

Consumer Product Safety Commission

§ 1000.31

and benefits of CPSC actions as required by the Consumer Product Safety Act, The National Environmental Policy Act, the Regulatory Flexibility Act and other Acts, and by policies established by the Consumer Product Safety Commission. The Directorate manages hazard assessment and reduction projects as assigned.

[56 FR 30496, July 3, 1991. Redesignated at 59 FR 66673, Dec. 28, 1994, and further redesignated at 64 FR 66579, Nov. 29, 1999]

§ 1000.30 Directorate for Engineering Sciences.

The Directorate for Engineering Sciences, which is managed by the Associate Executive Director for Engineering Sciences, is responsible for developing technical policy for and implementing the Commission's engineering programs. The Directorate manages hazard assessment and reduction projects as assigned by the Office of Hazard Identification and Reduction; provides engineering technical support and product safety assessments for the Office of Compliance; provides engineering, scientific, and technical expertise to the Commission and Commission staff as requested; and provides engineering technical support to other Commission organizations, activities, and programs as needed. The Directorate develops and evaluates product safety standards, product safety tests and test methods, performance criteria, design specifications, and quality control standards for consumer products, based on engineering and scientific methods. It conducts engineering analysis and testing of the safety of consumer products, and evaluates and participates in the development of mandatory and voluntary standards for consumer products including engineering and human factors analyses in support of standards development and product compliance testing. The Directorate performs or monitors research for consumer products in a broad array of engineering disciplines including chemical, electrical, fire protection, human factors, and mechanical engineering. It conducts and coordinates engineering research, testing, and evaluation activities with other federal agencies, private industry, and consumer interest groups. The Directorate

conducts human factors studies and research of consumer product related injuries, including evaluations of labels, signs and symbols, instructions, and other measures intended to address the human component of injury prevention. The Directorate provides technical supervision and direction of engineering activities including tests and analyses conducted in the field.

[61 FR 1708, Jan. 23, 1996. Redesignated at 64 FR 66579, Nov. 29, 1999]

§ 1000.31 Directorate for Laboratory Sciences.

The Directorate for Laboratory Sciences, which is managed by the Associate Executive Director for Laboratory Sciences, is responsible for conducting engineering analyses and testing of consumer products, supporting the development of voluntary and mandatory standards, and supporting the Agency's compliance activities through product safety assessments. A wide variety of products are tested and evaluated to determine the causes of failure and the hazards presented. Product safety tests involve mechanical, electrical, and combustion engineering, as well as thermal and chemical analyses. Test protocols are developed, test fixtures and setups are designed and fabricated, and tests are conducted following the requirements and guidance of voluntary and mandatory standards and/or using sound engineering and scientific judgment. The Laboratory participates with and supports other agency directorates on multi-disciplinary teams in the development of voluntary and mandatory standards. The Laboratory coordinates and cooperates with other Federal agencies, private industry, and consumer interest groups by sharing engineering and scientific research, test, and evaluation expertise. Additionally, Corrective Action Plans, proposed by manufacturers to correct a product defect, are tested and evaluated to assure that the proposed changes adequately resolve the problem. Regulated products, such as children's products, sleepwear, and bicycle helmets, are routinely tested and evaluated for compliance with the Consumer Product Safety Act, the Federal Hazardous Substances Act, the Flammable Fabrics