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**RULE PROPOSALS**

**LAW AND PUBLIC SAFETY  
DIVISION OF STATE POLICE**

*41 N.J.R. 381(a)*

**Proposed Amendments:** *N.J.A.C. 13:62-1.1, 2.1, 2.4, 2.5, 2.8, 2.18, 3.6, 3.7, 3.10, 3.11, 3.12, 3.13, 4.12, 4.17, 4.22, 4.25, 4.26, 4.30, 5.6, 5.23, 6.10, 6A.8, 6B.4, 6B.8, 9.1, 9.2, 9.4, 9.7, 9.8, 10.7, 10.10, 10.12, 10.19, 10.21, 11.10, 11.14, 11.21, 12A.2 and 12A.3*

**Proposed Repeals:** *N.J.A.C. 13:62-2.14, 4.27 and 9.3*

**Proposed Repeal and New Rule:** *N.J.A.C. 13:62-2.19*

**Proposed New Rules:** *N.J.A.C. 13:62-8A*

[Click here to view Interested Persons Statement](#)

**Motor Vehicle Race Track Rules**

Authorized By: Colonel Joseph Fuentes, Superintendent, Division of State Police.

Authority: *N.J.S.A. 5:7-8 et seq.* and Attorney General Executive Directive 1982-2.

Calendar Reference: See Summary below for explanation of exception to rulemaking calendar requirement.

Proposal Number: PRN 2009-42.

Submit written comments by March 21, 2009 to:

Colonel Joseph Fuentes, Superintendent  
c/o Operations Safety Bureau-Fatal Accident Investigation Unit  
Division of State Police  
P.O. Box 7068 - River Road  
West Trenton, NJ 08628-0068

The agency proposal follows:

**Summary**

*N.J.S.A. 5:7-8* requires the regulation of the operation or conduct of motor vehicle races and exhibitions of motor vehicle driving and the regulation of tracks or places at which the same are operated and conducted, providing for the issuance of licenses. Pursuant to this statute and Attorney General Executive Directive 1982-2, the Division of State Police is entrusted with the regulation of motor vehicle races and exhibitions of motor vehicle driving. The Division of State Police is proposing to amend certain rules in accordance with the Division's statutory responsibility.

The Division of State Police is proposing to delete the definition of "trained first aid attendant" and add a new definition for "Certified EMT". The Division proposes to supplement the wording of approval by the Superintendent of unspecified events and for application to suspend rules for events to include approval by "the Superintendent or designee". The Division of State Police is proposing to require licensees to provide positive barrier protection for photographers. The Division of State Police is proposing to delete the redundant wording of the inspection requirement regarding the licensee's responsibility to ensure brake pedal reserve. The Division proposes to rewrite and enhance rules concerning a licensee's minimum fire suppression requirements. The Division proposes to prohibit the use of open face helmets in, road course racing, oval track racing and specified drag racing categories, requiring drivers to wear properly secured full face helmets with face shields and prohibit the use of open face helmets.

The Division further proposes to allow until December 31st of the second year from the date of manufacture to be the expiration date on safety belts in road course racing. The Division proposes to require crew members who work over the hot pit wall to wear protective fire clothing only at times in which fueling is actively taking place. The Division proposes to require that roll bar padding in the interior of a race car be made of fire retardant materials. The Division proposes to prohibit wheel covers fastened by Dzus buttons or similar twist/lock fasteners. The Division proposes to require two steel straps for drive shafts measuring over 36 inches and only one strap for those drive shafts measuring under 36 inches. The Division proposes to change the minimum age of motocross enduro officials to 16 years old and change the name from motocross enduro to motorcycle enduro. The Division proposes to add new Subchapter 8A containing rules governing the operation of "Lawnmower Racing Events" due to the increasing popularity of the sport as a low cost alternative to other forms of motorsports.

The Division also proposes to allow unibody station wagon vehicles in demolition derby contests. The Division proposes to allow the fuel tank in a demolition derby car to be installed behind the driver. The Division proposes to specify the minimum protective clothing to be worn by both demolition derby and tractor pull participants. The Division proposes to allow those drivers who are 17 years of age, or possess a valid driver's or valid farmer's license to participate in tractor pull events. The Division proposes to create two divisions in automobile enduro events, one for vehicles with a wheelbase measuring 95 to 103 inches and a second for wheelbases measuring over 103 inches. The Division proposes to allow compact pickup trucks to compete in enduro events. The Division proposes to prohibit stiffening of vehicles used in enduro events and to protect fuel tanks that have internal fuel pumps. Finally, the Division proposes to allow the use of steel Armco barriers for quarter midget track construction and prohibit persons from entering a quarter midget track under a green flag condition.

[page=382] The specific sections proposed for amendment, repeal and new rules are further described below. Subchapter 1 contains definitions. The proposed amendments to *N.J.A.C. 13:62-1.1* would delete "trained first aid attendant" and add a new definition for "certified EMT" as per the New Jersey Highway Traffic Safety Act of 1987, *N.J.S.A. 27:5F-18* et seq., and the New Jersey Medical Assistance and Health Services Act, *N.J.S.A. 30:4D-6.2* et seq. This particular definition is utilized in Subchapter 2.

Subchapter 2 contains general rules on motor vehicle race track license requirements and licensee responsibilities applicable to all racing events. The proposed amendment to *N.J.A.C. 13:62-2.1(a)6* would add a new requirement that all licensed facilities provide a current New Jersey State Uniform Fire Safety Code Certificate of Inspection with an initial or a renewal license application. The proposed amendment to *N.J.A.C. 13:62-2.4* allows a designee of the Superintendent to approve a demonstration event. The proposed amendment also changes the time within which a request must be made from 20 days prior to the event to 60 days to conform this rule to *N.J.A.C. 13:62-2.5*. The proposed amendment to *N.J.A.C. 13:62-2.5* would provide for a designee to approve a request to suspend application of

a specific rule applicable to an event. The proposed amendment to *N.J.A.C. 13:62-2.8* would require 360 degree positive barrier protection in a safe area for photographers working in the infield. The proposed amendments to *N.J.A.C. 13:62-2.8(i)* and (k) would add the word "long" before the word "pants," to clarify the type of required pants. The proposed repeal of *N.J.A.C. 13:62-2.14* would delete the redundant wording of the technical inspection aspect of the rule, which is covered in each subsequent subchapter under inspection of vehicles. The proposed amendment to *N.J.A.C. 13:62-2.18* would replace "first aid attendant" with "certified EMT."

The proposed repeal and new rule at *N.J.A.C. 13:62-2.19* would replace the outdated requirements for fire fighting equipment required at licensed facilities with updated fire suppression equipment and personal protective clothing requirements applicable to licensees who employ their own fire fighting personnel at a facility. The proposed new rule also provides that a licensee may make use of a recognized paid or volunteer fire company to provide fire fighting protection at the facility. The proposed new rule was reviewed by the New Jersey State Fire Marshal. The enhancements to fire fighting equipment and minimum personal protective clothing requirements in the proposed new rule were adapted from the Occupational Safety and Health Administration Regulation *29 CFR 1910.156(e)* (July 1, 2008) for Personal Protective Clothing, available at the U.S. Department of Labor website located at <http://www.osha.gov>. The proposed new rule incorporates by reference the Snell Memorial Foundation Testing Standard SA for full-faced helmets that have not reached their expiration dates by the time of the event.

