trainee.

13:62-5.10 Seats

(a) A molded metal or fiberglass seat with openings which allow a seat belt bolted to the frame to come through, shall be attached to the frame with at least four three line $\frac{5}{16}$ inch bolts. Two bolts shall be installed at the bottom of the seat not more than three inches from the outside edge and two bolts shall be installed at the two most practical widely spaced points at the top of the seat back. A metal strap at least two inches in width and at least $\frac{1}{8}$ inch thick shall connect each set of bolts.

(b) Vehicles equipped with a metal seat are not required to have a metal strap connected to each set of bolts. These vehicles are required to have a larger washer on each bolt.

13:62-5.11 Exhaust system

The exhaust system shall be designed and constructed so as to direct the exhaust flow out and away from the driver.

13:62-5.12 Fire wall and flooring

(a) All vehicles shall have suitable metal flooring from the front firewall to the center of the driver's seat.

(b) All vehicles shall have a permanent fire wall between the fuel supply and the driver, unless the fuel supply consists of a shell with an inner rubber bladder in which case the fire wall is not required.

13:62-5.13 Fuel lines and fuel pumps

(a) A fuel line or fuel pump is prohibited in the driver's compartment unless properly shielded to prevent leakage in the event the line or pump is damaged or broken. Shielding shall consist of the steel braided material.

(b) Fuel lines shall be more than three inches from the headers, unless shielded by metal.

13:62-5.14 Fuel tanks

(a) Except as set forth in (b) below, vehicles using a self-contained fuel cell with an inner rubber bladder shall bolt the self-contained fuel cell to the frame of the vehicle utilizing an "x" type frame work under the cell. At least three one inch metal straps quarter inch thick bolted to the frame of the vehicle by at least two $\frac{3}{8}$ inch three line bolts and angled so that it goes around the cell, except for the bottom, so as to apply maximum pressure against the tank to the frame.

(b) Units not utilizing a "x" type frame shall have a four one inch metal straps, $\frac{1}{4}$ inch thick, bolted to the frame of the vehicle by at least two $\frac{3}{8}$ inch three line bolts and angled to go entirely around the cell to apply maximum pressure against the tank to the frame.

(c) A reinforcing member of the same kind and size material as that used in the roll cage of the chassis shall be installed to the rear of the fuel tank joining the rearmost portion of the chassis.

(d) A vehicle utilizing a fuel tank mounted to the front of the front fire wall shall have a reinforcing member of the same kind of material as that used in the roll cage or chassis, installed to afford maximum protection to the tank.

13:62-5.15 Refueling

(a) In all instances where refueling is permitted with the engine running, a member of the pit crew, equipped with a 10 BC or greater fire extinguisher, shall be in close proximity to the fill pipe of the fuel tank.

(b) Smoking shall be prohibited in any area where fuel is being transferred or stored.

(c) The driver compartment shall not be occupied when the vehicle is being refueled if the fill pipe is located within 24 inches of the cockpit, except that the driver compartment may be occupied when the vehicle is being refueled from gravity fed fuel containers.

(d) The use of welding and acetylene torches is not permitted in any area where fuel is being transferred or stored unless a fully charged fire extinguisher is in close proximity.

13:62-5.16 Batteries

(a) Batteries, located in the driver compartment, shall be secured and shielded to prevent leakage in the event of damage or turnover.

(b) Batteries located adjacent to the fuel supply of the vehicle it shall be secured in a metal box bolted to the frame of the vehicle by at least four $\frac{3}{8}$ inch three line bolts and in such a manner to apply maximum pressure against the metal box to the frame. The battery shall also have a marine box cover secured to the top of the metal box as to not allow any movement of the battery.

(c) Batteries located in any other area not specified in (a) and (b) above shall be secured and shielded to prevent leakage in the event of damage or turnover.

13:62-5.17 Braking system and pedal reserve

(a) The licensee or designee shall test and approve each race car for brake pedal reserve before the car leaves the pit area to enter the track.

(b) The licensee or designee shall prohibit any vehicle from participating in any event or exhibition if the braking system includes the direct application of pressure to any of the tires or with apparent deficiencies.

13:62-5.18 Tires

(a) No vehicle shall be permitted to participate in any race if the tires are equipped or fitted with any studs, hobs, or other projections.

(b) No vehicle shall be permitted to participate in any race if the tires are in an unsafe condition.

13:62-5.19 Ignition switch

(a) All vehicles shall have an ignition switch which is easily accessible within the driver compartment and conspicuously marked.

(b) All motorcycles shall be equipped with a functional tether mechanical kill device so that the ignition is shut off if the rider separates from the vehicle.

13:62-5.20 Repairs

No repairs shall be made on any vehicle during the course of a race unless the vehicle is removed to the pit area.

13:62-5.21 Drivers

(a) All drivers shall be at least 18 years of age.

(b) It is recommended that all drivers wear fire resistant underwear and one piece fire resistant clothing covering their body, legs, and arms.

(c) It is recommended that all drivers wear fire resistant gloves.

(d) It is recommended that all drivers wear fire resistant shoes and it is recommended that fire resistant socks be worn.

(e) Drivers of motorcycles and street legal cars are not required to wear fire resistant clothing, but it is recommended.

13:62-5.22 Helmets and head cushions

All drivers shall wear a helmet in condition which meets or exceeds the American National Standard Institute (A.N.S.I.) Z-90.1 testing standard.

13:62-5.23 Goggles or face shield

The driver of all vehicles not equipped with windshields shall wear windproof, shatterproof goggles or a face shield of the type which meets or exceeds U.S.A. standard Specifications for Head, Eye and Respiratory Protection Z2.1-1959 testing standard.

13:62-5.24 Transmission safety mats

(a) Any vehicle equipped with an automatic transmission that runs quicker than 9.99 elapsed time or faster than 135 m.p.h. in the quarter mile shall have a steel mat, plate or blanket installed over the transmission so as to protect the

driver from any injury caused by fragmentation of the automatic transmission upon explosion.

(b) All cooling devices within the driver's compartment shall be shielded from the driver to protect against injuries.

(c) Street legal cars are exempt from this section provided that no modifications have been done to the vehicle.

13:62-5.25 Enclosed drive shaft

The drive shaft of a vehicle running 13.99 or quicker elapsed time shall be enclosed or secured in the front by a steel strap $\frac{1}{4}$ inch thick by one inch wide, a one-half inch steel rod or one one inch steel tubing with .06 wall thickness. This is not required for vehicles with an elapsed time of 14.00 and slower equipped with street tires.

13:62-5.26 Water overflow tank

Water overflow reservoirs shall not be installed inside the driver compartment. Tanks or reservoirs mounted in the roll cage must be fully shielded to protect the driver.

13:62-5.27 Vehicle lighting

All vehicles shall be equipped with a functioning taillight so that the starter is able to see the competing vehicles during night racing.

13:62-5.28 Vehicles equipped with parachutes

(a) All vehicles equipped with parachutes shall have a red streamer attached to the safety pin. The safety pin shall be removed from the parachutes before the starting lights are activated.

(b) All vehicles utilizing two or more parachutes shall have at least two anchoring points for each parachute, each separate from the other.

13:62-5.29 Exceptions

(a) Cars need not have rollover bars or door fastening, provided there has been no modification of either body or engine.

(b) Street legal cars are exempt from having an enclosed drive shaft provided that no modifications have been done to the vehicle.

13:62-5.30 Spectator protection

The licensee shall provide spectator protection by a standard hubrail and six-foot high welded wire fabric or chain link fence so constructed as not to be easily lifted, climbed over or moved aside.

13:62-5.31 Pit area fences

The pit area, if located behind the starting line, shall be separated from the track by a six-foot high welded fabric or chain link fence so constructed as not to be easily lifted, climbed over or moved aside.

13:62-5.32 Vehicle positioning

Racing vehicles may line up behind the starting line. Only drivers and officials are permitted in this area.

13:62-5.33 "Burnouts"

No "burnouts" shall be made unless the driver is secured in the vehicle and the doors are firmly closed.

13:62-5.34 Speed limits

(a) All vehicles returning after a race event, using the return road, either under their own power or being towed shall obey a 15 miles per hour speed limit until the vehicle has been returned to the staging lanes or pits.

(b) All vehicles traveling in the pit area or staging area shall obey a five miles per hour speed limit.

13:62-5.35 Minimum age requirement for a street legal car racing events

No persons will be permitted to participate in a street legal car racing event unless that person is 17 years of age and possesses a valid driver's license from his/her state of residence.

13:62-5.36 Persons permitted in the pit area

(a) All persons with pit credentials are to be permitted in the pit area. Persons under the age of 17 are to be permitted in the pit area as long as the individual has the proper pit credentials and is accompanied by an adult.

(b) No one under the age of 17 will be permitted in the staging area under any circumstance unless otherwise specified.

13:62-5.37 Vehicles allowed in return road

(a) Only official vehicles are permitted to travel the return road while a racing event is in progress. An official vehicle means a vehicle displaying the competitor's vehicle number and shall be limited to one official vehicle per competition vehicle.

(b) All official vehicles shall obey the following speed limits:

1. All vehicles returning after a race event, using the return road, either under their own power or being towed shall obey a 15 miles per hour speed limit until the vehicle has been returned to the staging lanes or pits.

