CFR 1633 & CFR 1632

MANDATORY U.S.A. MATTRESS FLAMMABILITY TESTS:

CFR TITLE 16 PART 1633		
OPEN FLAME TEST	**SAMPLE SIZE**	**PERFORMANCE TIME**
Qualified Prototype	**3 Twin sets ***	**10 – 14 days**
Confirmed Prototype	1 Twin set *	7 – 10 days
Production Quality Assurance	1 Twin set *	7 – 10 days
Experimental Test	1 Twin set *	7 – 10 days
Subordinate Prototype	1 Twin set *	7 – 10 days
Objective Data	1 Twin set *	7 – 10 days

*** Mattress with or without Foundation. Mattresses with a foundation and mattresses without a foundation are both described as "mattress sets." The sale of mattresses tested without foundations might be limited to that configuration.**

The standard permits testing of twin-size sets, even if sales sizes are larger. If sales sizes are smaller than a twin-size (such as a crib mattress), the largest size of the product must be tested.

CFR TITLE 16 PART 1632		
CIGARETTE TEST	**SAMPLE SIZE**	**PERFORMANCE TIME**
Prototype	**1 mattress (twin size)**	**5 – 7 days**
Production Quality Assurance	1 mattress (twin size)	5 – 7 days
Experimental Test	1 mattress (twin size)	5 – 7 days

If the top surface and bottom surface of each mattress are not exactly the same, please submit double the number of mattresses.

NOTE: The tests in bold type are the required minimum tests.

-- See "Explanation" on Page 2 --

Govmark
96 Allen Boulevard, Suite D • Farmingdale, NY 11735-5626 • U.S.A.
Tel. +1 631 293 8944 • Fax +1 631 293 8956
E-mail: testing@govmark.com Website: www.govmark.com

CFR 1633 & CFR 1632

EXPLANATION

MANDATORY U.S.A. MATTRESS FLAMMABILITY TESTS:

(1) CFR 16 Part 1633 (open flame ignition resistance):

Qualified Prototype: Each newly designed product must be tested under this procedure. Please note that 3 mattress sets must be tested.

Confirmed Prototype: If a Qualified Prototype test report exists for a mattress set made at a particular location, mattress sets using the same specifications can be made at other locations. The only proviso is that the mattress set made at any other location should be tested as a Confirmed Prototype.

Subordinate Prototype: A subordinate prototype is the same as a qualified prototype, except for changes in tickings, components and/or manufacturing specifications. To provide a reasonable basis that such change(s) will not cause the test results of the subordinate prototype to exceed the maximum criteria, Govmark suggests that a test be conducted on one mattress set.

Production Quality Assurance: CFR 16 Part 1633.6 encourages random production testing as part of a mandatory quality assurance program. While no timetable is established, Govmark suggests production testing of at least 1 mattress set on a quarterly to an annual basis, depending on production levels.

Objective Data Prototype: The purpose of this test is for manufacturers to confirm that a reduction in the fuel load of the mattress does not change the original qualified prototype results. While not mandatory, this test is recommended by the CPSC (Consumer Product Safety Commission).

(2) CFR 16 Part 1632 (cigarette ignition resistance):

Prototype Mattress Test: Each newly designed product must be tested under this procedure. Please note that 1 mattress must be tested.

Production Quality Assurance: CFR 16 Part 1632 does not mandate any further testing once prototypes are approved. It would be a prudent practice to randomly test a production mattress at specified time intervals, i.e. every 3 months; every 6 months, etc. It is strongly suggested that a random production test be conducted at least once a year.

NOTE: The tests in bold type are required minimum tests.

Govmark
96 Allen Boulevard, Suite D • Farmingdale, NY 11735-5626 • U.S.A.
Tel. +1 631 293 8944 • Fax +1 631 293 8956
E-mail: testing@govmark.com Website: www.govmark.com