Subchapter 3 contains safety requirements for vehicles and personnel participating in road racing and high performance driving schools. The proposed amendment to *N.J.A.C. 13:62-3.6(a)* prohibits the use of open face helmets and requires drivers to wear properly secured full face helmets with face shields, thus increasing a driver's protection from fire and removes the wording "most recent" allowing all Snell rated helmets that have not expired to be used. An amendment also adds a requirement that the driver wear a Nomex or similar fire-resistant head sock. The proposed amendment to *N.J.A.C. 13:62-3.6(f)* would delete and relocate this section as *N.J.A.C. 13:62-3.11(d)*.

The proposed amendment to *N.J.A.C. 13:62-3.7(c)* will remove the wording "practice days and road races for any," and replace it with more specific terms of which events shall be required to have a five-point harness. The proposed amendment to *N.J.A.C. 13:62-3.7(c)1* will set December 31st of the second year after the date of manufacture on the SFI tag as the expiration date for road racing seat belts. The proposed amendment to *N.J.A.C. 13:62-3.10(c)* would redefine the pit lane speed limit during races, practices and qualifying sessions by using the revolution per minute (rev) limit set by the sanctioning authority or event organizer to measure speed and control traffic flow. Rev limiting is the common practice in other forms of motorsport for regulating speed in pit lanes nationwide. In all classes of racing, the rev limit speed shall not be permitted to exceed 55 miles per hour. The proposed amendment to *N.J.A.C. 13:62-3.11(a)* would allow authorized persons to be permitted behind the pit lane wall during such times that vehicles are not actively racing, practicing, qualifying, or testing. The proposed amendment to *N.J.A.C. 13:62-3.11(a)* adds a provision that items of clothing are prohibited in the pit lane area or race track during an event may be worn behind the pit wall when vehicles are not actively racing or practicing. This exception would be to the benefit of racing teams, sponsors and advertisers, without adversely affecting safety. The proposed amendment to *N.J.A.C. 13:62-3.11(b)* requires crew members who work over the hot pit wall to wear protective fire clothing only at times in which fueling is actively taking place. Proposed new subsection *N.J.A.C. 13:62-3.11(d)* would relocate *N.J.A.C. 13:62-3.6(f)* to a new location under clothing requirements; other than drivers, where it would be more appropriate. The proposed amendment to *N.J.A.C. 13:62-3.12(a)* would expand the one person restriction to include practice and qualifying sessions. The proposed amendments to *N.J.A.C. 13:62-3.12(b)* and (c) would delete the word "certified" from the instructors because there is no certification process for driving instructors. The proposed amendments to *N.J.A.C. 13:62-3.13* would require that roll bar padding must meet or exceed SFI Spec 45.1, available at [www.sfi-foundation.com](http://www.sfi-foundation.com), which is incorporated by reference, and further requires that convertibles have a roll bar or main hoop that extends beyond the driver's head or helmet. The proposed amendment further clarifies that a removable hardtop is not rollover protection.

Subchapter 4 contains safety requirements for vehicles and personnel participating in oval racing. The proposed amendment to *N.J.A.C. 13:62-4.12* requires that roll bar padding in the interior of a race car be made of fire retardant materials and that there is a minimum distance of three inches between the top of the driver's helmet and the bottom of

the roll bar measured at the closest point between the two when the driver is seated and belted in place. The proposed amendments to *N.J.A.C. 13:62-4.17* would allow participants to make use of 1/8 inch thick fuel tank straps in compliance with current racing industry standards. The currently required 1/4 inch straps are no longer manufactured by the racing industry. Research of the top three modified chassis builders, Troyer, Teo Pro, and Bicknell has revealed that no one has manufactured 1/4 inch fuel tank straps since the 1980's. This proposed amendment would not change the number of fuel tanks straps required, nor would it compromise safety but would make the rule consistent with current industry standards. The proposed amendment to *N.J.A.C. 13:62-4.22* adds wheel covers to the heading. Proposed new *N.J.A.C. 13:62-4.22(d)* prohibits the use of wheel covers fastened by Dzus buttons or similar twist/lock fasteners. This change would prevent the accidental separation of the wheel cover from the wheel, preventing injury to crew and spectators. The proposed amendment to *N.J.A.C. 13:62-4.25(b)* requires all fire resistant underwear to be long sleeve, closing the loophole that currently exists where drivers are choosing to wear short sleeve fire resistant underwear. The proposed amendment to *N.J.A.C. 13:62-4.26* requires drivers to wear properly secured full face helmets with face shields and recommends head socks, as well as prohibits the use of open face helmets, thus increasing a driver's protection from impact and fire. The proposed repeal of *N.J.A.C. 13:62-4.27* regarding goggles and face shields would delete redundant wording prohibiting the use of open face helmets and goggles based on the proposed amendment to *N.J.A.C. 13:62-4.26*. The proposed amendment to *N.J.A.C. 13:62-4.30* delineates specific dimensions for required steel straps around drive shafts. Enclosing drive shafts by two steel straps would be required on drive shafts measuring 36 inches and over. Only one steel strap would be required for drive shafts measuring under 36 inches.

Subchapter 5 contains safety requirements for vehicles and personnel participating in drag racing. The proposed amendment to *N.J.A.C. 13:62-5.6* adds a provision that the end of the acceleration area may be marked by a timing device. The proposed amendment to *N.J.A.C. 13:62-5.23* would require drivers of vehicles not equipped with a windshield to wear a full face helmet with a face shield rather than goggles.

Subchapter 6 contains safety requirements for vehicles and personnel participating in motorcycle and quad vehicle oval racing events. The proposed amendment to *N.J.A.C. 13:62-6.10* makes technical changes to refer to "riders" rather than "drivers."

Subchapter 6A contains safety requirements for vehicles and personnel participating in motocross and quad vehicle serpentine racing events. The [page=383] proposed amendment to *N.J.A.C. 13:62-6A.8* makes the same technical changes in wording as in *N.J.A.C. 13:62-6.10*.

Subchapter 6B contains safety requirements for vehicles and personnel participating in motocross enduro racing events. The proposed amendment to the heading of the subchapter would change the word "motocross" to "motorcycle." In the motorcycle racing industry, the words have differing meanings. Motocross is a type of off road racing on a closed track whereas a motorcycle is a motor vehicle that is used for enduro racing events. The change in terminology does not affect the application of the rules. The proposed amendment to *N.J.A.C. 13:62-6B.4(c)* would lower the age of working personnel (officials and flagmen) from 18 to 16 years of age in motorcycle enduro events. This age reduction was intended for the previous rules amendment when the participant age was lowered to 17 years old, but was inadvertently omitted. The proposed amendment to *N.J.A.C. 13:62-6B.8* makes the same technical wording changes as in *N.J.A.C. 13:62-6.10* discussed above.