2. All vehicles traveling in the pit area or staging area shall obey a five miles per hour speed limit.

(c) All official vehicles shall wait outside the return road until the competition vehicle has entered the burn out area and is preparing to compete.

13:62-5.38 Licensed facilities

Drag racing events shall only take place in licensed facilities.

SUBCHAPTER 6. MOTORCYCLE AND QUAD VEHICLES RACING EVENTS (OVAL RACING)

13:62-6.1 Licensed facilities

Motorcycle and quad vehicle oval racing events shall only take place in licensed facilities.

13:62-6.2 Hubrail construction

(a) Hubrail construction shall comply in all respects with the requirements of this chapter.

(b) The licensee shall provide and maintain hubrails on the outer circumference of the track and around the entire circumference thereof. Where spectators are allowed in the infield or within the inner circumference of the track, the licensee shall provide and maintain a hubrail, as described in this section, around the inner circumference of the track.

(c) The hubrail shall consist of at least two planks of hard wood or other suitable materials, at least 10 inches in width by three inches in thickness.

(d) The hubrail shall be supported by posts of similar material of at least six inches in width and six inches in thickness or round posts not less than seven inches in diameter, which are set in the ground at least four feet and shall extend above the ground at least two feet. The post shall be no higher than the hubrail planking and shall be spaced no more than six feet apart.

(e) Two planks of hardwood or other suitable material shall be mounted on the side of the post facing the track and running horizontally and parallel to each other.

(f) On the opposite side of the posts, not more than eight inches from the top thereof, there shall be a $\frac{3}{4}$ inch steel cable running around the circumference of the track and securely fastened to the post with eye bolts.

(g) The hubrail entrance and exit gates to the pit area shall be closed while vehicles are in motion on the track, unless alternate arrangements have been made by the installation of barriers of a type which will prevent cars out of control from leaving the track and entering the immediate pit working area.

(h) Where the licensee wishes to use methods other than gates, an inspection of such installations by a representative of the Superintendent is required.

(i) The hubrail opening for vehicles shall be so located that a vehicle leaving the track must turn 90 degrees before entering the pit area.

(j) At locations using methods other than gates between the pit area and the track, the licensee shall provide a guard to prevent unauthorized persons from entering the track area.

(k) The use of baled hay or straw or any similar material as a protective device between participating vehicles and spectators is specifically prohibited.

13:62-6.3 Exceptions

(a) Hubrail posts constructed for use on motorcycle tracks shall be no higher than the hubrail planking.

(b) Hubrails constructed for use on motorcycle tracks shall consist of safety rails two feet high, constructed of two two-inch by 12-inch planks, on four-inch by four-inch stanchions spaced not more than six feet apart, and so embedded in the ground that they will not pull out if struck.

(c) As an alternative to the two-inch by 12-inch planks, two planks made of marine plywood, $\frac{3}{4}$ inches thick and 12 inches wide may be used on motorcycle tracks. These rails shall be backed up either by a wire cable similar to the wire cable used on automobile hubrails, except that it need not exceed $\frac{1}{2}$ inch in diameter, or in the alternative, a mound of packed earth shall be constructed in the back of the safety rail at least 18 inches high, and tapering to the ground level between the rail and the spectators.

13:62-6.4 Fences

All fences installed for the purpose of limiting spectator areas shall be constructed of welded wire fabric or chain link and shall be at least six feet in height and so constructed as not to be easily lifted, climbed over or moved aside, except at motocross events the fence shall be of the same construction but at least five feet in height.

13:62-6.5 Red and amber lights

(a) Each track used for motorcycle racing, except those used for acceleration and performance tests, shall be equipped with a system of at least four red lights and four amber lights so arranged that at least one light of each color will be visible to the drivers as they enter each turn.

(b) The lights shall be controlled by a single switch. The licensee shall provide responsible person to operate such switch during the entire time of each race.

(c) When the red lights are illuminated, all racing vehicles on the track shall stop as soon as possible and remain stopped until such time as the red lights are turned out.

(d) When the amber lights are illuminated, all racing vehicles on the track shall slow down and maintain their position unless otherwise directed to change position by a track official.

13:62-6.6 Flagmen

(a) Tracks over one mile in length may use flagmen in lieu of the red and amber lights, provided the assistant flagman in the starter's stand is in constant two-way radio or telephone communication with all flagmen.

(b) Flagmen shall be positioned so as to be visible to drivers entering each turn on the track or course.

(c) On display of the red flag all racing vehicles shall stop as soon as possible and remain stopped until such time as the red flag is removed from display.

(d) On display of the amber flag all racing vehicles shall slow down and maintain their position unless directed to change position by a track official.

13:62-6.7 Starters

(a) The licensee shall provide starter(s) located within a starter's stand with an unobscured view of the entire racing surface from which to control the racing event.

(b) All circular or oval tracks utilizing the services of flagmen to control the event shall also have an assistant flagman in the starter's stand. The assistant flagmen used to control or start a race shall be in the starter's stand when starting and during the race.

13:62-6.8 Maximum protection

(a) All hubrails, fences, stands and buildings must be constructed and maintained so as to afford maximum protection for spectators.

(b) Any spectator stand erected or relocated on or after April 1, 1960, must be located at least 25 feet from the hubrail.

13:62-6.9 Eye protection

All drivers shall wear windproof, shatterproof goggles or a face shield of the type which meets or exceeds U.S.A. standard Specifications for Head, Eye and Respiratory Protection Z2.1-1959 testing standard.

13:62-6.10 Helmets

All drivers shall wear a helmet in condition which meets or exceeds the American National Standard Institute (A.N.S.I.) Z-90.1 testing standard.

13:62-6.11 Braking system

(a) A representative of the track licensee will be required to test front and rear brake application before the vehicle leaves the area to enter the track.

(b) This section is not to be construed to require brakes on racing motorcycles with a compression ratio higher than 10 to one or with a compression ratio which, in the opinion of the Superintendent, is sufficiently high to bring the motorcycle to a stop when the ignition is cut off.

13:62-6.12 Shutoff device

(a) A "shutoff" device shall be affixed to the handlebars on all competing motorcycles.

(b) A "shutoff" device shall be of a type which is designed, constructed and maintained to stop the motor of the motorcycle immediately upon releasing or pressing the said device.

13:62-6.13 Minimum age requirements of motorcycle racing events

(a) All persons, including officials, persons and participants, are permitted to participate in a motorcycle race or enter the pit area provided they have reached the age of 18.

(b) All participants shall possess and display, upon request, a valid motorcycle license or endorsement.

(c) All persons participating in an event shall have proper documentary evidence to substantiate proof of age.

13:62-6.14 Quad vehicle requirements

(a) Quad vehicles shall be equipped with a functional tether type mechanical kill device, so that the ignition is shut off upon the driver's separation from the vehicle.

(b) Quad vehicle engines shall be fitted with a guard completely enclosing the primary drive.

(c) Rear chain guards, roll bars and seat belts are not required.

13:62-6.15 Clothing requirements

Drivers shall wear safety clothing to afford maximum protection to the driver according to industry standards. It is recommended that this clothing be of a fire retardant material.

13:62-6.16 Batteries

Batteries shall be secured and shielded to prevent leakage in the event of damage or turnover.

13:62-6.17 Speed limits

All vehicles traveling in the pit area or staging area shall obey a five miles per hour speed limit.

SUBCHAPTER 6A. MOTOCROSS AND QUAD
VEHICLE RACING EVENTS (SERPENTINE
RACING)

13:62-6A.1 Licensed facilities

Motocross and quad vehicle serpentine racing events shall only take place in licensed facilities.

13:62-6A.2 Construction requirements

(a) Design and construction of motocross and quad vehicle race courses must be approved by the Superintendent or his or her designee prior to the racing event.

(b) A sketch or sketches of the track and associated areas shall be provided as near to scale as practicable indicating the location of required safety features.

(c) Safety features such as hubrails, fences, crash protection for participants, light or flagmen positions, spectator seating, entrances and exits, pit facility locations and other physical factors affecting the safety of spectators and participants may be required for approval depending on the terrain and location of the race course. This requirement shall not apply to locations licensed prior to January 1, 1963, unless alterations are made to the track and associated areas on or after January 1, 1963.

13:62-6A.3 Fences

All fences installed for the purpose of limiting spectator areas shall be constructed of welded wire fabric or chain link and shall be at least six feet in height and so constructed as not to be easily lifted, climbed over or moved aside, except at motocross events the fence shall be of the same construction but at least five feet in height.

13:62-6A.4 Flagmen

(a) Licensees may use flagmen provided an assistant flagman is in the starter's area and is in constant two-way radio or telephone communication with all flagmen.

(b) Flagmen shall be positioned so as to be visible to drivers entering each turn on the track or course.

(c) All working personnel and officials having access to the pit area or racing surface shall be at least 16 years of age.

1. The exception to (c) above is that the minimal age for flagmen must be 18 years of age when utilizing a flat track.

(d) On display of the red flag, all racing vehicles shall stop as soon as possible and remain stopped until such time as the red flag is removed from display.

