

ILLINOIS POLLUTION CONTROL BOARD
January 22, 1981

In The Matter of:)
)
Chapter 8: Noise Regulations) R79-10
Proposed New Part 6 to Regulate)
Snowmobile Noise and Amendment)
of Rules 101, 103 and 208)

Proposal for Rulemaking. Submitted by the Environmental Protection Agency.

Proposed Rule. First Notice.

ORDER OF THE BOARD (by J. Anderson):

On June 25, 1979 the Environmental Protection Agency proposed that the Board amend Chapter 8: Noise Regulations (Chapter 8) to include certification standards for new snowmobiles and specific in-use sound emission standards for all machines manufactured after April 1, 1979. On September 4, 1979 the Agency filed an amendment to this proposal which changed the language but not the substance of the original submittal. Hearings were held on the merits of this proposal on October 2, 1979 in Rockford, and on October 10, 1979 in Springfield.

On May 13, 1980 the Illinois Institute of Natural Resources filed with the Board its assessment of the economic impact of the proposed regulatory change. Economic impact hearings were held on September 23, 1980 in Chicago, and on September 29, 1980 in Springfield. The Agency filed a final amendment to its proposal on December 18, 1980.

The Board proposes to adopt amendments to Chapter 8 as follows. Deletions are lined through and new language is underlined. Some editorial changes have been made in the language of the Agency's proposed rules to achieve greater clarity.

PART I - GENERAL PROVISIONS

Rule 101: Definitions

New Snowmobile: a snowmobile, the equitable or legal title to which has never passed to a person who purchases it for purposes other than resale.

SAE: Society of Automotive Engineers

Rule 103: MEASUREMENT PROCEDURES

(a)-(d) No change.

(e) Procedures Applicable Only to Part 6 of Chapter 8

- (1) Measurement procedures to determine whether emissions of sound comply with Rules 602(a) and 603(a)(1) of Part 6 shall be in substantial conformity with ANSI S1.4-1971 Type 1 Precision or Type 2 General Purpose and SAE Recommended Practice J192a, "Exterior Sound Level for Snowmobiles".
- (2) Measurement procedures to determine whether emissions of sound comply with Rules 602(b) and 603(a)(2) of Part 6 shall be in substantial conformity with ANSI 51.4-1971 Type 1 Precision or Type 2 General Purpose and SAE Recommended Practice J1161, "Operational Sound Level Measurement Procedure for Snow Vehicles".
- (3) The Agency may establish criteria for measuring at distances other than the 50 feet specified in Rules 602 and 603, provided that correction factors are applied so that the sound levels so determined are substantially equivalent to those measured at 50 feet. In adopting new or revised criteria, the Agency shall comply with the requirements of the Illinois Administrative Procedures Act, Ill. Rev. Stat. 1979, Ch. 127, §1001 et seq.

Rule 208:

(a)-(g) No change.

(h) Rules 202 through 207, inclusive, shall not apply to sound emitted from snowmobiles.

Part 5 (Reserved)

Part 6 - Sound Emission Standards and Limitations for Snowmobiles

Rule 601: EXHAUST SYSTEMS

(a) No person shall operate or cause or allow the operation of a snowmobile unless the exhaust system of such snowmobile is:

- (1) free from defects which interfere with sound reduction;

- (2) equipped with a muffler or other sound dissipative device;
 - (3) not equipped with a cutout, by-pass or similar device.
- (b) No person shall install any parts in or modify the cooling, intake, or exhaust system of a snowmobile in a manner which will amplify or increase the sound level emitted by that snowmobile above the level emitted by such snowmobile with the equipment originally installed on the snowmobile.
- (c) No person shall operate or cause or allow the operation of a snowmobile which has been modified in a manner which will amplify or increase the sound level emitted by that snowmobile above the level emitted by such snowmobile with the equipment originally installed on the snowmobile.

Rule 602: NOISE EMISSION STANDARDS FOR SNOWMOBILES

- (a) No person shall operate or cause or allow the operation of a snowmobile manufactured after April 1, 1979 which generates a sound level in excess of 78 decibels on the A-scale at 50 feet when measured in accordance with procedures established under Rule 103(e)(1), or
- (b) No person shall operate or cause or allow the operation of a snowmobile manufactured after April 1, 1979 which generates a sound level in excess of 73 decibels on the A-scale at 50 feet when measured in accordance with procedures established under Rule 103(e)(2).

Rule 603: CERTIFICATION REQUIREMENT FOR REGISTRATION OF NEW SNOWMOBILES

- (a) No new snowmobile shall be registered for use in Illinois unless the application for registration includes a certification by the selling dealer that the snowmobile complies with Rule 601 and the level of sound it emits does not exceed:
- (1) 78 decibels on the A-scale at 50 feet when measured in accordance with procedures established under Rule 103(e)(1), and
 - (2) 73 decibels on the A-scale at 50 feet when measured in accordance with procedures established under Rule 103(e)(2).

- (b) Certification by the selling dealer that the snowmobile has been certified by the Snowmobile Safety and Certification Committee on or after April 1, 1979 is prima-facie proof of compliance with Rules 603(a)(1) and 603(a)(2), provided that SSCC sound level requirements for certification remain identical to those contained in Rule 603(a).

Rule 604: EXEMPTIONS TO PART 6


- (a) Rules 601 and 602 shall not apply to any snowmobile while being used lawfully for racing competition or timed racing events.
- (b) Rules 601, 602, and 603 shall not apply to those snowmobiles described in Ill. Rev. Stat. 1979, Ch. 95½, §603-11 (C-D), as exempted from the numbering provision of the Snowmobile Registration and Safety Act.
- (c) Rule 603 shall not apply to those snowmobiles described in Ill. Rev. Stat. 1979, Ch. 95½, §603-11 (A-B) as exempted from the numbering provision of the Snowmobile Registration and Safety Act.

Rule 605: Compliance Dates for Part 6

Except as otherwise provided in Rule 604, every owner and operator of a snowmobile subject to this Part shall comply with the Rules of this Part on and after ninety days from the effective date of this Part.

IT IS SO ORDERED.

I, Christan L. Moffett, Clerk of the Illinois Pollution Control Board, hereby certify that the above Order was adopted on the 22nd day of January, 1981 by a vote of .


 Christan L. Moffett, Clerk
 Illinois Pollution Control Board