Proposed new Subchapter 8A would add rules governing the operation of lawn mower racing events. The racing of lawn mowers is increasing in popularity as a low cost alternative to other forms of motorsport. Sanctioning bodies, such as the United States Lawn Mower Racing Association (USLMRA), issue regulations designed to ensure the orderly and safe conduct for lawn mower racing in the United States. Proposed new rule *N.J.A.C. 13:62-8A.1* requires lawn mower racing to take place only at licensed facilities. Proposed new rule *N.J.A.C. 13:62-8A.2* states the minimum requirements for safe design and construction for lawn mower racing tracks. Proposed new rule *N.J.A.C. 13:62-8A.3* states the minimum fencing requirements for lawn mower racing tracks. Proposed new rule *N.J.A.C. 13:62-8A.4* requires flagmen to be present and properly positioned during lawn mower racing events. Proposed new rule *N.J.A.C. 13:62-8A.5* designates 16 years old as the minimum age of participants in lawn mower racing events. Proposed new rule *N.J.A.C.*

13:62-8A.6 designates the minimum required personal safety equipment and clothing for participants in lawn mower racing events. The proposed new rule incorporates by reference Snell Memorial Foundation Testing Standards K, M or SA for helmets and U.S.A. Standard Specifications for Head, Eye and Respiratory Protection Z2.1-1959, which is incorporated by reference, as amended and supplemented. Proposed new rule N.J.A.C. 13:62-8A.7 requires an automatic (non-manual) engine shutoff device that will stop the engine in the event a rider becomes separated from the vehicle. Proposed new rule N.J.A.C. 13:62-8A.8 provides minimum fire suppression requirements and requires fuel to be dispensed only from approved containers. Proposed new rule N.J.A.C. 13:62-8A.9 requires that an ambulance and two certified EMTs be available for immediate use and that the EMTs clear anyone who appears injured to resume participation in lawn mower racing events.

Subchapter 9 contains safety requirements for vehicles and personnel participating in demolition derby and tractor pull events. The proposed amendment to *N.J.A.C. 13:62-9.1(b)* adds "4WD, pickup trucks, sport utility vehicles and full-frame" station wagons to the list of vehicles prohibited from participating in demolition derby events. High center of gravity vehicles and those constructed with truck chassis will be prohibited because of the injury hazard they present when competing with smaller vehicles. The proposed amendment allows for newer model, unibody station wagons that do not make use of a truck chassis to participate in demolition derby events. The proposed amendment to *N.J.A.C. 13:62-9.1(e)* allows for the placement of fuel tanks in the driver compartment to be positioned either behind the passenger seat or behind the driver seat. The current rule requires the tank to be installed on the passenger side of the vehicle. Many people familiar with the industry indicate that behind the driver is the safest location in a demolition derby vehicle. This proposed rule change allows the drivers to decide which position behind the front seat they prefer. The proposed amendment to *N.J.A.C. 13:62-9.2* adds the wording "and tractor pull" to the heading. The proposed amendment to *N.J.A.C. 13:62-9.2(c)* requires demolition derby drivers to wear properly secured full face helmets with face shields, and recommends wearing a Nomex or similar fire-resistant head sock, thus increasing a driver's protection from fire in addition to prohibiting the use of open face helmets and goggles while allowing drivers of tractors in tractor pull events to wear open face helmets. The proposed repeal of *N.J.A.C. 13:62-9.3* regarding goggles and face shields would delete redundant wording prohibiting the use of open face helmets and goggles based on the proposed amendment to *N.J.A.C. 13:62-9.2(c)*. The proposed amendment to *N.J.A.C. 13:62-9.4* specifies minimum clothing requirements for both demolition derby and tractor pull participants. The proposed amendment to *N.J.A.C. 13:62-9.7* permits participants who possess a valid driver's license or farmer's license but who are not yet 17 years old to participate in tractor pull events. The proposed amendment to *N.J.A.C. 13:62-9.8* requires all tractors in tractor pull events to have rear wheel brakes in working condition and requires that all tractor controls be operable from the driver's seat.

Subchapter 10 contains safety requirements for vehicles and personnel participating in automobile enduro events. The proposed amendments to *N.J.A.C. 13:62-10.7(b)* require drivers to wear properly secured full face helmets with face shields, and recommend wearing a Nomex, or similar fire-resistant head sock, thus increasing a driver's protection from fire in addition to prohibiting the use of open face helmets and goggles. The proposed deletion of *N.J.A.C. 13:62-10.7(c)* regarding goggles and face shields would delete redundant wording prohibiting the use of open face helmets and goggles based on the proposed amendment to *N.J.A.C. 13:62-10.7(b)*. The proposed amendment to *N.J.A.C. 13:62-10.7(i)* creates separate categories for automobile enduro events and considers vehicles with a wheelbase measuring from 95 inches up to and including 103 inches to be compact vehicles. Vehicles with a wheelbase measuring more than 103 inches are considered as full size vehicles. Vehicles with a wheel base measuring under 95 inches would be prohibited in enduro events. The proposed amendment to *N.J.A.C. 13:62-10.7(j)* prohibits full-size pickup trucks from competing in enduro events, but permits compact and smaller size pickup trucks to compete only in the full size vehicle class or in a separate pickup truck class. The amendment is designed to ensure parity among competing vehicles. Proposed new *N.J.A.C. 13:62-10.10(g)* prohibits participants from adding on parts to the front end of an enduro vehicle that would strengthen or stiffen the vehicle in a manner not consistent with the original equipment manufacturer's (OEM) specifications. The proposed amendments to *N.J.A.C. 13:62-10.12(a)* and (b) allow automobile enduro participants to make use of 1/8 inch thick fuel tank straps in compliance with current racing industry standards as previously as explained above concerning the proposed amendment to *N.J.A.C. 13:62-4.17(e)*. The proposed

amendment to *N.J.A.C. 13:62-10.12(c)* requires automobile enduro vehicles utilizing the original equipment manufacturer's (OEM) fuel tanks located behind the rear axle to relocate the tank to the trunk. Conventional tanks and those tanks with internal fuel pumps would be bolted and secured inside the trunk, so as to afford maximum protection to the tank from impact and fire. The proposed amendment to *N.J.A.C. 13:62-10.12(e)* prohibits fuel tanks from being mounted forward of the front firewall due to the increased fire risk. The proposed amendment to *N.J.A.C. 13:62-10.19(b)* requires that there be a minimum distance of three inches between the top of the driver's helmet (rather than head) and the bottom of the roll bar measured at the closest point between the two when the driver is seated and belted in place. The proposed amendment to *N.J.A.C. 13:62-10.21(c)* requires automobile enduro licensees to meet or exceed the minimum fire suppression requirements as set forth in proposed *N.J.A.C. 13:62-2.19* explained above.

Subchapter 11 contains safety requirements for vehicles and personnel participating in mud hop events. The proposed amendment to *N.J.A.C. 13:62-11.10(a)* requires drivers to wear properly secured full face helmets with face shields, thus increasing a driver's protection from impact and fire. The use of a Nomex or similar fire-resistant head sock is also recommended in addition to prohibiting the use of open face helmets and goggles. The proposed deletion of *N.J.A.C. 13:62-11.10(b)* regarding goggles and face shields would delete redundant wording prohibiting the use of open face helmets and goggles based on the proposed amendment to *N.J.A.C. 13:62-11.10(a)*. The proposed amendment to *N.J.A.C. 13:62-11.14(b)* requires a minimum distance of three inches between the top of the driver's helmet (rather than head) and the bottom of the roll bar measured at the closest point between the two when the driver is seated and belted in place. The proposed amendment to *N.J.A.C. 13:62-11.21(b)* requires mud hop licensees to meet or exceed the minimum fire [page=384] suppression requirements as set forth in proposed *N.J.A.C. 13:62-2.19* discussed above.