(e) On display of the amber flag all racing vehicles are to slow down and maintain their position.

13:62-6A.5 Starters

Starter(s) shall be located within a starter's area with an unobscured view of the entire racing surface from which to control the racing event.

13:62-6A.6 Additional requirements for motocross events

(a) The following requirements shall be utilized for motocross events:

1. Participants age seven to nine may compete in a separate class, provided the vehicle does not exceed 85 cc.
2. Participants ages 10 to 15 may compete provided the vehicle does not exceed 85cc.
3. Participants ages 12 to 15 may compete in any additional class not exceeding 125cc, provided the driver possesses one year racing experience and can demonstrate racing ability to the satisfaction of track officials.
4. Participants ages 14 to 18 may compete in a separate class.
5. A person competing in any one of the above classes shall not participate in any other class.
6. The designation "cc" shall be conspicuously marked on the racing vehicle.
7. Hubrail construction does not pertain to motocross events that utilize jumps and serpentine type racing during competition.

Amended by R.2001 d.354, effective October 1, 2001.

See: 33 N.J.R. 2250(a), 33 N.J.R. 3451(b).

In (a), substituted "requirements" for "guidelines" in the introductory paragraph, inserted a new 1 and recodified former 1 through 6 as 2 through 7.

13:62-6A.7 Clothing requirements

Drivers shall wear safety clothing to afford maximum protection to the driver according to industry standards. It is recommended that this clothing be of a fire retardant material.

13:62-6A.8 Helmets

All drivers shall wear a helmet in condition which meets or exceeds the American National Standard Institute (A.N.S.I.) Z-90.1 testing standard.

13:62-6A.9 Goggles or face shield

All drivers shall wear windproof, shatterproof goggles or a face shield of the type which meets or exceeds U.S.A. standard Specifications for Head, Eye and Respiratory Protection Z2.1-1959 testing standard.

13:62-6A.10 Batteries

Batteries shall be secured and shielded to prevent leakage in the event of damage or turnover.

13:62-6A.11 Quad vehicle requirements

(a) Quad vehicles shall be equipped with a functional tether type mechanical kill device, so that the ignition is shut off upon the driver's separation from the vehicle.

(b) Quad vehicle engines shall be fitted with a guard completely enclosing the primary drive.

(c) Rear chain guards, roll bars and seat belts are not required.

(d) Quad vehicles shall be equipped with additional nerfing bars to the front of the rear wheels in order to prevent injury to the driver.

(e) Quad vehicle flagmen shall be 16 years of age.

13:62-6A.12 Pit area driving prohibition

No motorcycle or quad vehicle is to be driven, under power, in the pit area.

SUBCHAPTER 6B. MOTOCROSS ENDURO RACING EVENTS
13:62-6B.1 Licensed facilities

Motocross enduro racing events shall only take place in licensed facilities.

13:62-6B.2 Construction requirements

(a) Design and construction of motocross and quad vehicle race courses must be approved by the Superintendent or his or her designee prior to the racing event.

(b) A sketch or sketches of the track and associated areas shall be provided as near to scale as practicable indicating the location of required safety features.

(c) Safety features such as hubrails, fences, crash protection for participants, light or flagmen positions, spectator seating, entrances and exits, pit facility locations and other physical factors affecting the safety of spectators and participants may be required for approval depending on the terrain and location of the race course. This requirement shall not apply to locations licensed prior to January 1, 1963, unless alterations are made to the track and associated areas on or after January 1, 1963.

13:62-6B.3 Areas designated as spectator areas and fences

(a) The licensee shall designate spectator areas throughout the race course and provide security to prevent spectators from entering the race course.

(b) Fences used to prevent spectators from entering the race course shall be constructed of welded wire fabric or chain link and shall be at least six feet in height and so constructed as not to be easily lifted, climbed over or moved aside.

13:62-6B.4 Flagmen

(a) Licensees may use flagmen provided an assistant flagman is in the starter's area and is in constant two-way radio or telephone communication with all flagmen.

(b) Flagmen shall be positioned so as to be visible to drivers entering each turn on the track or course.

(c) All working personnel and officials having access to the pit area or racing surface shall be at least 18 years of age.

(d) On display of the red flag, all racing vehicles shall stop as soon as possible and remain stopped until such time as the red flag is removed from display.

(e) On display of the amber flag, all racing vehicles shall slow down and maintain their position.

13:62-6B.5 Starters

The licensee shall provide a starter(s) located within a starter's area with an unobscured view of the starting line from which to control the start of the racing event.

13:62-6B.6 Additional guidelines for motocross racing enduro events

(a) All participants shall be 18 years of age and be in possession of a valid motorcycle driver's license from his or her state of residence.

(b) All participating motorcycles must be able to pass all of the motor vehicle regulations governing motorcycles under Title 39 of the New Jersey Motor Vehicle Laws.

(c) In the event that the race course includes local roadway or highways, the participants shall adhere to all of the motor vehicle regulations for that roadway.

13:62-6B.7 Clothing requirements

Drivers shall wear safety clothing to afford maximum protection to the driver according to industry standards. It is recommended that this clothing be of a fire retardant material.

13:62-6B.8 Helmets

All drivers shall wear a helmet in safe condition which meets or exceeds the American National Standard Institute (A.N.S.I.) Z-90.1 testing standard.

13:62-6B.9 Goggles or face shield

All drivers shall wear windproof, shatterproof goggles or a face shield of the type which meets or exceeds U.S.A. standard Specifications for Head, Eye and Respiratory Protection Z2.1-1959 testing standard.

13:62-6B.10 Batteries

Batteries shall be secured and shielded to prevent leakage in the event of damage or turnover.

13:62-6B.11 Pit area driving prohibition

No motorcycle is to be driven under power in the pit area.

SUBCHAPTER 7. SNOWMOBILE EVENTS
13:62-7.1 Track construction

(a) Construction of hubrails, fences and other safety devices for snowmobile events must comply with the provisions of this subchapter.

(b) The licensee shall provide and maintain hubrails on the outer circumference of the track and around the entire circumference thereof. Where spectators are allowed in the infield or within the inner circumference of the track, the licensee shall provide a hubrail, as described in this section, around the inner circumference of the track.

(c) The hubrail shall consist of at least two planks of hard wood or other suitable materials, at least 10 inches in width by three inches in thickness.

(d) The hubrail shall be supported by posts of similar material of at least six inches in width and six inches in thickness or round posts not less than seven inches in diameter, which are set in the ground at least four feet and shall extend above the ground at least two feet. The post shall be no higher than the hubrail planking and shall be spaced no more than six feet apart.

(e) Two planks of hardwood or other suitable material shall be mounted on the side of the post facing the track and running horizontally and parallel to each other.

(f) On the opposite side of the posts, not more than eight inches from the top thereof, there shall be a $\frac{3}{4}$ inch steel cable running around the circumference of the track and securely fastened to the post with eye bolts.

(g) The hubrail entrance and exit gates to the pit area shall be closed while vehicles are in motion on the track, unless alternate arrangements have been made by the installation of barriers of a type which will prevent cars out of control from leaving the track and entering the immediate pit working area.

(h) Where the licensee wishes to use methods other than gates, an inspection of such installations by a representative of the Superintendent is required.

(i) The hubrail opening for vehicles shall be so located that a vehicle leaving the track must turn 90 degrees before entering the pit area.

(j) At locations using methods other than gates between the pit area and the track, the licensee shall provide a guard to prevent unauthorized persons from entering the track area.

(k) The use of baled hay or straw or any similar material as a protective device between participating vehicles and spectators is specifically prohibited.

13:62-7.2 Fences

All fences installed for the purpose of limiting spectator areas shall be constructed of welded wire fabric or chain link and shall be at least six feet in height and so constructed as not to be easily lifted, climbed over or moved aside, except at motocross events the fence shall be of the same construction but at least five feet in height.

13:62-7.3 Red and amber lights

(a) Each track used for snowmobile racing shall be equipped with a system of at least four red lights and four amber lights so arranged that at least one light of each color will be visible to the drivers as they enter each turn.

(b) The lights shall be controlled by a single switch, the licensee shall provide a responsible person must be assigned to be on duty, and to operate such switch during the entire time of each race.

(c) When the red lights are illuminated, all racing vehicles on the track shall stop as soon as possible and remain stopped until such time as the red lights are turned out.

(d) When the amber lights are illuminated, all racing vehicles on the track shall slow down and maintain their position unless otherwise directed to change position by a track official.

13:62-7.4 Flagmen

(a) Licensees may use flagmen in lieu of the red and amber lights provided the assistant flagman in the starter's stand is in constant two-way radio or telephone communication with all flagmen.

(b) On display of the red flag, all racing vehicles shall stop as soon as possible and remain stopped until such time as the red flag is removed from display.

(c) On display of the amber flag, all racing vehicles shall slow down and maintain their position unless directed to change position by a track official.

13:62-7.5 Starters

(a) The licensee shall provide a starter(s) located within a starter's area with an unobscured view of the entire racing surface from which to control the racing event.

(b) All circular or oval tracks, road courses and other locations utilizing the services of flagmen to control the event shall also have an assistant flagman in the starter's area. The assistant flagman used to control or start a race shall be in the starter's stand when starting and during the race.

