

CHAPTER 377—S.F.No.17

An act abolishing the commission on taxation and production of iron ore and other minerals; repealing Minnesota Statutes 1971, Section 3.923.

Be it enacted by the Legislature of the State of Minnesota:

Section 1. COMMISSION ON TAXATION AND PRODUCTION OF IRON ORE; ABOLITION. Minnesota Statutes 1971, Section 3.923, is repealed.

Sec. 2. This act is effective the day following its final enactment.

Approved May 19, 1973.

CHAPTER 378—S.F.No.60

[Coded in Part]

An act relating to motor vehicles; regulating the type and use of tires on vehicles using the highways; providing for a study of the effect of the use of wire embedded tires on highways; empowering the commissioner of highways to authorize the use of such tires under certain conditions; amending Minnesota Statutes 1971, Section 169.72, Subdivision 1, and by adding a subdivision; repealing Minnesota Statutes 1971, Section 169.72, Subdivision 2.

Be it enacted by the Legislature of the State of Minnesota:

Section 1. Minnesota Statutes 1971, Section 169.72, Subdivision 1, is amended to read:

169.72 MOTOR VEHICLES; SURFACE OF TIRES; TIRES WITH METAL STUDS. Subdivision 1. Every solid rubber tire on a vehicle shall have rubber on its entire traction surface at least one inch thick above the edge of the flange of the entire periphery.

No person shall operate or move on any highway any motor vehicle, trailer, or semitrailer, having any metal tire in contact with the roadway, except in case of emergency.

Except as provided in this section no tire on a vehicle moved on a highway shall have on its periphery any block, stud, flange,

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cleat, or spike or any other protuberances of any material other than rubber which projects beyond the tread of the traction surface of the tire. It shall be permissible to use any of the following on highways: Farm machinery with tires having protuberances which will not injure the highway, and tire chains of reasonable proportions upon any vehicle when required for safety because of snow, ice, or other conditions tending to cause a vehicle to skid; and in the years 1965 through 1971 between the dates of October 15 of one year and May 1 of the following year, pneumatic tires with metal type studs not exceeding $5/16$ of an inch in diameter inclusive of the stud casing with an average protrusion beyond the tread surface of not more than $7/64$ of an inch, and in which the number of studs in a tire shall not exceed two percent of the total net contact area.

The commissioner and local authorities in their respective jurisdictions may, in their discretion, issue special permits authorizing the operation upon a highway of traction engines or tractors having movable tracks with transverse corrugations upon the periphery of such movable tracks or farm tractors or other farm machinery, the operation of which upon a highway would otherwise be prohibited under this chapter.

Sec. 2. Minnesota Statutes 1971, Section 169.72, is amended by adding a subdivision to read:

Subd. 3. The commissioner of highways shall prescribe specifications and guidelines for an in-depth study or test of the damage, if any, that may be caused to the public roadways of this state from the use of pneumatic tires that have embedded in them wire or wire coils for improving traction on ice and snow. The cost of such study and test shall be paid for by others, and no part of the study shall be paid for out of state funds except as may be incidentally spent for preparing specifications and guidelines. The study or test, if it is to be effective for the purposes of this subdivision, shall be made in accordance with the specifications and guidelines of the commissioner of highways, and the tires so studied and tested shall be so constructed that the percent of wire or wire coils in contact with the roadway will not exceed, during the first 1,000 miles of use or operation, 20 percent of the total tire area in contact with the roadway, and after the first 1,000 miles of use or operation of such tires, the wire or wire coils in contact with the roadway will not exceed eight percent of the total tire area contact with the roadway. The commissioner of highways shall promptly evaluate the results of the study, and if he determines that the use of pneumatic tires embedded with wire or wire coils meeting the above test specifications as to percentage of wire or wire coils in contact with the roadway will not damage the streets and highways or that the use of such tires will only cause slight and tolerable damage to the streets and highways, he shall, by

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order, authorize the use of such tires on the streets and highways of this state, specifying in such order the months during which the tires may be used. The metal wire or coils used in such tires shall be of a limited hardness so that the wire or coils shall wear at the same rate as the rubber in such tires. When the tire is at rest, the wire or coils shall not protrude beyond the rubber surface of the tire, or shall protrude only to such an insignificant amount as not to cause damage to the highway roadways beyond the tolerable limits set by the commissioner. A certified copy of the order shall be filed with the secretary of state prior to the date that such tires are authorized by the order to be used on the highways and streets. The use of such tires in accordance with, and during the times specified in, the commissioner's order shall be lawful notwithstanding the provisions of subdivision 1.

Sec. 3. **REPEALER.** Minnesota Statutes 1971, Section 169.72, Subdivision 2, is repealed.

Approved May 19, 1973.

CHAPTER 379—S.F.No.225

[Coded in Part]

An act relating to water resources; providing for the regulation of shoreland use and development in municipalities; prescribing the powers and duties of municipalities and state agencies in relation thereto; amending Minnesota Statutes 1971, Sections 105.485, Subdivisions 2 and 3, and by adding subdivisions; and 462.357, Subdivision 1.

Be it enacted by the Legislature of the State of Minnesota:

Section 1. Minnesota Statutes 1971, Section 105.485, Subdivision 2, is amended to read:

Subd. 2. **WATER RESOURCES; SHORELANDS; REGULATION AND DEVELOPMENT IN MUNICIPALITIES; DEFINITIONS.** For the purposes of this section the terms defined in this section have the meanings given them: (a) "Shoreland" means land located within the following distances from the ordinary high water elevation of public waters: (1) Land within 1,000 feet from the normal high watermark of a lake, pond, or flowage; and (2) land within 300 feet of a river or stream or the landward side of flood plain delineated by ordinance on such a river or stream, whichever

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