§ 1210.13 Certification tests.

(a) General. As explained in §1210.11 of this subpart, certificates of compliance required by section 14(a) of the CPSA must be based on a reasonable testing program.

(b) Reasonable testing programs—(1) Requirements. (i) A reasonable testing program for lighters is one that demonstrates with a high degree of assurance that all lighters manufactured for sale or distributed in commerce will meet the requirements of the standard, including the requirements of §1210.3. Manufacturers and importers shall determine the types and frequency of testing for their own reasonable testing programs. A reasonable testing program should be sufficiently stringent that it will detect any variations in production or performance during the production interval that would cause any lighters to fail to meet the requirements of the standard.

(ii) All reasonable testing programs shall include qualification tests, which must be performed on surrogates of each model of lighter produced, or to be produced, to demonstrate that the product is capable of passing the tests prescribed by the standard (see §1210.14), and production tests, which must be performed during appropriate production intervals as long as the product is being manufactured (see §1210.16).

(iii) Corrective action and/or additional testing must be performed whenever certification tests of samples of the product give results that do not provide a high degree of assurance that all lighters manufactured during the applicable production interval will pass the tests of the standard.

(2) Testing by third parties. At the option of the manufacturer or importer, some or all of the testing of each lighter or lighter surrogate may be performed by a commercial testing laboratory or other third party. However, the manufacturer or importer must ensure that all certification testing has been properly performed with passing results and that all records of such tests are maintained in accordance with §1210.17 of this subpart.

§ 1210.14 Qualification testing.

(a) Testing. Before any manufacturer or importer of lighters distributes lighters in commerce in the United States, surrogate lighters of each model shall be tested in accordance with §1210.4, above, to ensure that all such lighters comply with the standard. However, if a manufacturer has tested one model of lighter, and then wishes to distribute another model of lighter that differs from the first model only by differences that would not have an adverse effect on child resistance, the second model need not be tested in accordance with §1210.4.

(b) Product modifications. If any changes are made to a product after initial qualification testing that could adversely affect the ability of the product to meet the requirements of the
standard, additional qualification tests must be made on surrogates for the changed product before the changed lighters are distributed in commerce.

(c) Requalification. If a manufacturer or importer chooses to requalify a lighter design after it has been in production, this may be done by following the testing procedures at §1210.4.

§1210.15 Specifications.

(a) Requirement. Before any lighters that are subject to the standard are distributed in commerce, the manufacturer or importer shall ensure that the surrogate lighters used for qualification testing under §1210.14 are described in a written product specification. (Section 1210.4(c) requires that six surrogate lighters be used for testing each 100-child panel.)

(b) Contents of specification. The product specification shall include the following information:

(1) A complete description of the lighter, including size, shape, weight, fuel, fuel capacity, ignition mechanism, and child-resistant features.

(2) A detailed description of all dimensions, force requirements, or other features that could affect the child-resistance of the lighter, including the manufacturer's tolerances for each such dimension or force requirement.

(3) Any further information, including, but not limited to, model names or numbers, necessary to adequately describe the lighters and any child-resistant features.

§1210.16 Production testing.

(a) General. Manufacturers and importers shall test samples of lighters subject to the standard as they are manufactured, to demonstrate that the lighters meet the specifications, required under §1210.15, of the surrogate that has been shown by qualification testing to meet the requirements of the standard.

(b) Types and frequency of testing. Manufacturers, private labelers, and importers shall determine the types of tests for production testing. Each production test shall be conducted at a production interval short enough to provide a high degree of assurance that, if the samples selected for testing pass the production tests, all other lighters produced during the interval will meet the standard.

(c) Test failure—(1) Sale of lighters. If any test yields results which indicate that any lighters manufactured during the production interval may not meet the standard, production and distribution in commerce of lighters that may not comply with the standard must cease until it is determined that the lighters meet the standard or until corrective action is taken. (It may be necessary to modify the lighters or perform additional tests to ensure that only complying lighters are distributed in commerce. Lighters from other production intervals having test results showing that lighters from that interval comply with the standard could be produced and distributed unless there was some reason to believe that they might not comply with the standard.)

(2) Corrective actions. When any production test fails to provide a high degree of assurance that all lighters comply with the standard, corrective action must be taken. Corrective action may include changes in the manufacturing process, the assembly process, the equipment used to manufacture the product, or the product's materials or design. The corrective action must provide a high degree of assurance that all lighters produced after the corrective action will comply with the standard. If the corrective action changes the product from the surrogate used for qualification testing in a manner that could adversely affect its child resistance, the lighter must undergo new qualification tests in accordance with §1210.14, above.

§1210.17 Recordkeeping and reporting.

(a) Records. Every manufacturer and importer of lighters subject to the standard shall maintain the following records in English on paper, microfiche, or similar media and make such records available to any designated officer or employee of the Commission in accordance with section 16(b) of the Consumer Product Safety Act, 15 U.S.C. 2065(b). Such records must also be kept in the United States and provided to the Commission within 48 hours of receipt of a request from any employee of the Commission, except as