13:62-7.6 Maximum protection

(a) All hubrails, fences, stands and buildings shall be constructed and maintained so as to afford maximum protection for spectators.

(b) Any spectator stand erected or relocated on or after April 1, 1960, must be located at least 25 feet from the hubrail.

13:62-7.7 Safety requirements; vehicles and personnel

(a) All participants in a snowmobile race shall wear a safety helmet which meets or exceeds the American National Standard Institute (ANSI) Z-90.1 testing standard.

(b) All participants in a snowmobile race shall wear windproof goggles or face shields which meet or exceed U.S.A. Standard Specifications for Head, Eye, and Respiratory Protection Z2.1-1959 testing standard.

(c) All participants shall wear safety clothing to afford maximum protection to the driver according to industry standards. It is recommended that this clothing be of a fire retardant material.

13:62-7.8 Exhaust system

All exhaust systems shall be directed out of the cowl area and away from the operator.

13:62-7.9 Snow flaps

All snowmobiles shall be equipped with a rear snow flap designed and maintained to contain snow, water, mud and the like at all speeds.

13:62-7.10 Shutoff device

A "shutoff" device shall be affixed to the handlebars near the hand position. This device shall be of the type which is designed, constructed, and maintained to stop the motor immediately upon releasing or pressing of said device.

13:62-7.11 Engine and transmission shielding

All snowmobiles shall have engine and transmission shields designed and constructed to protect the driver or bystander from fragments in the event of disintegration.

13:62-7.12 Batteries

Batteries shall be secured and shielded to prevent leakage in the event of damage or turnover.

13:62-7.13 Speed limits

All vehicles traveling in the pit area or staging area shall obey a five miles per hour speed limit.

13:62-7.14 Licensed facilities

Snowmobile racing events shall only take place in licensed facilities.

SUBCHAPTER 8. GO-KART EVENTS**13:62-8.1 Licensed facilities**

Go-kart events shall only take place in licensed facilities.

Amended by R.1995 d.206, effective April 17, 1995.
See: 27 N.J.R. 445(a), 27 N.J.R. 1622(a).

13:62-8.2 Track construction

(a) Construction of hubrails, fences and other safety devices for go-kart events must comply in all respects with the provisions of this subchapter and be in compliance with the World Karting Association Technical Manual (2001 edition) rules governing go-kart racing as may be amended and supplemented, which are incorporated herein by reference, unless the licensee has written approval for any changes from the Superintendent or his designee. A copy of the Technical Manual may be obtained from the W.K.A., 5725 D Highway 29 North, Harrisburg, N.C. 28075.

(b) The hubrail construction for go-kart events may be the same as the hubrail construction used for motorcycle events in that planks made of marine plywood three-quarters inch thick and 12 inches wide may be used. Hubrails are required when the roadways are within 25 feet of each other.

(c) The licensee shall erect along any part of the track where spectators are permitted, whether outside of the track or in the infield, in addition to the hubrail, a fence six feet in height and located not less than four feet from the edge of the track.

Amended by R.1995 d.206, effective April 17, 1995.
See: 27 N.J.R. 445(a), 27 N.J.R. 1622(a).
Amended by R.2001 d.354, effective October 1, 2001.
See: 33 N.J.R. 2250(a), 33 N.J.R. 3451(b).
Rewrote (a); in (b), added the last sentence.

13:62-8.3 Safety requirements

Go-karts and personnel participating in races or exhibitions of driving skill on any track or facility licensed by the Superintendent shall comply with the Technical Manual except that no go-kart shall be equipped with a transmission, gear box or other device which permits a change of gear or sprocket ratios while the vehicle is in motion unless the driver is 18 or older.

Amended by R.1995 d.206, effective April 17, 1995.

See: 27 N.J.R. 445(a), 27 N.J.R. 1622(a).

Amended by R.1997 d.211, effective May 19, 1997.

See: 29 N.J.R. 848(a), 29 N.J.R. 2465(b).

Deleted (a)14, prohibiting equipping a go-kart with a gear or sprocket ratio changing device; and recodified former (a)15 through 23 as (a)14 through 22.

Amended by R.2001 d.354, effective October 1, 2001.

See: 33 N.J.R. 2250(a), 33 N.J.R. 3451(b).

Rewrote the section.

13:62-8.4 Clothing requirements for all go-kart events

Drivers shall wear safety clothing to afford maximum protection to the driver according to industry standards. It is recommended that this clothing be of a fire retardant material.

New Rule, R.1995 d.206, effective April 17, 1995.

See: 27 N.J.R. 445(a), 27 N.J.R. 1622(a).

Recodified from N.J.A.C. 13:62-8.6 by R.2001 d.354, effective October 1, 2001.

See: 33 N.J.R. 2250(a), 33 N.J.R. 3451(b).

Former N.J.A.C. 13:62-8.4, Serpentine go-kart road course, was repealed.

13:62-8.5 Pit area operation prohibition

No go-karts shall be operated under power in the pit area.

New Rule, R.1995 d.206, effective April 17, 1995.

See: 27 N.J.R. 445(a), 27 N.J.R. 1622(a).

Recodified from N.J.A.C. 13:62-8.7 by R.2001 d.354, effective October 1, 2001.

See: 33 N.J.R. 2250(a), 33 N.J.R. 3451(b).

Former N.J.A.C. 13:62-8.5, Track construction, was repealed.

13:62-8.6 (Reserved)

Recodified to N.J.A.C. 13:62-8.4 by R.2001 d.354, effective October 1, 2001.

See: 33 N.J.R. 2250(a), 33 N.J.R. 3451(b).

Section was "Clothing requirements for all go-kart events".

13:62-8.7 (Reserved)

Recodified to N.J.A.C. 13:62-8.5 by R.2001 d.354, effective October 1, 2001.

See: 33 N.J.R. 2250(a), 33 N.J.R. 3451(b).

Section was "Pit area operation prohibition".

SUBCHAPTER 9. DEMOLITION DERBY AND TRACTOR PULLS

13:62-9.1 Demolition derby vehicles

(a) In a demolition derby event, any stock, American made, hardtop automobile may be used.

(b) In a demolition derby event, jeeps, carryalls, station wagons, ambulances, and other vehicles utilizing a truck chassis are not permitted.

(c) All glass, including rear windows, headlights, tail lights, and parking lights, must be removed with the exception of the windshield. If the windshield is removed it must be replaced with heavy mesh screening with a center post or plexiglass.

(d) All chrome strips must be removed from a participating vehicle.

(e) Gas tanks may be moved to a different position within the driving compartment. Tanks relocated into the driver compartment must be placed in the vehicle where the back seat normally would be located, on the right side, behind the front passenger seat. All tanks shall be constructed of steel (22 gauge minimum) or aluminum (16 gauge minimum). Tanks shall be restricted to a maximum capacity of five gallons. Tanks shall be encased in a metal box that is bolted to the floor of the vehicle. The box shall have a metal lid that is fastened to the container. A metal fire wall must be between the driver and the gas tank.

(f) Fuel lines and pumps will not be allowed in the driving compartment.

(g) All doors must be securely fastened by either welding, metal strips or chains.

(h) Doors opening during an event will automatically disqualify that automobile.

(i) Batteries located within the driver compartment must have a suitable cover and be securely fastened.

(j) All vehicles must be equipped with a securely installed safety belt.

(k) Rear seats must be removed from a participating vehicle.

(l) No vehicle emitting heavy smoke will be allowed to participate. A vehicle discharging heavy smoke after an event has started must be disqualified.

Amended by R.2001 d.354, effective October 1, 2001.

See: 33 N.J.R. 2250(a), 33 N.J.R. 3451(b).

Rewrote (e).

13:62-9.2 Demolition derby participants

(a) Participants in a demolition derby event shall be 18 years of age or older.

(b) A participant must remain in the vehicle until the event has been completed.

(c) All drivers shall wear a helmet in condition which meets or exceeds the American National Standard Institute (A.N.S.I.) Z-90.1 testing standard.

Amended by R.1995 d.206, effective April 17, 1995.

See: 27 N.J.R. 445(a), 27 N.J.R. 1622(a).

Repeal and New Rule, R.1995 d.206, effective April 17, 1995.

13:62-9.3 Goggles or face shield

The driver of all vehicles not equipped with windshields shall wear windproof, of the type which meets or exceeds U.S.A. standard Specifications for Head, Eye and Respiratory Protection Z2.1-1959 testing standard.

See: 27 N.J.R. 445(a), 27 N.J.R. 1622(a).
Formerly "Demolition derby exhibition area".

13:62-9.4 Clothing requirements

Drivers shall wear safety clothing to afford maximum protection to the driver according to industry standards. It is recommended that this clothing be of a fire retardant material.

Repeal and New Rule, R.1995 d.206, effective April 17, 1995.
See: 27 N.J.R. 445(a), 27 N.J.R. 1622(a).
Formerly "Demolition derby tow vehicles".

13:62-9.5 Demolition derby exhibition area

(a) The demolition derby exhibition area shall be no more than 250 feet and of 100 feet deep.

(b) The outer edge of the exhibition area shall be marked with poles or similar devices so as to contain the participating vehicles.