Subchapter 12A contains safety requirements for vehicles and personnel participating in quarter midget events. The proposed amendment to *N.J.A.C. 13:62-12A.2(b)* allows steel Armco barriers to be used in hubrail construction. The proposed amendment to *N.J.A.C. 13:62-12A.3(a)4* prohibits persons from entering a quarter midget track under a green flag condition. The proposed amendment to *N.J.A.C. 13:62-12A.3(a)5* requires drivers to wear properly secured full face helmets with face shields, thus increasing a driver's protection from impact and fire. The proposed amendment to *N.J.A.C. 13:62-12A.3(a)6* prohibits the use of open face helmets consistent with the Quarter Midgets of America (QMA) rulebook.

The Division is providing a 60 day comment period for this notice of proposal. Therefore this notice is exempt from the rulemaking calendar requirement of *N.J.A.C. 1:30-3.3(a)5*.

### **Social Impact**

The proposed amendments, repeals and new rules are designed to maximize the safety of participants, track staff, crews and spectators at motor vehicle racing events while enhancing participation in and popularity of the sport. Specifically, the amendments to the fire fighting equipment and minimum fire suppression requirements reflect the need to raise the minimum fire fighting requirements for licensees. The current, outdated fire suppression rules do not reflect the advances in racing fire suppression technology and equipment that have taken place in recent years. Currently, these rules do not require track personnel who are assigned to work on fire crews to wear personal protective clothing, placing themselves, and the drivers they are rescuing at risk.

In addition to enhancing the fire fighting equipment standards, these amendments also place emphasis on safety by proposing to require drivers to use full face helmets with face shields and prohibiting the use of open face helmets. Currently, the use of open face helmets is permitted. Open face helmets offer no facial impact or fire protection to drivers. Considering that all drivers are required to have fire resistant clothing covering their entire body the rules need to require maximum safety by also requiring fire resistance and impact protection for the driver's face.

Placing additional emphasis on fire safety, the proposed amendments will require all roll bar padding inside the interior of a race car to be made of fire resistant material and require specific enduro car fuel tank placement and shielding to ensure participant and public safety by limiting the potential for fire or explosion in the event of a mishap.

Race track owners in New Jersey and in neighboring states refer to New Jersey's Motor Vehicle Race Track Rules for guidance in developing their own race track safety standards and there is a need to update the fire fighting equipment standards. Placing emphasis on fire safety at New Jersey's race tracks through adoption of these amendments will make New Jersey's fire suppression requirements the most comprehensive in the nation.

In addition to improving fire safety at New Jersey racing venues, rules are proposed for the growing sport of lawn mower racing. Viewed as a low cost alternative to other forms of racing, lawn mower racing is growing in popularity. Currently unregulated, the chance of injury or death to participants and spectators is as real in this form of motorsport as in all others. The proposed new rules will provide regulation and minimum safety standards increasing the overall safety of lawn mower racing for participants, and spectators.

The proposed amendments will have a positive social impact by decreasing a driver's chance of injury or death from fire, which is being well received in New Jersey's racing community.

### **Economic Impact**

The proposed amendments, repeals and new rules will have some economic impact on licensees and participants. Increased operating costs may be passed on to the public in the form of higher admission prices. Costs incurred by the licensees may be passed on to the participants in the form of higher entry fees. Licensees may incur costs for upgrading fire equipment, some of which may be attributable to compliance with these rules. The amount of the costs is not calculable as it depends on the type of track, the racing involved and the size of the facility. In general, licensed facilities and participants already in compliance with existing requirements and organizations sponsoring racing events will not incur any additional costs with these rules. Participants may incur some minimal costs associated with the upgrade to full face helmets and fire resistant roll bar padding. Licensees conducting lawn mower racing events may incur costs to comply with the proposed new rules.

### **Federal Standards Statement**

A Federal standards analysis is not required as none of the proposed new rules, repeals or amendments are the subject of any Federal standards.

### **Jobs Impact**

The amendments that enhance the fire suppression equipment and personal protective clothing required of the licensee may cause need for additional training and staffing of race track employees. This, of course, will depend on the current fire suppression capabilities of each licensee. It should be noted that nothing within the amendments prohibits licensees from utilizing volunteers to fill the required positions. The other proposed amendments and new rules will have no impact on the creation or loss of jobs in New Jersey.

### **Agriculture Industry Impact**

An agriculture industry impact is not required as none of the proposed amendments, repeals or new rules impact on the agriculture industry.

### **Regulatory Flexibility Analysis**

The Division estimates that most track operators subject to these rules may qualify as small businesses, as defined in the Regulatory Flexibility Act, *N.J.S.A. 52:14B-16* et seq. as they employ less than 100 full-time employees. The proposed amendments and new rules do not impose any reporting or recordkeeping requirements. The proposed amendments and new rules do impose compliance requirements on licensees and participants. The licensee business may incur costs in complying with fire suppression and other safety equipment requirements to the extent that licensees

choose to provide their own fire brigades. Participants in regulated events will be required to wear protective equipment, including a full face helmets with face shields that meet the Snell Memorial Foundation standards, which have a limited life cycle. These costs will vary according to the type of vehicle and event. Professional services are not needed for compliance. The proposed amendments and new rules impose compliance requirements for the safety of participants and the general public who attend motor vehicle race track events. Therefore lesser standards for small businesses are not appropriate.

### **Smart Growth Impact**

The proposed amendments, repeals and new rules will not have any impact upon the achievement of smart growth or upon the implementation of the State Development and Redevelopment Plan.

### **Housing Affordability Impact**

The proposed amendments, repeals and new rules will not have any impact on affordable housing in New Jersey and there is an extreme unlikelihood that the rules would evoke a change in the average costs associated with housing because the rules concern enhancements and refinements to motor vehicle racing safety requirements.

### **Smart Growth Development Impact**

The proposed amendments, repeals and new rules will have an insignificant impact on smart growth and there is an extreme unlikelihood that the rules would evoke a change in housing production in Planning Areas 1 or 2 or within designated centers under the State Development and Redevelopment Plan in New Jersey because the rules concern enhancements and refinements to motor vehicle racing safety requirements.

**Full text** of the rules proposed for repeal may be found in the New Jersey Administrative Code at *N.J.A.C. 13:62-2.14, 2.19, 4.27 and 9.3*.

**Full text** of the proposed amendments and new rules follows (additions indicated in boldface **thus**; deletions indicated in brackets [thus]):

[page=385] SUBCHAPTER 1. DEFINITIONS

13:62-1.1 Definitions

The following words and terms, when used in this chapter, shall have the following meanings, unless the context clearly indicates otherwise.

...

**"Certified EMT or Certified Emergency Medical Technician" means a person certified as an emergency medical technician to provide emergency medical services pursuant to the New Jersey Highway Traffic Safety Act of 1987, N.J.S.A. 27:5F-18 et seq., and the New Jersey Medical Assistance Health Services Act, N.J.S.A. 30:4D-6.2 et seq.**

...

