

**Agricultural Marketing Service, USDA**

**§ 28.303**

issued it, upon the Area Director's request or upon the request of the Director, and a new memorandum complying with this subpart issued in substitution therefor. If the memorandum be not surrendered upon such request, it shall nevertheless be invalid for the purpose of this subpart.

[52 FR 30884, Aug. 18, 1987]

**§ 28.183 Fees and costs; payment.**

The provisions of §§28.115 through 28.126 relating to fees, costs, and method of payment shall apply to services performed with respect to cotton produced outside the continental United States.

**Subpart C—Standards**

**OFFICIAL COTTON STANDARDS OF THE UNITED STATES FOR LENGTH OF STAPLE**

AUTHORITY: Sections 28.301 to 28.307 issued under Sec. 10, 42 Stat. 1519; 7 U.S.C. 61. Interpret or apply sec. 6, 42 Stat. 1518, as amended, sec. 4854, 68A Stat. 580; 7 U.S.C. 56, 26 U.S.C. 4854.

**§ 28.301 Measurement: humidity; temperature.**

The length of staple of any cotton shall be the normal length by measurement, without regard to quality or

value, of a typical portion of its fibers under a relative humidity of the atmosphere of 65 percent and a temperature of 70° F.

**§ 28.302 Terms of designation.**

The length of staple of any cotton shall be designated by that one of the following terms which expresses its measurement in inches and fractions of an inch in accordance with §28.301:

“Below  $\frac{13}{16}$ ;  $\frac{7}{8}$ ;  $\frac{29}{32}$ ;  $\frac{15}{16}$ ;  $\frac{31}{32}$ ; 1;  $\frac{1}{32}$ ;  $\frac{1}{16}$ ;  $\frac{1}{32}$ ;  $\frac{1}{8}$ ;  $\frac{15}{32}$ ;  $\frac{13}{16}$ ;  $\frac{17}{32}$ ;  $\frac{1}{4}$ ;  $\frac{19}{32}$ ;  $\frac{1}{16}$ ;  $\frac{11}{32}$ ;  $\frac{3}{8}$ ;  $\frac{13}{32}$ ;  $\frac{17}{16}$ ;  $\frac{119}{32}$ ;  $\frac{1}{2}$ ;  $\frac{117}{32}$ ;  $\frac{19}{16}$ ;  $\frac{119}{32}$ ;  $\frac{15}{8}$ ;  $\frac{121}{32}$ ;  $\frac{11}{16}$ ;  $\frac{123}{32}$ ;  $\frac{3}{4}$ ; and upward in like manner in gradations of thirty-seconds, disregarding any fraction less than a thirty-second.”

**§ 28.303 Standards for length of staple for American upland cotton.**

(a) Effective July 12, 1985, standards for the lengths of staple of American upland cotton shall be measurements as determined by the Suter-Webb Duplex Cotton Fiber Sorter in accordance with the test method prescribed in paragraph (c) of this section. Ranges for each official staple length are shown in the table below. Staple standards exceeding  $\frac{1}{4}$  inches, in gradations of thirty-second inches, will be expressed in increments of .041 inches.

[In inches]

Staple length	Upper quartile length range
$\frac{13}{16}$ .....	.827-.847
$\frac{7}{8}$ .....	.909-.929
$\frac{29}{32}$ .....	.950-.970
$\frac{15}{16}$ .....	.990-1.010
$\frac{31}{32}$ .....	1.031-1.051
1 .....	1.072-1.092
$\frac{1}{32}$ .....	1.113-1.133
$\frac{1}{16}$ .....	1.154-1.174
$\frac{1}{32}$ .....	1.195-1.215
$\frac{1}{8}$ .....	1.236-1.256
$\frac{15}{32}$ .....	1.277-1.297
$\frac{13}{16}$ .....	1.318-1.338
$\frac{17}{32}$ .....	1.359-1.379
$\frac{1}{4}$ .....	1.400-1.420

(b) Cotton selected for the preparation of practical forms of staple standards shall, to the extent practicable, measure at the mid-point of the appropriate staple range indicated in paragraph (a) of this section.

(c) Length measurements shall be performed in accordance with the

“Standard Test Method for Length and Length Distribution of Cotton Fibers (Array Method), ANSI/ASTM D 1440-77 (1982), which is incorporated by reference pursuant to the provisions of 5 U.S.C. 552(a). This standard test method has been adopted by the American Society for Testing and Materials