(c) No one shall be allowed within this area except track officials and participants.

(d) If mechanics or members of the press are allowed in the infield portion, a suitable fence shall be erected 50 feet from the outer edge of the exhibition area.

(e) Spectators are prohibited within infield portions of the exhibition area unless protected by a fence of at least six feet in height erected no closer than 50 feet from the outer edge of the exhibition area.

Repeal and New Rule, R.1995 d.206, effective April 17, 1995.
See: 27 N.J.R. 445(a), 27 N.J.R. 1622(a).
Formerly "Tractor pull age requirement".

13:62-9.6 Demolition derby tow vehicles

(a) Tow vehicles shall be permitted to enter the demolition derby exhibition area for vehicle removal.

(b) There shall be no more than two persons per tow vehicle.

(c) No riders shall be permitted on the outside of the tow vehicle.

Repeal and New Rule, R.1995 d.206, effective April 17, 1995.
See: 27 N.J.R. 445(a), 27 N.J.R. 1622(a).
Formerly "Tractor pull kill switch requirement".

13:62-9.7 Tractor pull age requirement

All competitors, working personnel and officials of a tractor pull event having access to the pit area or racing surface shall be at least 18 years of age.

New Rule, R.1995 d.206, effective April 17, 1995.
See: 27 N.J.R. 445(a), 27 N.J.R. 1622(a).

13:62-9.8 Tractor pull kill switch requirement

All vehicles competing in a tractor pull event shall be equipped with a kill switch in operating order.

New Rule, R.1995 d.206, effective April 17, 1995.
See: 27 N.J.R. 445(a), 27 N.J.R. 1622(a).

13:62-9.9 Speed limits

All vehicles traveling in the pit area or staging area shall obey a five miles per hour speed limit.

New Rule, R.1995 d.206, effective April 17, 1995.
See: 27 N.J.R. 445(a), 27 N.J.R. 1622(a).

13:62-9.10 Licensed facilities

Demolition derby and tractor pull events shall only take place in licensed facilities.

New Rule, R.1995 d.206, effective April 17, 1995.
See: 27 N.J.R. 445(a), 27 N.J.R. 1622(a).

SUBCHAPTER 10. AUTOMOBILE ENDURO EVENTS

13:62-10.1 Construction requirements

(a) Hubrail construction shall comply in all respects with the requirements of this chapter.

(b) The licensee shall provide and maintain hubrails on the outer circumference of the track and around the entire circumference thereof. Where spectators are allowed in the infield or within the inner circumference of the track, the licensee shall provide and maintain a hubrail, as described in this section, around the inner circumference of the track.

(c) The hubrail shall consist of at least two planks of hard wood or other suitable materials, at least 10 inches in width by three inches in thickness.

(d) The hubrail shall be supported by posts of similar material of at least six inches in width and six inches in thickness or round posts not less than seven inches in diameter, which are set in the ground at least four feet and shall extend above the ground at least two feet. The post shall be no higher than the hubrail planking and shall be spaced no more than six feet apart.

(e) Two planks of hardwood or other suitable material shall be mounted on the side of the post facing the track and running horizontally and parallel to each other.

(f) On the opposite side of the posts, not more than eight inches from the top thereof, there shall be a $\frac{3}{8}$ inch steel cable running around the circumference of the track and securely fastened to the post with eye bolts.

(g) The hubrail entrance and exit gates to the pit area shall be closed while vehicles are in motion on the track, unless alternate arrangements have been made by the installation of barriers of a type which will prevent cars out of control from leaving the track and entering the immediate pit working area.

(h) Where the licensee wishes to use methods other than gates, an inspection of such installations by a representative of the Superintendent is required.

(i) The hubrail opening for vehicles shall be so located that a vehicle leaving the track must turn 90 degrees before entering the pit area.

(j) At locations using methods other than gates between the pit area and the track, the licensee shall provide a guard to prevent unauthorized persons from entering the track area.

(k) The use of baled hay or straw or any similar material as a protective device between participating vehicles and spectators is specifically prohibited.

13:62-10.2 Fences

All fences installed for the purpose of limiting spectator areas shall be constructed of welded wire fabric or chain link and shall be at least six feet in height and so constructed as not to be easily lifted, climbed over or moved aside, except at motocross events the fence shall be of the same construction but at least five feet in height.

13:62-10.3 Red and amber lights

(a) Each track used for automotive racing, except those used for acceleration and performance tests, shall be equipped with a system of at least four red lights and four amber lights so arranged that at least one light of each color will be visible to the drivers as they enter each turn.

(b) The lights shall be controlled by a single switch. The licensee shall provide a responsible person to operate such switch during the entire time of each race.

(c) When the red lights are illuminated, all racing vehicles on the track shall stop as soon as possible and remain stopped until such time as the red lights are turned out.

(d) When the amber lights are illuminated, all racing vehicles on the track shall slow down and maintain their position unless otherwise directed to change position by a track official.

13:62-10.4 Flagmen

(a) On tracks over one mile in length, licensees may use flagmen in lieu of the red and amber lights, provided the assistant flagman in the starter's stand is in constant two-way radio or telephone communication with all flagmen.

(b) On display of the red flag, all racing vehicles shall stop as soon as possible and remain stopped until such time as the red flag is removed from display.

(c) On display of the amber flag, all racing vehicles shall slow down and maintain their position unless directed to change their position by a track official.

13:62-10.5 Starters

(a) The licensee shall provide starter(s) located within a starter's stand with an unobscured view of the entire racing surface from which to control the racing event.

(b) All circular or oval tracks, road courses and other locations utilizing the services of flagmen to control the event shall also have an assistant flagman in the starter's stand. The assistant flagman used to control or start a race shall be in the starter's stand when starting and during the race.

13:62-10.6 Maximum protection

(a) All hubrails, fences, stands and buildings shall be constructed and maintained so as to afford maximum protection for spectators.

(b) Any spectator stand erected or relocated on or after April 1, 1960, must be located at least 25 feet from the hubrail.

13:62-10.7 Driver and vehicle requirements

(a) All drivers in enduro events shall be at least 18 years of age and possess a driver's license. The licensee shall check the license for validity.

(b) All drivers shall wear a helmet in condition which meets or exceeds the American National Standard Institute (A.N.S.I.) Z-90.1 testing standard.

(c) The driver of all vehicles shall wear windproof, shatterproof goggles or a face shield of the type which meets or exceeds U.S.A. standard Specifications for Head, Eye and Respiratory Protection Z2.1-1959 testing standard.

(d) All drivers in enduro events shall wear fire retardant suits. Fire retardant underwear is recommended.

(e) All drivers are required to wear fire resistant gloves.

(f) All drivers are required to wear fire resistant shoes and it is recommended that fire resistant socks be worn.

(g) No driver shall compete with head or arm extended outside of the doors or windows.

(h) A driver shall remain with the vehicle if it is disabled during the race, except that:

1. During a red light or red flag, the driver may exit the vehicle and return to the pit area at direction of track personnel.

2. Racing should be stopped (red flagged) at 15-minute intervals to allow drivers to exit to pit area. The time intervals may be extended if no disabled vehicles are located on the track.

(i) Each vehicle shall have a minimum 104-inch wheel-base.

(j) Convertibles, pickup trucks, station wagons, or vans are prohibited in enduro events.

13:62-10.8 Windshield

(a) The originally installed windshield may remain but all other glass must be completely removed from a participating vehicle.

(b) Window net or screen shall be securely installed on the driver's side.

13:62-10.9 Mirrors

Inside rear view mirrors are permitted. Outside view mirrors are prohibited.

13:62-10.10 Vehicle interior and exterior requirements

(a) Chrome and nonmetallic trim shall be removed from sides of the vehicle.

(b) Passenger seats shall be removed from the interior of the vehicle.

(c) A safety hub or reinforced wheel is required on the vehicle's right front wheel.

(d) All doors shall be bolted, chained or welded closed. Any door opening during an event shall constitute automatic disqualification.

(e) The exterior of the driver's side door shall have at least one metal brace at bumper height.

(f) All vehicles shall retain stock appearance with no alterations to fenders or wheel wells.

13:62-10.11 Tires

(a) Passenger tires with United States Department of Transportation numbers shall be allowed with a maximum tread width of seven inches.

(b) Studs or "cheater-slicks" are prohibited.

(c) Wheel rim width shall not exceed seven inches.

13:62-10.12 Fuel tanks

(a) Except as set forth in (b) below, vehicles using a self-contained fuel cell with an inner rubber bladder shall bolt the self-contained fuel cell to the frame of the vehicle utilizing an "x" type frame work under the cell. At least three one inch metal straps $\frac{1}{4}$ inch thick shall be bolted to the frame of the vehicle by at least two $\frac{3}{8}$ inch three line bolts and angled to go around the cell, except for the bottom, to apply maximum pressure against the tank to the frame.

(b) Vehicles with limited space shall have the fuel cell secured by four one inch metal straps, $\frac{1}{4}$ inch thick, bolted to the frame of the vehicle by at least two $\frac{3}{8}$ inch three line bolts and angled to go entirely around the cell to apply maximum pressure against the fuel tank.

(c) A conventional type fuel tank shall be bolted within the frame of the vehicle.