["Trained first aid attendant" means a person certified as an emergency medical technician to provide emergency medical services pursuant to the New Jersey Highway Traffic Safety Act of 1987, *N.J.S.A. 27:5F-18 et seq.* and the New Jersey Medical Assistance Health Services Act, *N.J.S.A. 30:4D-6.2 et seq.*]

SUBCHAPTER 2. MOTOR VEHICLE RACE TRACK LICENSE REQUIREMENTS AND LICENSEE RESPONSIBILITIES: ALL RACING EVENTS

13:62-2.1 License application procedure

(a) A license shall be required for any operation or conduct of motor vehicle races and exhibitions of motor vehicle driving and the tracks or places at which the same are operated and conducted. The application for a motor vehicle race track license must be submitted at least 90 days prior to the first day of racing or exhibition. An application for renewal of a license shall be submitted within 60 days of the expiration date of the license. [and is to] **An initial and a renewal application shall** be accompanied by:

1.-3. (No change.)

4. A certification from the building inspector of the municipality where the track is located to the effect that he has inspected the spectator seats and found them safe for use. Where the municipality does not have a building inspector, or a building code, a certification from a New Jersey State licensed structural engineer may be accepted; [and]

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[.]; **and**

**6. A current New Jersey State Uniform Fire Safety Code Certificate of Inspection.**

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] **this chapter**, the licensee shall apply to the Superintendent, **or designee**, for approval for the conduct of said event. Approval shall not be granted unless the Superintendent, **or designee**, is satisfied that:

1. The request for an approval was made in writing to the Superintendent, **or designee**, at least [20] **60** days prior to the racing event;

2.-3. (No change.)

13:62-2.5 Demonstration events

(a) Licensees may apply in writing to the Superintendent, **or designee**, 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) (No change.)

(c) The Superintendent, **or designee**, 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) (No change.)

13:62-2.8 Pit credentials

(a)-(b) (No change.)

(c) Reporters and photographers of the working press in possession of valid pit credentials shall be limited to safe areas. **Such safe areas shall provide 360 degree, positive barrier protection from vehicles and shall be constructed, so as to prevent photographers from leaning out over the racing surface.**

(d)-(h) (No change.)

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

(j) (No change.)

(k) Track staff, **working on the track or in the pit**, shall wear **long** pants, at all times, while working in a race or practice event.

(l)-(m) (No change.)

#### **13:62-2.14 (Reserved)**

13:62-2.18 Ambulances; [first aid attendant] **certified EMTs**

(a) The licensee shall not permit any race, practice[,] or exhibition of driving skill unless there is available for immediate use at the licensed location at least one vehicle suitable for ambulance purposes, together with two [trained first aid attendants] **certified EMTs**.

(b) The licensee shall ensure that a driver of any racing event involved in an accident, which results in considerable damage to the vehicle or any noticeable injury to the driver is checked by the [first aid attendant(s)] **certified EMTs** on duty and cleared to participate before [he/she] **he or she** returns to the racing event.

1.-2. (No change.)

#### **13:62-2.19 Fire fighting equipment**

(a) **The licensee may make use of the equipment, personnel and services of a recognized paid or voluntary fire company at licensed facilities or the licensee may decide to provide their own incipient fire brigade.**

(b) **All personal providing fire fighting services at licensed facilities shall adhere to the following minimum fire suppression requirements:**

**1. All drag racing, oval racing and/or road course licensees shall not permit any race, practice or exhibition of driving skill to be conducted unless there is a motorized fire-fighting vehicle available to be moved to the scene of a major fire that is equipped with fire-extinguishing agent(s) appropriate for the hazard expected to be encountered, which shall at a minimum, include the following:**

**i. Listed and labeled portable fire extinguishers readily available in the vehicle, containing at a minimum 125 lbs of dry chemical extinguishing agent. The minimum capacity of each extinguisher shall be 20 lbs.; and**

**ii. A minimum 75 gallon water tank with a pump or a pressurized water tank and hose with a minimum length of 50 feet, with appropriate fire-fighting nozzle, with consideration given to the following:**

**(1) A fire suppression aqueous film-forming foam-(AFFF) rated foam concentrate agent additive capable of suppressing a class B fire, as well as be compatible with polar solvents;**

**(2) Such foaming or wetting agent additives shall be used in compliance with the manufacturer's recommendations. Agents may be drawn by way of pick-up tube from concentrate container or pre-mixed with water inside of the tank. To prevent syphon loss during application, all containers of concentrate agent or additive shall be filled to a level that will ensure the agent will not run out prior to the complete discharge of the water tank;**

**(3) One or more portable carbon dioxide (CO<sub>2</sub>) fire extinguishers for use on potentially smaller engine type fires;**

**(4) All discharged and emptied water tanks shall be refilled and recharged prior to the resumption of racing activities. All discharged and emptied fire extinguishers shall be replaced prior to the resumption of racing activities;**

[page=386] **(5) All such fire suppression equipment listed in (b)1ii(1) through (4) above shall be checked and tested monthly during the racing season; and**

**(6) The licensee shall provide training to incipient fire brigade employees on the deployment, use and maintenance of the fire suppression equipment in (b)1ii(1) through (4) above. Training supplied shall include fire suppression training on the type of fire hazard to be expected in relation to the specific racing fuels used at each facility; and**

**2. For all other licensees, and for licensed drag, oval and road course facilities with multiple racing venues, each venue within the facility shall make available a minimum of two or more portable fire extinguishers listed and labeled with a rating of at least 80-B:C. Fire extinguishers shall be placed at intervals around the competition area to facilitate rapid deployment and application.**

**i. Fire extinguishers should also be available in areas designated for working on competitive vehicles. These areas include, but are not limited to, garages, paddock areas, staging areas and pit areas.**

**ii. All discharged and emptied extinguishers shall be replaced prior to the resumption of racing activities.**

**(c) All licensees that are licensed for drag racing, oval racing and/or road course racing who maintain their own incipient fire brigade shall provide for track fire fighters, pit area fire fighters and certain rescue personnel who actively engage in or are exposed to the hazards of fire fighting, protective garments.**

**1. The licensee shall not permit any race, practice or exhibition of driving skill to be conducted unless the following personal protective equipment is made ready and available. Employees assigned to work as incipient fire brigade members shall be provided by the licensee, at a minimum the following personal protective clothing:**

**i. Body protection including a fire resistant coat and trousers; protective footwear, including safety boots providing against penetration; and hand protection to include protective gloves providing against cut, puncture and heat penetration meeting or exceeding the minimum personal protective clothing requirements set forth by the Occupational Safety and Health Administration at 29 CFR 1910.156(e) (July 1, 2008) for Personal Protective**

**Clothing, incorporated herein by reference, as amended and supplemented and available at the U.S. Department of Labor website located at <http://www.osha.gov> or, meeting or exceeding the latest SFI specification 3.2A/5 testing standard for fire resistance set forth by the SFI Foundation 15708 Pomerado Road, Suite N208 Poway, CA 92064 incorporated by reference as amended and supplemented and available at the SFI website at [www.sfifoundation.com](http://www.sfifoundation.com); and**

