

15 U.S. Code § 2207

Fire technology

(a) Development

The Administrator shall conduct a continuing program of development, testing, and evaluation of equipment for use by the Nation's fire, rescue, and civil defense services, with the aim of making available improved suppression, protective, auxiliary, and warning devices incorporating the latest technology. Attention shall be given to the standardization, compatibility, and interchangeability of such equipment. Such development, testing, and evaluation activities shall include, but need not be limited to—

- (1) safer, less cumbersome articles of protective clothing, including helmets, boots, and coats;
- (2) breathing apparatus with the necessary duration of service, reliability, low weight, and ease of operation for practical use;
- (3) safe and reliable auxiliary equipment for use in fire prevention, detection, and control, such as fire location detectors, visual and audio communications equipment, and mobile equipment;
- (4) special clothing and equipment needed for forest fires, brush fires, oil and gasoline fires, aircraft fires and crash rescue, fires occurring aboard waterborne vessels, and in other special firefighting situations;
- (5) fire detectors and related equipment for residential use with high sensitivity and reliability, and which are sufficiently inexpensive to purchase, install, and maintain to insure wide acceptance and use;
- (6) in-place fire prevention systems of low cost and of increased reliability and effectiveness;
- (7) methods of testing fire alarms and fire protection devices and systems on a non-interference basis;
- (8) the development of purchase specifications, standards, and acceptance and validation test procedures for all such equipment and devices; and
- (9) operation tests, demonstration projects, and fire investigations in support of the activities set forth in this section.

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