(d) A reinforcing member of the same kind and size material as that used in the roll cage of the chassis shall be installed to the rear of the fuel tank joining the rearmost portion of the chassis.

(e) A vehicle utilizing a fuel tank mounted to the front of the front fire wall shall have a reinforcing member of the same kind of material as that used in the roll cage or chassis, installed in such a manner as to afford maximum protection to the tank.

(f) A metal fire wall shall be installed between the fuel tank and driver's compartment to afford the driver maximum protection.

13:62-10.13 Fuel lines

Fuel lines shall not pass through the passenger compartment of the vehicle.

13:62-10.14 Engine and suspension requirements

(a) The engine shall remain stock with a factory installed carburetor and manifold.

(b) Altering of suspension or torching of springs is prohibited.

13:62-10.15 Seat belts

(a) A shoulder harness and four point racing lap belt in good working condition shall be installed and properly worn during the event.

(b) A lap belt and shoulder harness installed in a position other than manufacturer's shall be affixed to the outer floor utilizing four inch by four inch steel plate and bolts of adequate tempered steel strength.

13:62-10.16 Bumpers

All vehicles shall be equipped with stock bumpers securely fastened on the front and rear. Outside bracing of bumpers is prohibited.

13:62-10.17 Batteries

(a) Batteries shall be properly secured as follows:

1. Batteries located in the driver compartment shall be shielded to prevent leakage in the event of damage or turnover.

2. Batteries located adjacent to the fuel supply of the vehicle shall be secured in a metal box bolted to the frame of the vehicle by at least four $\frac{3}{8}$ inch three line bolts and in such a manner to apply maximum pressure against the metal box to the frame. The battery shall also have a marine box cover secured to the top of the metal box as to not allow any movement of the battery.

3. Batteries located in any other area not specified in (a)1 and 2 above shall be shielded to prevent leakage in the event of damage or turnover.

13:62-10.18 Seats

(a) A factory installed front seat shall be utilized provided it is equipped with a headrest.

(b) Seats shall be attached to the main frame of the vehicle, the frame of the roll cage or to a substantial metal plate utilizing a minimum of six, three line, $\frac{5}{16}$ inch bolts.

(c) The base of the seat shall be installed with four $\frac{5}{16}$ inch bolts not more than three inches from the outer edge at the four most practical points.

(d) Two bolts shall be installed at the two most practical points at the top of the back of the seat and a metal strap of at least two inches in width and $\frac{1}{8}$ inch thick shall connect every two bolts.

13:62-10.19 Rollover cage

(a) All race cars shall be equipped with a rollover cage surrounding the driver of a design, construction and quality affording the driver maximum protection against injury.

(b) Rollover bars installed in vehicle shall be a minimum of three inches above and six inches behind the driver's head.

(c) The outside diameter of the rollover bars shall be a minimum of one and three-quarters inch and wall thickness a minimum of .09 inch.

(d) Rollover bars welded, bolted or fastened to the flooring shall utilize a six inch by six inch by one-quarter inch base plate.

(e) Vehicles having uni-body construction may install a rollover bar welded to the frame of the vehicle utilizing six inch by six inch by one-quarter inch base plate affixed to outer flooring.

(f) Rollover bars shall be plainly visible with the exception of built-in or integral rollover bars.

(g) Vehicles with built-in or integral rollover bars shall maintain and provide upon request by the Superintendent or designee the manufacturer's detailed drawing establishing the dimensions and material utilized.

13:62-10.20 Miscellaneous equipment requirements

(a) The drive shaft loop shall be installed not more than 24 inches from the front and rear yokes of the vehicle.

(b) All vehicles shall have an opening in the hood to properly expose the carburetor.

(c) The radiator shall remain in the manufacturer's position. Any movement of the radiator is prohibited.

(d) The front and rear trunk lid shall remain securely fastened with cable or chain throughout the entire event. Any incidental opening shall disqualify the vehicle from the event.

(e) Outer decorations on the vehicle utilizing poles, flags, staffs or other hazardous protuberances are prohibited.

(f) Transmission and radiator cooling cores located inside the vehicle are prohibited.

13:62-10.21 Additional track responsibilities

(a) The licensee shall maintain safe conditions during all pit stops.

(b) The licensee shall insure that disabled vehicles are left at the point of disablement.

(c) The licensee shall maintain adequate fire apparatus on location during the event, including:

1. A fire vehicle with a minimum of 300 pounds of dry chemical then meets the National Fire Protection Association standards of a mini pumper;

2. Twenty-pound fire extinguishers, at a minimum, with a minimum of 10 B.C. rating shall be maintained on location during an event; and

3. A minimum of two sets of protective turn-out gear shall be available to track personnel.

13:62-10.22 Speed limits

All vehicles traveling in the pit area or staging area must obey a five miles per hour speed limit.

13:62-10.23 Licensed facilities

Automobile enduro events shall only take place in licensed facilities.

SUBCHAPTER 11. MUD HOP**13:62-11.1 Construction requirements**

(a) Hubrail construction shall comply in all respects with the requirements of this chapter.

(b) The licensee shall provide and maintain hubrails on the outer circumference of the track and around the entire circumference thereof. Where spectators are allowed in the infield or within the inner circumference of the track, the licensee shall provide and maintain a hubrail, as described in this section, around the inner circumference of the track.

(c) The hubrail shall consist of at least two planks of hard wood or other suitable materials, at least 10 inches in width by three inches in thickness.

(d) The hubrail shall be supported by posts of similar material of at least six inches in width and six inches in thickness or round posts not less than seven inches in diameter, which are set in the ground at least four feet and shall extend above the ground at least two feet. The post shall be no higher than the hubrail planking and shall be spaced no more than six feet apart.

(e) Two planks of hardwood or other suitable material shall be mounted on the side of the post facing the track and running horizontally and parallel to each other.

(f) On the opposite side of the posts, not more than eight inches from the top thereof, there shall be a $\frac{3}{4}$ inch steel cable running around the circumference of the track and securely fastened to the post with eye bolts.

(g) The hubrail entrance and exit gates to the pit area shall be closed while vehicles are in motion on the track, unless alternate arrangements have been made by the installation of barriers of a type which will prevent cars out of control from leaving the track and entering the immediate pit working area.

(h) Where the licensee wishes to use methods other than gates, an inspection of such installations by a representative of the Superintendent is required.

(i) The hubrail opening for vehicles shall be so located that a vehicle leaving the track must turn 90 degrees before entering the pit area.

(j) At locations using methods other than gates between the pit area and the track, the licensee shall provide a guard

to prevent unauthorized persons from entering the track area.

(k) The use of baled hay or straw or any similar material as a protective device between participating vehicles and spectators is specifically prohibited.

13:62-11.2 Fences

All fences installed for the purpose of limiting spectator areas shall be constructed of welded wire fabric or chain link and shall be at least six feet in height and so constructed as not to be easily lifted, climbed over or moved aside, except at motocross events the fence shall be of the same construction but at least five feet in height.

13:62-11.3 Red and amber lights

(a) Each track used for automotive racing, except those used for acceleration and performance tests, shall be equipped with a system of at least four red lights and four amber lights so arranged that at least one light of each color will be visible to the drivers as they enter each turn.

(b) The lights shall be controlled by a single switch. The licensee shall provide a responsible person to operate such switch during the entire time of each race.

(c) When the red lights are illuminated, all racing vehicles on the track shall stop as soon as possible and remain stopped until such time as the red lights are turned out.

(d) When the amber lights are illuminated, all racing vehicles on the track shall slow down and maintain their position unless otherwise directed to change position by a track official.

13:62-11.4 Flagmen

(a) Licensees of tracks over one mile in length may use flagmen in lieu of the red and amber lights, provided the assistant flagman in the starter's stand is in constant two-way radio or telephone communication with all flagmen.

(b) On display of the red flag, all racing vehicles shall stop as soon as possible and remain stopped until such time as the red flag is removed from display.

(c) On display of the amber flag all racing vehicles shall slow down and maintain their position unless directed to change position by a track official.

13:62-11.5 Starters

(a) The licensee shall provide a starter(s) located within a starter's stand with an unobscured view of the entire racing surface from which to control the racing event.

(b) At all circular or oval tracks, road courses and other locations utilizing the services of flagmen to control the event, the licensee shall also have an assistant flagman in the starter's stand. The assistant flagman used to control or

start a race shall be in the starter's stand when starting and during the race.

13:62-11.6 Maximum protection

(a) All hubrails, fences, stands and buildings shall be constructed and maintained so as to afford maximum protection for spectators.

(b) Any spectator stand erected or relocated on or after April 1, 1960, must be located at least 25 feet from the hubrail.

13:62-11.7 Licensed facilities

Mud hop events shall only be conducted at licensed facilities.

13:62-11.8 Alcohol/controlled dangerous substances prohibited

No alcohol or controlled dangerous substances shall be permitted within the pit area. Anyone departing the pit area shall be prohibited from returning during the duration of the event if the individual has consumed alcohol or a controlled dangerous substance.

13:62-11.9 Driver requirements

(a) Mud hop drivers shall be a minimum 18 years of age and possess a valid driver's license from the driver's state of residence.