**ii. Head, eye, face protection, including a Snell rated or DOT-approved full-face helmet with face shield, which meets or exceeds the latest Snell Memorial Foundation Testing Standard SA, incorporated herein by reference, as may be amended and supplemented, which has not reached the expiration date established by the Snell Memorial Foundation at the time of the event. The standards are available from the Snell Memorial Foundation, 3628 Madison Avenue, Suite 11, North Highlands, CA 95660, or an open face helmet used in combination with a Nomex or similar fire retardant material head sock and goggles to provide impact and thermal protection.**

### SUBCHAPTER 3. SAFETY REQUIREMENTS FOR VEHICLES AND PERSONNEL: ROAD RACING AND HIGH PERFORMANCE DRIVING SCHOOLS

#### 13:62-3.6 Helmets and eye protection

(a) All drivers shall wear a properly secured, **full face helmet, with face shield**, which meets [the most recent] **or exceeds** Snell Memorial Foundation Testing Standards M or SA, incorporated by reference herein, as may be amended and supplemented, which has not reached the expiration date established by the Snell Memorial Foundation at the time of the event. The standards are available from the Snell Memorial Foundation, 3628 Madison Avenue, Suite 11, North Highlands, CA 95660. **A Nomex, or similar fire-resistant head sock is recommended to be worn in conjunction with the use of the full face helmet with shield. The use of open face helmets and goggles shall be prohibited.**

(b)-(e) (No change.)

[(f) Crew members fueling vehicles in pit lane during racing shall wear an SA Fire-rated helmet meeting Snell Memorial Foundation Testing Standards (discussed at (a), (b) and (c) above), National Highway Safety Transportation Association Federal Motor Vehicle Safety Standard 218 (Code of Federal Register, Title 49, Volume 5, Part 571, Section 218, October 2003), or ANSI Z-90.1 standards, incorporated by reference as amended and supplemented, or a fire-resistant balaclava as an alternative. ANSI standards are available from the American National Standards Institute, 25 West 43rd Street, New York, NY 10036. National Highway Transportation Safety Administration standards are available at <http://www.nhtsa.dot.gov/cars/rules/import/FMVSS/index.html>.]

#### **(f) (Reserved)**

#### 13:62-3.7 Safety belts, shoulder harness and crotch belt

(a)-(b) (No change.)

(c) [Practice days and road races for any] **All** vehicles (except motorcycles) **participating in racing, racing event practice, qualifying or testing shall** require a minimum of a five-point safety belt for each occupant meeting one of the following standards:

1. SFI 16.1 or SFI 16.5, incorporated herein by reference and available at <http://www.sfifoundation.com>, seat belts shall be valid [for two years from the month and year] **until December 31st of the second year after the date of manufacture** punched or indicated on the SFI tag. There shall be one original tag attached to one of the two shoulder belts, one original tag attached to one of the lap belts[,], and a third original tag attached to the crotch belt.

2. (No change.)

(d)-(f) (No change.)

#### 13:62-3.10 Speed limits

(a)-(b) (No change.)

(c) The pit lane speed limit [shall be 50 miles per hour for races and practice sessions only.] **during races, practices and qualifying sessions shall not exceed the revolutions per minute (rev) limit speed set by the sanctioning authority or event organizer. In all classes of racing, the rev limit speed shall not exceed 55 miles per hour.**

#### 13:62-3.11 Clothing requirements; other than drivers

(a) Tank tops, shorts[,] and any other kind of sandals or open-toed shoes are prohibited from the pit lane or any part of the race track during any part of an event where vehicles are active in the pit lane or on the race track. **Authorized and credentialed persons are permitted to wear the above listed items behind the pit lane wall during such times that vehicles are not actively racing, practicing, qualifying or testing.**

(b) During [races] **events**, crew members working **over the wall** in the hot pit **when vehicles are being refueled** shall wear suits of at least one layer of fire retardant material (two **layers** are recommended) to cover the entire torso, arms[,] and legs.

(c) (No change.)

**(d) Crew members fueling vehicles in pit lane during racing shall wear an SA Fire-rated helmet meeting Snell Memorial Foundation Testing Standards specified in N.J.A.C. 13:62-3.6(a), (b) and (c), National Highway Safety Transportation Association Federal Motor Vehicle Safety Standard 218 (Code of Federal Register, Title 49, Volume 5, Part 571, Section 218, October 2003) or ANSI Z-90.1 standards, incorporated herein by reference as amended and supplemented, or a fire-resistant balaclava as an alternative. ANSI standards are available from the American National Standards Institute, 25 West 43rd Street, New York, NY 10036. National Highway Transportation Safety Administration standards are available at <http://www.nhtsa.dot.gov/cars/rules/import/FMVSS/index.html>.**

#### 13:62-3.12 Number of persons in vehicle

(a) No vehicle shall carry more than one person at any time during a race, [or] practice **or qualifying** session.

(b) [Certified instructors] **Instructors** are permitted to ride as a passenger in any vehicle driven by a participant during any event, except a race.

[page=387] (c) [Certified instructors] **Instructors** are permitted to drive vehicles with multiple passengers providing that each passenger has his or her own seat and seat belt.

(d) (No change.)

#### 13:62-3.13 Rollover bars

(a) Rollover protection is required for all open cockpit or convertible vehicles. **Roll bar padding meeting SFI Spec 45.1 is mandatory anywhere a driver's helmet or body may come in contact with roll bar components. SFI 45.1,**

**incorporated herein by reference, as amended and supplemented and available at <http://www.sfifoundation.com>. SFI roll bar padding standards are available from the SFI Foundation, Inc. 15708 Pomerado Road, Suite N208, Poway, CA 92064.**

(b) (No change.)

(c) Convertibles and open vehicles (except motorcycles) in races and race practices shall have a roll bar [that is a minimum of one inch above the head] **or main hoop extending beyond the head or helmet** of any vehicle driver or instructor. **Removable hardtops shall not constitute rollover protection.**

#### SUBCHAPTER 4. SAFETY REQUIREMENTS FOR VEHICLES AND PERSONNEL: OVAL RACING

##### 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. **Roll bar/cage padding meeting SFI specification 45.1 is mandatory anywhere a driver's helmet or body may come in contact with roll bar/cage components. SFI 45.1, incorporated herein by reference, as amended and supplemented and available at <http://www.sfifoundation.com>. SFI roll bar/cage padding standards are available from the SFI Foundation, Inc. 15708 Pomerado Road, Suite N208, Poway, CA 92064.**

(b) Rollover bars shall [be] **measure** a minimum **distance** of three inches [above the driver's head] **between the top of the driver's helmet and the bottom of the roll bar measured at the closest point between the two when the driver is seated and belted in place.**

(c) (No change.)

##### 13:62-4.17 Fuel tanks

(a)-(c) (No change.)

(d) Except as set forth in (e) below, vehicles utilizing an "x" type frame work using a self-contained fuel cell with an inner bladder shall bolt the fuel cell to the frame under the cell. At least three one-inch metal straps [one-quarter] **1/8** inch thick, shall be bolted to the frame of the vehicle by at least two 3/8 inch three line bolts positioned around the cell on all sides, except for the bottom, so as to apply maximum pressure against the tank to the frame.

