

(3) The average burn time is greater than 7 seconds. The preliminary classification is Class 1, Normal Flammability; or

(4) The average burn time is 4 through 7 seconds (both inclusive) with three or more base burns. The preliminary classification is Class 2, Intermediate Flammability, or

(v) If there is only one burn time out of the 10 specimens, the test is inconclusive. The fabric cannot be classified.

(4) Step 2, Raised Surface Textile Fabric After Refurbishing in accordance with §1610.6(b).

(i) Determine the area to be most flammable in accordance with §1610.6(a)(3)(i).

(ii) Prepare and test five specimens from the most flammable area. Burn times and visual observations determine whether to stop testing and determine the preliminary classification or to test five additional specimens.

(iii) Stop testing and assign the preliminary classification when:

(A) There are no burn times. The preliminary classification is Class 1, Normal Flammability; or

(B) There is only one burn time, and it is less than 4 seconds without a base burn; or it is 4 seconds or greater with or without a base burn. The preliminary classification is Class 1, Normal Flammability; or

(C) There are no base burns regardless of the burn time(s). The preliminary classification is Class 1, Normal Flammability; or

(D) There are two or more burn times with an average burn time of 0 to 7 seconds with a surface flash only. The preliminary classification is Class 1, Normal Flammability; or

(E) There are two or more burn times with an average burn time greater than 7 seconds with any number of base burns. The preliminary classification is Class 1, Normal Flammability; or

(F) There are two or more burn times with an average burn time of 4 through 7 seconds (both inclusive) with no more than one base burn. The preliminary classification is Class 1, Normal Flammability; or

(G) There are two or more burn times with an average burn time less than 4 seconds with no more than one base

burn. The preliminary classification is Class 1, Normal Flammability; or

(H) There are two or more burn times with an average burn time of 4 through 7 seconds (both inclusive) with two or more base burns. The preliminary classification is Class 2, Intermediate Flammability.

(iv) Test five additional specimens when the tests of the initial five specimens result in either of the following: There is only one burn time, and it is less than 4 seconds with a base burn; or the average of two or more burn times is less than 4 seconds with two or more base burns.

(v) If required, test five additional specimens from the most flammable area. The burn times and visual observations for the 10 specimens determine the preliminary classification when:

(A) The average burn time is less than 4 seconds with no more than two base burns. The preliminary classification is Class 1, Normal Flammability; or

(B) The average burn time is less than 4 seconds with three or more base burns. The preliminary and final classification is Class 3, Rapid and Intense Burning; or

(C) The average burn time is greater than 7 seconds. The preliminary classification is Class 1, Normal Flammability; or

(D) The average burn time is 4-7 seconds (both inclusive), with no more than two base burns. The preliminary classification is Class 1, Normal Flammability; or

(E) The average burn time is 4-7 seconds (both inclusive), with three or more base burns. The preliminary classification is Class 2, Intermediate Flammability; or

(vi) If there is only one burn time out of the 10 specimens, the test is inconclusive. The fabric cannot be classified.

#### § 1610.8 Reporting results.

(a) The reported result shall be the classification before or after refurbishing, whichever is the more severe; and based on this result, the textile shall be placed in the proper final classification as described in §1610.4.

(b) *Test result codes.* The following are the definitions for the test result codes, which shall be used for recording

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flammability results for each specimen that is burned.

(1) For Plain Surface Textile Fabrics:  
DNI Did not ignite.

IBE Ignited, but extinguished.

\_\_\_ sec. Actual burn time measured and recorded by the timing device.

(2) For Raised Surface Textile Fabrics:

SF uc Surface flash, under the stop thread, but does not break the stop thread.

SF pw Surface flash, part way. No time shown because the surface flash did not reach the stop thread.

SF poi Surface flash, at the point of impingement only (equivalent to "did not ignite" for plain surfaces).

\_\_\_ sec. Actual burn time measured by the timing device in 0.0 seconds.

\_\_\_ SF only Time in seconds, surface flash only. No damage to the base fabric.

\_\_\_ SFBB Time in seconds, surface flash base burn starting at places other than the point of impingement as a result of surface flash.

\_\_\_ SFBB poi Time in seconds, surface flash base burn starting at the point of impingement.

\_\_\_ SFBB poi\* Time in seconds, surface flash base burn possibly starting at the point of impingement. The asterisk is accompanied by the following statement: "Unable to make absolute determination as to source of base burns." This statement is added to the result of any specimen if there is a question as to origin of the base burn.

## Subpart B—Rules and Regulations

### § 1610.31 Definitions.

In addition to the definitions provided in section 2 of the Flammable Fabrics Act as amended (15 U.S.C. 1191), and in §1610.2 of the Standard, the following definitions apply for this subpart.

(a) *Act* means the "Flammable Fabrics Act" (approved June 30, 1953, Pub. Law 88, 83d Congress, 1st sess., 15 U.S.C. 1191; 67 Stat. 111) as amended, 68 Stat. 770, August 23, 1954.

(b) *Rule, rules, regulations, and rules and regulations*, mean the rules and reg-

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ulations prescribed by the Commission pursuant to section 5(c) of the act.

(c) *United States* means, the several States, the District of Columbia, the Commonwealth of Puerto Rico and the Territories, and Possessions of the United States.

(d) *Marketing or handling* means the transactions referred to in section 3 of the Flammable Fabrics Act, as amended in 1967.

(e) *Test* means the application of the relevant test method prescribed in the procedures provided under section 4(a) of the Act (16 CFR Part 1609).

(f) *Finish type* means a particular finish, but does not include such variables as changes in color, pattern, print, or design, or minor variations in the amount or type of ingredients in the finish formulation. Examples of finish types would be starch finishes, resin finishes or parchmented finishes.

(g) *Uncovered or exposed part* means that part of an article of wearing apparel that might during normal wear be open to flame or other means of ignition. The outer surface of an undergarment is considered to be an uncovered or exposed part of an article of wearing apparel, and thus subject to the Act. Other examples of exposed parts of an article of wearing apparel subject to the Act include, but are not limited to:

(1) Linings, with exposed areas, such as full front zippered jackets;

(2) Sweatshirts with exposed raised fiber surface inside and capable of being worn napped side out;

(3) Unlined hoods;

(4) Rolled cuffs.

(h) *Coated fabrics* means a flexible material composed of a fabric and any adherent polymeric material applied to one or both surfaces.

### § 1610.32 General requirements.

No article of wearing apparel or fabric subject to the Act and regulations shall be marketed or handled if such article or fabric, when tested according to the procedures prescribed in section 4(a) of the Act (16 CFR 1609), is so highly flammable as to be dangerous when worn by individuals.