(b) The driver's license number shall be recorded on an entry form and checked by the licensee for validity.

(c) The driver shall remain with a disabled vehicle until properly escorted from the racing track.

13:62-11.10 Equipment requirements

(a) All drivers shall wear a helmet in condition which meets or exceeds the American National Standard Institute (A.N.S.I.) Z-90.1 testing standard.

(b) The driver of all vehicles shall wear windproof, shatterproof goggles or a face shield of the type which meets or exceeds U.S.A. standard Specifications for Head, Eye and Respiratory Protection Z2.1-1959 testing standard.

(c) Drivers shall be attired in a shirt, long pants and shoes, at a minimum. It is recommended that this clothing be of a fire retardant material.

(d) The extension of the driver's head or arm outside the vehicle is prohibited.

13:62-11.11 Windows

(a) The windshield of the participating vehicle may remain as originally installed.

(b) Heavy mesh screening with a metal post covering the entire opening or plexiglass with a center post shall be utilized where the original windshield is removed.

13:62-11.12 Vehicle interior and exterior requirements

(a) Sharp edges created by accidental vehicle contact shall be folded over to render the vehicle safe.

(b) Alterations to the fenders or wheel wells are prohibited on stock vehicles.

(c) All doors of participating vehicles shall remain closed during an event. Any opening shall constitute automatic disqualification.

13:62-11.13 Seat belts

(a) Seat belts are required and shall be properly worn during the event.

(b) A racing lap belt and shoulder harness shall be installed and utilized on any modified vehicle, provided it is:

1. Approved through the licensee's technical inspection and found to be in good condition; and
2. Securely affixed to the outer flooring and reinforced by a four inch by four inch steel plate and bolts of adequate tempered steel strength.

(c) Cable, chain or straps securing devices for seat belts are prohibited.

13:62-11.14 Rollover cage

(a) Open cab vehicles shall be equipped with rollover cage surrounding the driver of a design, construction and quality affording the driver maximum protection against injury.

(b) Rollover bars installed in vehicle shall be a minimum of three inches above and six inches behind the driver's head.

(c) Rollover bars shall be a minimum of 1 $\frac{3}{4}$ inch outside diameter with a wall thickness of a minimum of .09 inch.

(d) Rollover bars welded, bolted or fastened to the flooring shall utilize a six inch by six inch by $\frac{1}{4}$ inch base plate.

(e) Vehicles having uni-body construction may have a rollover bar welded to the frame of the vehicle utilizing six inch by six inch by $\frac{1}{4}$ inch base plate affixed to the outer flooring.

(f) Rollover bars shall be plainly visible with the exception of built-in or integral rollover bars.

(g) Owners of vehicles with built-in or integral rollover bars shall maintain and provide upon request by the Superintendent or designee the manufacturer's detail drawing establishing the dimensions and material utilized.

13:62-11.15 Bumpers

All vehicles shall be equipped with bumpers securely fastened on the front and rear. Outside bracing of bumpers shall be prohibited.

13:62-11.16 Batteries

(a) Batteries shall be properly secured as follows:

1. Batteries located in the driver compartment shall be shielded to prevent leakage in the event of damage or turnover.

2. Batteries located adjacent to the fuel supply of the vehicle must be secured in a metal box bolted to the frame of the vehicle by at least four $\frac{3}{8}$ inch three line bolts to apply maximum pressure against the metal box to the frame. The battery shall also have a marine box cover secured to the top of the metal box as to not allow any movement of the battery.

3. Batteries shall not be located within the driver's compartment.

4. Batteries located in any other area not specified in (a)1 and 2 above shall be shielded to prevent leakage in the event of damage or turnover.

13:62-11.17 Miscellaneous equipment requirements

(a) The drive shaft loop shall be installed not more than 24 inches from the front and rear yokes of modified vehicles.

(b) The radiator, if moved from the manufacturer's position, shall be shielded from the driver by a firewall.

(c) The front and rear trunk lid shall remain securely fastened with cable or chain throughout the entire event. Any incidental opening shall disqualify the vehicle from the event.

(d) Outer decorations on the vehicle utilizing poles, flags, staffs or other hazardous protuberances are prohibited.

(e) Transmission and radiator cooling lines or cooling cores shall be equipped with a metal fire wall separating the driver for maximum security.

(f) Tow hooks or tow bars shall be installed and secured to the frame of the vehicle.

(g) No vehicle shall transport more than one person at any time during an event or warm-up.

13:62-11.18 Braking system and pedal reserve

(a) The licensee shall test and approve each vehicle for break pedal reserve prior to the vehicle departing the pit area.

(b) No vehicle shall be permitted to participate in any event if the braking system includes a direct application of pressure to any of the tires or any apparent deficiencies.

13:62-11.19 Automatic transmission safety mats

Any modified vehicle with an automatic transmission shall have a steel mat, plate, or blanket installed over the transmission so as to protect the driver from injury caused by the fragmentation of the automatic transmission upon explosion.

13:62-11.20 Seats

(a) A factory installed front seat may be utilized provided it is equipped with a headrest.

(b) Seats shall be attached to the main frame of the vehicle, the frame of the roll cage or to a substantial metal plate utilizing a minimum of six, three line, five-sixteenths inch bolts.

(c) The base of the seat shall be installed with four five-sixteenths inch bolts not more than three inches from the outside edge of the four most practical points.

(d) Two bolts shall be installed at the two most practical points at the top of the back of the seat and a metal strap of at least two inches in width and one-eighth inch in thickness shall connect every two bolts.

13:62-11.21 Additional track responsibilities

(a) The licensee shall maintain safe conditions during all pit stops.

(b) The licensee shall maintain adequate fire apparatus on location during the event, including:

1. A fire vehicle that meets the National Fire Protection Associations standards of a mini pumper;

2. Twenty-pound fire extinguishers, at a minimum, with a minimum of 10 B.C. rating on location during an event; and

3. A minimum of two protective turn out gear shall be available to track personnel.

13:62-11.22 Speed limits

All vehicles traveling in the pit area or staging area must obey a five miles per hour speed limit.

13:62-11.23 Licensed facilities

Mud hop events shall only take place in licensed facilities.

SUBCHAPTER 12. REACTION POWER VEHICLES, THRILL SHOWS AND GYMKHANAS

13:62-12.1 Licensed facilities

(a) Reaction powered vehicles and thrill shows are prohibited from non-licensed facilities.

(b) Notification shall be given to the Superintendent at least 20 days prior to any such scheduled event. Notification of an upcoming thrill show shall include a full description of the type of event.

13:62-12.2 Vehicle equipment

(a) All vehicles equipped with parachute(s) shall have a red streamer attached to the safety pin(s). The safety pin shall be removed from the parachute prior to the starting lights being activated.

(b) All vehicles utilizing two or more parachutes shall have at least two anchoring points for each parachute, each point separate from the other.

SUBCHAPTER 12A. QUARTER MIDGETS EVENTS

13:62-12A.1 Licensed facilities

Quarter midget events shall only take place in licensed facilities.

13:62-12A.2 Track construction

(a) Construction of hubrails, fences and other safety devices for quarter midget events shall comply in all respects with provisions of this subchapter.

(b) The hubrail construction for quarter midget events shall be the same as the hubrail construction used for go-kart and motorcycle events in that planks made of marine plywood three-quarter inches thick and 12 inches wide may be used.

(c) The licensee shall erect along any part of the track where spectators are permitted, in addition to the hubrail, a fence six feet in height and located not less than four feet from the edge of the track.

13:62-12A.3 Safety requirements

(a) Quarter midgets and persons participating in races or exhibitions of driving skill on any track or facility licensed by the Superintendent shall comply with the following requirements:

1. No person under the age of five years of age may operate a quarter midget in any race or exhibition of driving skills.

2. All quarter midget vehicles shall adhere to the rules and regulations governing quarter midget vehicles in the "Quarter Midgets of America" 1990-1991 racing rules and specifications directory which are incorporated herein by reference. A copy of these rules can be obtained by contacting the Quarter Midgets of America, 6118 E. 19th Street, Tulsa, OK 74112.

i. On written request of a licensee, the Superintendent may approve any revisions or amendments by the Quarter Midgets of America. Approval of such request shall be reflected in a proposed amendment to this chapter.

3. No repairs shall be made on any quarter midget during the course of a race unless the vehicle is removed to the pit area.

4. A starting apron shall be provided where the quarter midgets are to be started. Persons shall not enter the race course to push a quarter midget. A quarter midget which has not been started on the starting apron shall not be pushed on to the track proper but shall return to the pit area or to the rear of the starting apron. No person shall enter the race course for the purpose of starting a stalled quarter midget while any race or exhibition is in progress.

5. All drivers shall wear a helmet in condition which meets or exceeds the American National Standard Institute (A.N.S.I.) Z-90.1 testing standard.

6. The driver of all vehicles shall wear windproof, shatterproof goggles or a face shield of the type which meets or exceeds U.S.A. standard Specifications for Head, Eye and Respiratory Protection Z2.1-1959 testing standard.

7. All participants shall remain inside the cockpit of the quarter midgets while the vehicle's engine is running. The participant shall not be permitted to race (black flagged) if the participant leans outside of the quarter midgets for any reason whatsoever.