(e) Vehicles not utilizing an "x" type frame shall have four one inch metal straps, [1/4] **1/8** inch thick, bolted to the frame of the vehicle by at least two 3/8 inch three line bolts positioned around the cell on all sides, except for the bottom, to apply maximum pressure against the tank to the frame.

(f)-(g) (No change.)

##### 13:62-4.22 Tires and wheel covers

(a)-(c) (No change.)

**(d) Wheel covers fastened only by way of Dzus buttons and similar twist/lock fasteners are prohibited. Foam inserts and wheel covers that are bolted to the beadlock, or are part of the beadlock are permitted.**

##### 13:62-4.25 Drivers

(a) (No change.)

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

(c)-(d) (No change.)

#### 13:62-4.26 Helmets, head cushions and head and neck restraints

(a) All drivers shall wear a properly secured, **full face helmet with face shield**, which meets or exceeds the latest Snell Memorial Foundation Testing Standard SA, incorporated by reference herein, as may be amended and supplemented, which has not reached the expiration date established by the Snell Memorial Foundation at the time of the event. The standards are available from the Snell Memorial Foundation, 3628 Madison Avenue, Suite 11, North Highlands, CA 95660. **A Nomex, or similar fire-resistant head sock is recommended to be worn in conjunction with the use of the full face helmet with face shield. The use of open face helmets is prohibited.**

(b)-(e) (No change.)

#### 13:62-4.27 (Reserved)

#### 13:62-4.30 Enclosed drive shaft

The drive shaft of a vehicle **measuring 36 inches and over** shall be enclosed or secure, front and rear, by [a] **two** steel straps, inch thick by one inch wide, [a] **two** 1/2 inch steel rods, or one inch steel tubing with .06 wall thickness. **Drive shafts measuring under 36 inches shall require enclosure by only one steel strap.**

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

#### 13:62-5.6 Location

(a)-(c) (No change.)

(d) The end of the acceleration area may be marked by an overhead banner **or timing device**, 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.

#### 13:62-5.23 [Goggles or face] **Face shield**

The driver of all vehicles not equipped with windshields shall wear [windproof, shatterproof goggles or] **a properly secured, full face helmet with** 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.

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

#### 13:62-6.10 Helmets

All [drivers] **riders** shall wear a properly secured helmet, which meets or exceeds the latest Snell Memorial Foundation Testing Standard K, M or SA, incorporated herein by reference, as may be supplemented or amended, which has not reached the expiration date established by the Snell Memorial Foundation at the time of the event. The Standards are

available from the Snell Memorial Foundation, 3628 Madison Avenue, Suite 11, North Highlands, CA 95660.

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

##### 13:62-6A.8 Helmets

All [drivers] **riders** shall wear a properly secured helmet, which meets or exceeds the Snell Memorial Foundation Testing Standard K, M or SA, incorporated herein by reference, as may be supplemented or amended, which has not reached the expiration date[,] established by the Snell Memorial Foundation at the time of the event. The Standards are available from the Snell Memorial Foundation, 3628 Madison Avenue, Suite 11, North Highlands, CA 95660.

#### SUBCHAPTER 6B. [MOTOCROSS] **MOTORCYCLE** ENDURO RACING EVENTS

##### 13:62-6B.4 Flagmen

(a)-(b) (No change.)

(c) All working personnel and officials having access to the pit area or racing surface shall be at least [18] **16** years of age.

(d)-(e) (No change.)

##### [page=388] 13:62-6B.8 Helmets

All [drivers] **riders** shall wear a properly secured helmet, which meets or exceeds the Snell Memorial Foundation Testing Standard K, M or SA, incorporated herein by reference, as may be supplemented or amended, which has not reached the expiration date established by the Snell Memorial Foundation at the time of the event. The standards are available from the Snell Memorial Foundation, 3628 Madison Avenue, Suite 11, North Highlands, CA 95660.

#### SUBCHAPTER 8A. **LAWN MOWER RACING EVENTS**

##### **13:62-8A.1 Licensed facilities**

**Lawn mower events shall only take place in licensed facilities.**

##### **13:62-8A.2 Track construction**

**(a) Design and construction of lawn mower race courses must be approved by the Superintendent or designee prior to the racing event. Safety features, such as fences, crash protection, 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.**

**(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) Inner and outer hubrails shall be constructed of hay bails or similar material, spaced no more than two feet apart.**

**(d) The pit area shall be constructed away from the race track and shall be configured so that the pit entrance and pit exit are separate.**

**13:62-8A.3 Fences**

(a) All fences installed for the purpose of limiting spectator areas shall be constructed of welded wire, chain link or high density polyethylene or wood snow fencing, and shall be at least three feet in height and so constructed as not to be easily lifted, climbed over or moved aside.

(b) All spectator fencing shall be erected a distance of 25 feet beyond the outer hubrail.

**13:62-8A.4 Flagmen**

(a) Licensees shall make use of a minimum of two flagmen.

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

**13:62-8A.5 Driver ages**

(a) Lawn mower race drivers must be at least 16 years old to participate.

(b) Any lawn mower race driver competing under the age of 18 shall have a signed parental consent form on file at the event.

**13:62-8A.6 Safety requirements; personnel**

(a) All participants in a lawn mower race, practice or exhibition shall wear a properly secured helmet, which meets or exceeds the latest Snell Memorial Foundation Testing Standard K, M or SA, incorporated herein by reference, as may be amended or supplemented, which has not reached the expiration date established by the Snell Memorial Foundation at the time of the event. The standards are available from the Snell Memorial Foundation, 3628 Madison Avenue, Suite 11, North Highlands, CA 95660.

(b) All participants in a lawn mower 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, incorporated herein by reference, as may be amended or supplemented.

(c) All participants in a lawn mower race shall wear a properly secured head and neck restraint device/system and/or a neck collar, which are commercially-produced and designed for racing.

(d) All participants shall wear safety clothing to afford maximum protection to the driver. At a minimum, lawn mower race drivers shall wear long pants, long sleeve shirt and closed toe shoes. Shorts and nylon clothing are prohibited. It is recommended that drivers wear a one piece fire resistant driving suit and fire resistant gloves.

**13:62-8A.7 Safety requirements; vehicle shutoff device**

A "shutoff" device or engine "kill switch" shall be tethered to the driver. This device shall be of the type, which is designed, constructed and maintained to stop the motor immediately upon separation of the driver from the vehicle.

**13:62-8A.8 Fueling and fire suppression**

(a) Fuel shall only be stored and dispensed from approved containers in designated areas.

(b) Designated fueling areas shall be equipped with a minimum of two 25 pound A:B:C fire extinguishers.

#### 13:62-8A.9 Ambulances and certified EMTs

(a) The licensee shall not permit any race, practice or exhibition of driving skill unless there is available for immediate use at the licensed location at least one vehicle suitable for ambulance purposes, together with two certified EMTs.

(b) The licensee shall ensure that a driver of any racing event involved in an accident, which results in any noticeable injury to the driver is checked by the certified EMTs on duty and cleared to participate before he or she returns to the racing event.

#### SUBCHAPTER 9. DEMOLITION DERBY AND TRACTOR PULLS

##### 13:62-9.1 Demolition derby vehicles

(a) (No change.)

