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Received: 05/13/2014	Completed: 05/15/2014	Letter: F	JE	P.O.#: 4500019699	Test Report #: 3-02113-0-
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Client's Identification	Lot No: 3020-05141. Date of Mfg: 05-05-14. Style: Chamea	Product End Use: Upholstery.
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Tested For: Burch
4200 Brockton Dr SE
Grand Rapids, MI 49512

Key Test: CA TB 117-2013 (Section I-Cover 235

CA TB 117 LE: 2013; R 03/12; V 03/12 PC: 24 hrs: 21st 3°C; less than 55% RH /sm

TEST PERFORMED: California Technical Bulletin 117-2013 - Requirements, Test Procedure and Apparatus for Testing the Smolder Resistance of Materials Used in Upholstered Furniture (June 2013 Version)

Section 1, Cover Fabric Test (Upholstery cover material is the outermost layer of fabric or related material used to enclose the main support system or upholstery materials, or both, used in the furniture item.)

REFERENCE: ASTM E1353-08a¹

IGNITION SOURCE: SRM 1196 Cigarette

SPECIMEN TEST COMPOSITE:

Upholstery Cover Material: As described in "Client's Identification".

Standard Substrate Material: Non FR polyurethane foam, density 1.8 ± 0.1 lb/ft³

BRIEF DESCRIPTION OF TEST: Miniature cushions are prepared using the clients cover fabric over the standard filling material. The vertical or back cushions measure 8" x 8" x 2". The horizontal or seat cushions measure 8" x 5" x 2".

A lighted cigarette is placed in the crevice formed by the vertical cushion and the horizontal cushion.

The test is terminated at 45 minutes if smoldering is no longer observed.

Test measurements and observations are recorded.

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Received: 05/13/2014	Completed: 05/15/2014	Letter: F	JE	P.O.#: 4500019699	Test Report #: 3-02113-0-
Client's Identification	Lot No: 3020-05141. Date of Mfg: 05-05-14. Style: Chamea			Product End Use: Upholstery.	
Tested For:	Burch 4200 Brockton Dr SE Grand Rapids, MI 49512		Key Test: CA TB 117-2013 (Section I-Cover		235

PASS/FAIL/REPEAT CRITERIA: A material is considered to pass or fail based on the following criteria:

1. A single mock-up test specimen fails to meet the requirements of this test procedure if any of the following criteria occurs:
 - a) The mock-up test specimen continues to smolder after the 45 minute test duration;
 - b) A vertical char length (measured as specified in step 11.9 of ASTM E1353-08a e1) of more than 1.8 inches (45 mm) develops on the cover fabric.
 - c) The mock-up test specimen transitions to open flaming.
2. The cover fabric passes the test if three initial mock-up specimens pass the test, i.e., the cigarettes burn their entire length and the mock-ups are no longer smoldering.
3. If more than one initial specimen fails, the cover fabric fails the test.
4. If any one of the three initial specimens fails, repeat the test on additional three specimens.
5. If all three additional specimens pass the test, the cover fabric passes the test. If any one of the additional three specimens fails, the cover fabric fails the test.

RESULTS:

	Specimen #	Char Length (inches)	SE (yes/no)	SB45 (yes/no)	TOF (yes/no)
Initial:	1	0	Yes	No	No
	2	0	Yes	No	No
	3	0	Yes	No	No
Replacement: (If needed)	1	0	Yes	No	No
	2	0	Yes	No	No
	3	0	Yes	No	No
Repeat Tests: (If needed)	1				
	2				
	3				



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Received: 04/23/2015 Completed: 04/24/2015 Letter: X BG P.O.#: 4500021359 Test Report #: 3-07562-0-

Client's Identification Lot No: 2007-01091. Style: Chamea Product End Use: Upholstery.

Tested For: Burch Key Test: NFPA 260 Cover Fabric (BLDG) 235
 4200 Brockton Dr SE
 Grand Rapids, MI 49512

Category: NFPA 260 Fabric LE 2013; V 03/15 NE:2018 PC: 4H dl/jd
 NFPA 101 LE 2015; V 04/15
 IFC LE 2015; V 03/15

TEST PERFORMED: NFPA 260 Standard Methods of Tests and Classification System for Cigarette Ignition Resistance of Components of Upholstered Furniture; Cover Fabric Test

SPECIMEN TEST COMPOSITE:
 Candidate cover fabric (see "Client's Identification")
 Standard filling material: Non FR polyurethane foam, density 20 kg/m³ to 25 kg/m³

RESULTS:

Specimen #	TEST		RETEST (If Required)	
	Ignition (yes/no/SE)	Char Length On Vertical Panel (mm)	Ignition (yes/no/SE)	Char Length On Vertical Panel (mm)
1	SE	0	SE	0
2	SE	0	SE	0
3	SE	0	SE	0

ABBREVIATION WHICH MAY BE USED:
 SE = Indicates that the cigarette self extinguished prior to burning its entire length. When this occurs, a "retest" of that specimen is performed.
 EC = Escalating combustion. Specimen extinguished by technician. No char length measurement taken.

CLASSIFICATION SYSTEM:
 Class I - For each specimen: No obvious ignition; maximum char length 45 mm (1.75"). (Indicates propensity to resist cigarette ignition in conjunction with standard foam filling material.)
 Class II - For any specimen: Obvious ignition; or char length exceeding 45 mm (1.75"). (Indicates inability to resist cigarette ignition in conjunction with standard foam filling material.)

CONCLUSION: Based on the above Results and Classification System, the item tested is assigned a:
 [x] Class I rating; [] Class II rating



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Client's Identification	Lot No: 2007-01091. Style: Chamea		Product End Use: Upholstery.			
Tested For:	Burch 4200 Brockton Dr SE Grand Rapids, MI 49512		Key Test: NFPA 260 Cover Fabric (BLDG)		235	

REMARKS: None.

CODE INFORMATION: In accordance with --

- (1) The 2015 Edition of the NFPA Life Safety Code 101, paragraph 10.3.2.1(1); and
- (2) The 2015 Edition of the International Fire Code, paragraph 805.1.1.1, 805.2.1.1, 805.3.1.1, and 805.4.1.1

Upholstered furniture components shall be Class I when tested in accordance with NFPA 260, when used in:

- Detention or correctional occupancy
- Health care occupancy
- Residential board & care occupancy
- College and university dormitories

COMMENTARY: The cigarette ignition source used in this test conforms to the physical parameters set forth in the test standard. The actual propensity of the cigarette (that is currently manufactured) to cause ignition of materials under test might be different than the cigarette that was manufactured at the inception of the test standard.

CERTIFICATION: I certify that the above results were obtained after testing specimens in accordance with the procedures and equipment specified by NFPA 260.

MS. PHYLLIS PETTIT

APR 29 2015

AUTHORIZED SIGNATURE
 GOVMARK

/lb /pm

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