8. All novice class quarter midget vehicles shall be equipped with an additional external engine shut off switch placed on the top of the roll bar to shut off the vehicles engine in case of emergency.

9. All fuel lines shall be shielded utilizing a steel braided material.

10. Fuel lines shall have automotive fittings or positive clamps.

11. Rigid fuel lines are prohibited.

Amended by R.1997 d.211, effective May 19, 1997.
See: 29 N.J.R. 848(a), 29 N.J.R. 2465(b).
Added (a)9 through 11.

13:62-12A.4 Speed limits for all quarter midget events; pit area operation prohibition

(a) No quarter midget vehicle shall exceed the speed of 30 miles per hour during a race, exhibition, or performance test of any kind.

(b) No quarter midget shall be operated under power in the pit area.

SUBCHAPTER 12B. JUNIOR DRAG RACING EVENTS**13:62-12B.1 Licensed facilities**

Junior drag racing events shall only take place in licensed facilities.

13:62-12B.2 Construction requirements

(a) Hubrail construction shall comply in all respects with the requirements of this subchapter.

(b) The licensee shall provide and maintain hubrails on the outer area of the track and around the entire area thereof. Where spectators are allowed in the return road or within the inner area of the track, the licensee shall provide and maintain a hubrail, as described in this section, around the inner area of the track.

(c) The hubrail shall consist of at least two planks of hard wood or other suitable materials, at least 10 inches in width by three inches in thickness.

(d) The hubrail shall be supported by posts of similar material of at least six inches in width and six inches in thickness or round posts not less than seven inches in diameter, which are set in the ground at least four feet and shall extend above the ground at least two feet. The post shall be no higher than the hubrail planking and shall be spaced no more than six feet apart.

(e) Two planks of hardwood or other suitable material shall be mounted on the side of the post facing the track and running horizontally and parallel to each other.

(f) On the opposite side of the posts, not more than eight inches from the top thereof, there shall be a $\frac{3}{4}$ inch steel cable running around the circumference of the track and securely fastened to the post with eye bolts.

(g) The hubrail entrance and exit gates to the pit area shall be closed while vehicles are in motion on the track, unless alternate arrangements have been made by the installation of barriers of a type which will prevent cars out of control from leaving the track and entering the immediate pit working area.

(h) Where the licensee wishes to use methods other than gates, an inspection of such installations by a representative of the Superintendent is required.

(i) The hubrail opening for vehicles shall be so located that a vehicle leaving the track must turn 90 degrees before entering the pit area.

(j) At locations using methods other than gates between the pit area and the track, the licensee shall provide a guard to prevent unauthorized persons from entering the track area.

(k) The use of baled hay or straw or any similar material as a protective device between participating vehicles and spectators is specifically prohibited.

13:62-12B.3 Fences

All fences installed for the purpose of limiting spectator areas shall be constructed of welded wire fabric or chain link and shall be at least six feet in height and so constructed as not to be easily lifted, climbed over or moved aside, except at motocross events the fence shall be of the same construction but at least five feet in height.

13:62-12B.4 Starting tree lights

(a) Strips used for acceleration and performance tests need be equipped with only one red light on the starting tree.

(b) The lights shall be controlled by a single switch. The licensee shall provide a responsible person to operate such switch during the entire time of each race.

13:62-12B.5 Starters

(a) The licensee shall provide starter(s) located within a starter's area with an unobscured view of the entire racing surface from which to control the racing event.

13:62-12B.6 Maximum protection

(a) All hubrails, fences, stands and buildings shall be constructed and maintained so as to afford maximum protection for spectators.

(b) Any spectator stand erected or relocated on or after April 1, 1960, must be located at least 25 feet from the hubrail.

13:62-12B.7 Location

(a) A location approved for acceleration and performance tests shall provide for a stopping distance at least equal to the acceleration and timing distance.

(b) The acceleration area shall not exceed 660 feet.

(c) The entire racing strip, including the deceleration area, shall be paved.

(d) The end of the acceleration area may be marked by an overhead banner, provided the supports are of such construction that they will not present a hazard to the vehicles. The height of the banner shall be at least 14 feet above the surface of the strip.

(e) All junior dragsters shall only compete utilizing the $\frac{1}{8}$ of a mile track surface.

13:62-12B.8 Vehicle equipment and driver requirements

(a) Junior drag racers and personnel participating in races or exhibitions of driving skill on any track or facility licensed by the Superintendent shall comply with the following requirements:

1. No person under the age of eight years of age may operate a junior dragster in any race or exhibition of driving skill.

2. All junior dragster vehicles shall adhere to the rules and regulations governing junior drag racing vehicles as written in the "The NHRA Junior Dragracing League" 2001 Rulebook as may be amended and supplemented which is incorporated herein by reference. A copy of these rules can be obtained by contacting the N.H.R.A. Technical Department, 2035 Financial Way, Glendora, CA 91740.

3. No repairs shall be made on any junior drag racer during the course of a race unless the vehicle is removed to the pit area.

4. Persons shall not enter the race course to push a junior drag vehicle. A junior drag vehicle which has not been started on the starting area shall not be pushed on to the track proper but must return to the pit area or to the rear of the starting line. No person shall enter the race course for the purpose of starting a stalled junior drag vehicle while any race or exhibition is in progress.

5. All drivers shall wear a helmet in condition which meets or exceeds the American National Standard Institute (A.N.S.I.) Z-90.1 testing standard.

6. The driver of all vehicles shall wear windproof, shatterproof goggles or a face shield of the type which meets or exceeds U.S.A. standard Specifications for Head, Eye and Respiratory Protection Z2.1-1959 testing standard.

7. All participants shall remain inside the cockpit of the junior dragster while the vehicle's engine is running.

8. All junior dragster vehicles shall be equipped with an additional external engine shut off switch on top of the roll bar to shut off the vehicle's engine in case of emergency.

Amended by R.2001 d.354, effective October 1, 2001.
See: 33 N.J.R. 2250(a), 33 N.J.R. 3451(b).
Rewrote (a)2.

13:62-12B.9 Pit area operation

No junior dragster shall be operated under power in the pit area.

Amended by R.2001 d.354, effective October 1, 2001.
See: 33 N.J.R. 2250(a), 33 N.J.R. 3451(b).
Rewrote the section.

SUBCHAPTER 13. ADVISORY COMMITTEE

13:62-13.1 Appointment of advisory committee

(a) The Superintendent may appoint a civilian advisory committee in order to assist the Superintendent or his or her designee with questions that may arise pertaining to the auto racing field.

(b) These civilian advisors will have knowledge of the racing industry and will be appointed in a voluntary capacity.

(c) All members being considered for the position as an advisory committee member shall complete an application and be required to undergo a background investigation as a prerequisite for appointment.

SUBCHAPTER 14. SPECIAL AGE PROVISION

13:62-14.1 Participant requirements

(a) Subject to the provisions of this chapter applicable to the particular type of event, persons 18 years of age or less shall be permitted to participate in events providing the following conditions are met:

1. The participant is covered by accidental death and dismemberment insurance in an amount not less than \$10,000 for accidental death and \$3,000 for dismemberment; and

2. The participant shall be required to furnish proof of successful completion of an operational and safety course for the particular vehicle which the participant desires to operate.

Amended by R.2001 d.354, effective October 1, 2001.
See: 33 N.J.R. 2250(a), 33 N.J.R. 3451(b).

In (a), rewrote the introductory paragraph and deleted "between the ages of 10 and 18" in 1 and 2.

13:62-14.2 Licensee responsibilities

(a) The licensee shall ensure that all conditions set forth in this chapter are met prior to permitting an individual to participate in any event.

(b) The licensee shall ensure that the operation of vehicles covered by this chapter by persons 18 years of age or less shall be restricted to the confines of an approved race or exhibition area and adjoining pit area.

Amended by R.2001 d.354, effective October 1, 2001.

See: 33 N.J.R. 2250(a), 33 N.J.R. 3451(b).

In (b), substituted "chapter" for "subchapter", deleted "between the ages of 14 and" following "by persons" and inserted "years of age or less" following "18".

SUBCHAPTER 15. ACTIONS FOR VIOLATION(S)

13:62-15.1 Actions for violations

(a) The Superintendent or designee may stop a racing event if any portion of this chapter is violated and participants, spectators or track employees are at unreasonable risk for their safety.

(b) The race event shall be permitted to resume if the violation is corrected within a responsible amount of time.

SUBCHAPTER 16. APPEALS OF ADMINISTRATIVE ACTION

13:62-16.1 Hearings

(a) In the case of the suspension, denial or refusal to renew a license, the Superintendent shall notify the applicant or licensee in writing of such action and the reasons for the action.

(b) A licensee or applicant may request a hearing to appeal the action of the Superintendent. A request for a hearing of the Superintendent's action shall be made in writing to the Superintendent within 15 days from the receipt of the notice.

(c) If a request for a hearing is timely received, the Superintendent shall take the appropriate action in accordance with the provisions of the Administrative Procedures Act, N.J.S.A. 52:14B-1 et seq. and the Uniform Administrative Rules of Practice, N.J.A.C. 1:1.