(b) In a demolition derby event, jeeps, carryalls, **4WD, pickup trucks, sport utility vehicles, full-frame** station wagons, ambulances[,] and other vehicles utilizing a truck chassis are not permitted. **Newer model station wagons utilizing unibody construction shall be permitted.** American made and foreign made, stock, hardtop vehicles may participate together in a compact car class with the following guidelines:

1.-6. (No change.)

(c)-(d) (No change.)

(e) Gas tanks may be moved to a different position within the [driving] **driver** compartment. Tanks relocated into the driver compartment must be placed in the vehicle where the back seat normally would be located, **either behind the driver, or** 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)-(l) (No change.)

##### 13:62-9.2 Demolition derby **and tractor pull** participants

(a)-(b) (No change.)

(c) All **demolition derby** drivers shall wear a properly secured, **full face** helmet **with face shield**, which meets or exceeds the Snell Memorial Foundation Testing Standard K, M or SA, incorporated herein by reference, as may be amended or supplemented, which has not reached the expiration date established by the Snell Memorial Foundation at the time of the event. The standards are available from the Snell Memorial Foundation, 3628 Madison Avenue, Suite 11, North Highlands, CA 95660. **The use of open face helmets and goggles is prohibited in demolition derby. A Nomex, or similar fire-resistant head sock is recommended to be worn in conjunction with the use of the full face helmet with shield. Full face helmets are recommended but not required for drivers of tractors in tractor pull events. Tractor pull event drivers are permitted to wear properly secured open face helmets.**

(d) (No change.)

**13:62-9.3 (Reserved)**

13:62-9.4 Clothing requirements **for demolition derby and tractor pull**

Drivers shall wear safety clothing to afford maximum protection to the driver according to industry standards. **At a minimum, drivers in both demolition derby and tractor pull shall wear long pants, long sleeve shirt and closed-toe shoes. Shorts and nylon clothing are prohibited.** [page=389] It is recommended that [this clothing be of a fire retardant material] **drivers wear a one piece fire resistant driving suit and fire resistant gloves.**

13:62-9.7 Tractor pull age requirement

(a) All competitors shall be at least 17 years of age **or possess a valid driver's license or valid farmer's license.**

(b) (No change.)

13:62-9.8 Tractor pull kill switch **and brake** requirement

All vehicles competing in a tractor pull event shall be equipped with a kill switch in operating order. **All tractors must have rear wheel brakes in working condition and all drivers must be able to operate all tractor controls from driver's seat.**

SUBCHAPTER 10. AUTOMOBILE ENDURO EVENTS (OTHER THAN AT LICENSED ROAD COURSE FACILITIES)

13:62-10.7 Driver and vehicle requirements

(a) (No change.)

(b) All drivers shall wear a properly secured, **full face helmet with face shield**, which meets or exceeds the **latest** Snell Memorial Foundation Testing Standard K, M or SA, incorporated herein by reference, as may be amended and supplemented, which has not reached the expiration date established by the Snell Memorial Foundation at the time of the event. The standards are available from the Snell Memorial Foundation, 3628 Madison Avenue, Suite 11, North Highlands, CA 95660. **A Nomex, or similar fire-resistant head sock is recommended to be worn in conjunction with the use of the full face helmet with shield. The use of open face helmets and goggles is prohibited.**

[(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.]

**(c) (Reserved)**

(d)-(h) (No change.)

[(i) Each vehicle shall have a minimum 104-inch wheelbase.]

**(i) Vehicles with a wheelbase measuring from 95 inches up to and including 103 inches shall be considered as compact vehicles. Vehicles with a wheelbase measuring over 103 inches shall be considered full size vehicles. Vehicles with a wheelbase measuring under 95 inches are prohibited in enduro events.**

(j) Convertibles, **full-size** pickup trucks, [station wagons, or] **4WD, jeeps, and** vans are prohibited in enduro events. **Compact and smaller size pickup trucks shall be permitted in enduro events, however, they shall only be allowed to compete in the full size vehicle class or in a separate pickup truck class.**

13:62-10.10 Vehicle interior and exterior requirements

(a)-(f) (No change.)

**(g) Strengthening or stiffening of the front end is prohibited. Non-original equipment manufacturer's (OEM) supports are prohibited forward of the front ball joints.**

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 [1/4] **1/8** inch thick shall be bolted to the frame of the vehicle by at least two 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, [1/4] **1/8** inch thick, bolted to the frame of the vehicle by at least two 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.]

**(c) Vehicles utilizing the original equipment manufacturer's (OEM) fuel tanks located behind the rear axle, shall relocate the tank to the trunk. Conventional tanks and those tanks with internal fuel pumps shall be bolted and secured inside the trunk, so as to afford maximum protection to the tank from impact and fire.**

(d) (No change.)

[(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.]

**(e) Fuel tanks mounted forward of the front firewall are prohibited.**

(f) (No change.)

13:62-10.19 Rollover cage

(a) (No change.)

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

(c)-(g) (No change.)

13:62-10.21 Additional track responsibilities

(a)-(b) (No change.)

(c) The licensee shall maintain adequate fire apparatus on location during the event, [including:] **meeting or exceeding the minimum fire suppression requirements set forth in *N.J.A.C. 13:62-2.19*.**

[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.]

#### SUBCHAPTER 11. MUD HOP

##### 13:62-11.10 Equipment requirements

(a) All drivers shall wear a properly secured, **full face helmet with face shield**, which meets or exceeds Snell Memorial Foundation Testing Standard SA, incorporated by reference herein, as may be amended or supplemented, which has not reached the expiration date established by the Snell Memorial Foundation at the time of the event. The standards are available from the Snell Memorial Foundation, 3628 Madison Avenue, Suite 11, North Highlands, CA 95660. **A Nomex, or similar fire-resistant head sock is recommended to be worn in conjunction with the use of the full face helmet with shield. The use of open face helmets and goggles is prohibited.**

[(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.]

**(b) (Reserved)**

(c)-(e) (No change.)

##### 13:62-11.14 Rollover cage

(a) (No change.)

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

(c)-(g) (No change.)

##### 13:62-11.21 Additional track responsibilities

(a) (No change.)

(b) The licensee shall maintain adequate fire apparatus on location during the event, [including:] **meeting or exceeding the minimum fire suppression requirements set forth in *N.J.A.C. 13:62-2.19*.**

[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.]

#### SUBCHAPTER 12A. QUARTER MIDGETS EVENTS

##### 13:62-12A.2 Track construction

(a) (No change.)

[page=390] (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. **Steel Armco barriers may also be used.**

(c) (No change)

##### 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.-3. (No change.)

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 **under a green flag condition**. 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] **under a green flag condition**.

5. All drivers shall wear a properly secured, **full face helmet with face shield**, which meets or exceeds the **latest** Snell Memorial Foundation Testing Standard SA, incorporated herein by reference, as may be amended or supplemented, which has not reached the expiration date established by the **Snell Memorial** Foundation at the time of the event. The standards are available from the Snell Memorial Foundation, 3628 Madison Avenue, Suite 11, North Highlands, CA 95660. All drivers shall also wear a properly secured head and neck restraint device/system and/or a neck collar, which are commercially produced and designed for racing.

[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.]

**6. The use of open face helmets is prohibited.**

7.-11. (No change.)