

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

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

Sec.	
5101.	Findings and purposes.
5102.	Definitions.
5103.	Establishment of scientific research and development program to develop competitive manufacturing technologies and increase energy efficiency in steel and aluminum industries.
5104.	Protection of proprietary rights.
5105.	Coordination.
5106.	Repealed.
5107.	Reports.
5108.	Authorization of appropriations.
5109.	Relation of existing program.
5110.	Drug-free workplace.

**§ 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 development 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.)

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.

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-nuclear Research and Development Act of 1974 (42 U.S.C. 5901, et seq.), shall reestablish an industrial energy conservation and competitive technology program to conduct scientific research and development of steel and aluminum technologies to carry out the purposes of this chapter. Such program shall provide the financial and technical assistance and other incentives which, in the judgment of the Secretary, are necessary to carry out the purposes of this chapter.

**(b) Management plan**

Within 6 months after November 17, 1988, the Secretary shall publish an update of the management plan to expand the steel research and development initiative to include aluminum and to carry out the purposes of this chapter. The Secretary, from time to time, may further update the management plan. The management plan shall be subject to the following conditions:

(1) For newly initiated research and development proposals submitted under the revised management plan, the non-Federal financial share shall equal at least 30 percent of the total cost of any project.

(2) Existing facilities, equipment, supplies, and other property may be included in the non-Federal share under this section only when they are directly relevant to the project.

(3) The knowledge resulting from research and development activities conducted under this chapter shall be developed for the benefit of the domestic companies who provide financial resources to the program.