

nical evaluation of the marking systems provided for in subsection (b) to determine their effectiveness in police combat situations. The Director shall begin the study within 3 months after November 5, 1988, and such study shall be completed within 9 months after November 5, 1988.

**(f) Effective date**

This section shall become effective on the date 6 months after November 5, 1988, and shall apply to toy, look-alike, and imitation firearms manufactured or entered into commerce after November 5, 1988.

**(g) Preemption of State or local laws or ordinances; exceptions**

The provisions of this section shall supersede any provision of State or local laws or ordinances which provide for markings or identification inconsistent with provisions of this section provided that no State shall—

(i) prohibit the sale or manufacture of any look-alike, nonfiring, collector replica of an antique firearm developed prior to 1898, or

(ii) prohibit the sale (other than prohibiting the sale to minors) of traditional B-B, paint ball, or pellet-firing air guns that expel a projectile through the force of air pressure.

(Pub. L. 100-615, § 4, Nov. 5, 1988, 102 Stat. 3190.)

**CHAPTER 77—STEEL AND ALUMINUM ENERGY CONSERVATION AND TECHNOLOGY COMPETITIVENESS**

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**§ 5101. Findings and purposes**

**(a) Findings**

The Congress finds that—

(1) maintaining viable domestic steel, aluminum, copper, and other metals industries is vital to the national security and economic well being of the United States; and

(2) the promotion of technology competitiveness and energy conservation in the American steel and aluminum industries by the Federal Government through a program of joint research and development will help maintain viable domestic steel and aluminum industries.

**(b) Purposes**

The purposes of this chapter are to—

(1) increase the energy efficiency and enhance the competitiveness of American steel, aluminum, and copper industries by providing Federal incentives for the establishment of public-private sector research and develop-

ment partnerships to undertake scientific research and development to develop advanced technologies utilizing the expertise of the steel, aluminum, copper, and other metals industries, Government-owned laboratories of the Department of Energy and the National Institute of Standards and Technology, universities, State development agencies, and others; and

(2) continue steel research and development initiative efforts begun under title II of the Interior and Related Agencies portion of the joint resolution entitled “Joint Resolution making further continuing appropriations for the fiscal year 1986, and for other purposes”, approved December 19, 1985 (Public Law 99-190).

(Pub. L. 100-680, § 2, Nov. 17, 1988, 102 Stat. 4073.)

**Editorial Notes**

REFERENCES IN TEXT

Title II of the Interior and Related Agencies portion of the joint resolution entitled “Joint Resolution making further continuing appropriations for the fiscal year 1986, and for other purposes”, approved December 19, 1985 (Public Law 99-190), referred to in subsec. (b)(2), is Pub. L. 99-190, §101(d) [title II], Dec. 19, 1985, 99 Stat. 1224, 1244. The provisions relating to steel research and development are not classified to the Code.

**Statutory Notes and Related Subsidiaries**

SHORT TITLE

Pub. L. 100-680, § 1, Nov. 17, 1988, 102 Stat. 4073, provided that: “This Act [enacting this chapter] may be cited as the ‘Steel and Aluminum Energy Conservation and Technology Competitiveness Act of 1988’.”

**§ 5102. Definitions**

As used in this chapter—

(1) the term “Secretary” means the Secretary of Energy;

(2) the term “domestic company” means a company which is substantially involved in the United States domestic production, processing, or use of steel, aluminum, copper, or other metals and has a substantial percentage of its operations located within the United States;

(3) the terms “management plan” and “plan” mean the Steel Initiative Management Plan issued on April 1, 1987, by the Department of Energy, which establishes the management framework for the steel research and development initiative, and updates to that plan; and

(4) the term “research plan” means the Steel Initiative Research Plan issued in April 1988 by the Department of Energy, and updates to that plan.

(Pub. L. 100-680, § 3, Nov. 17, 1988, 102 Stat. 4073.)

**§ 5103. Establishment of scientific research and development program to develop competitive manufacturing technologies and increase energy efficiency in steel and aluminum industries**

**(a) General authority**

The Secretary, pursuant to the authority provided under provisions of the Federal Non-