

**CHAPTER 43. PREVENTION OF RAILROAD-CAUSED
FOREST FIRES**

- Sec.
43.1. Technical specifications and requirements for spark arrestors.
43.2. Maintenance.
43.3. Installation schedule.

Authority

The provisions of this Chapter 43 issued under act of June 3, 1915 (P.L. 797, No. 353) (32 P. S. § 251); and section 1920-A of The Administrative Code of 1929 (71 P. S. § 510-20), unless otherwise noted.

Source

The provisions of this Chapter 43 adopted January 25, 1974, 4 Pa.B. 130; renumbered from 25 Pa. Code Chapter 81, June 7, 1996, effective June 8, 1996, 26 Pa.B. 2707, unless otherwise noted. Immediately preceding text appears at serial pages (123441) to (123442).

§ 43.1. Technical specifications and requirements for spark arrestors.

When locomotives are operating through forest lands in the Commonwealth between March 1 and November 15 of each year they shall be equipped with spark arrestors of the following efficiency standards:

(1) Spark arrestors shall be at least 80% efficient in the retention or destruction of carbon particles .023 inches in diameter and larger for 30-100% of the locomotive engine's exhaust flow rate. The total manifold exhaust leg back pressure may not exceed 3 1/2 inches of mercury.

(2) Each spark arrestor model shall have certification that it meets the requirements of the Association of American Railroads and documentation from the United States Forest Service that the spark arrestor model has been tested and approved for use. This certification and documentation will be provided to the Bureau of Forestry before the arrestor model is installed. Turbo-charged locomotives properly equipped and maintained are not included within this regulation.

Cross References

This section cited in 17 Pa. Code § 43.3 (relating to installation schedule).

§ 43.2. Maintenance.

Spark arrestors shall be properly maintained.

§ 43.3. Installation schedule.

(a) A railroad is in compliance with the provisions of § 43.1 (relating to technical specifications and requirements for spark arrestors) if, by September 1, 1974, it has at least 1/3 of its affected locomotives equipped with United States Forest Service tested and approved spark arrestors as hereinabove provided, and

if by September 1, 1975, an additional 1/3 of its affected locomotives shall be so equipped, and if by September 1, 1976, the remainder of its affected locomotives shall be so equipped. As used in this chapter, "affected locomotives" refers to the balance of locomotives not already in compliance with the provisions of § 43.1 on the date of the within Commission order.

(b) Each railroad shall notify the Pennsylvania Public Utility Commission and the Department, Bureau of Forestry, of the date that each of its locomotives come into compliance with the foregoing regulation. The notification shall state the serial number or other identification of the locomotive.

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