



DIVERSIFIED

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April 9, 2014

Burch
4200 Brockton Dr SE
Grand Rapids, MI 49512

Reference: Laboratory Test Report
Lab Identification No. 9904
Invoice 40649 (Attached)

Dear Burch:

One (1) fabric sample, identified as QUANTUM, was received and tested in accordance with the California Technical Bulletin 117-2013, Section 1, Cover Fabric Test. The results are as follows:

Test Results - Char

11mm	15mm	16mm
------	------	------

The sample submitted **meets** the requirements of the above standard. There were no ignitions or smoldering after 45 minutes on any of the three specimens tested. In addition, none of the three test specimens displayed a char which was greater than 45 mm.

If there are any questions or when we can be of further assistance, please let us know.

Sincerely,

Bobby E. Puett

BEP/mr
Attachment

Received: 04/10/2014	Completed: 04/10/2014	Letter: U	JE	P.O.#: AN00219074	Test Report #: 3-01600-0-
Client's Identification	Description: Quantum				
Tested For: Burch 4200 Brockton Dr SE Grand Rapids, MI 49512			Key Test: NFPA 260 Cover Fabric (BLDG) 235		
			Tel: 1-(864)-224-1671		Ext: 24454
			Fax: 1-(864)-225-2948		

Category: NFPA 260 Fabric LE 2013; R 10/13; V 10/13 PC: 4H dl/jd
NFPA 101 LE 2012; R 7/12; V 7/12
IFC LE 2012; R 6/12; V 6/12

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	No	16		
2	No	16		
3	No	17		

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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The
Govmark
Organization, Inc.

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REMARKS: None.

CODE INFORMATION: In accordance with --

- (1) The 2012 Edition of the NFPA Life Safety Code 101, paragraph 10.3.2.1(1); and
- (2) The 2012 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.


AUTHORIZED SIGNATURE
THE GOVMARK ORGANIZATION, INC.

lgb

(Page 2 of 2)

Douglas W. Lipp

APR 14 2014

The results contained in this report relate only to item(s) tested. The test report shall not be reproduced, except in full, without written approval from The Govmark Organization, Inc.

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Received: 04/10/2014	Completed: 04/10/2014	Letter: U1	JE	P.O.#: AN00219074	Test Report #: 3-01600-1-
Client's Identification	Description: Quantum				
Tested For: Burch 4200 Brockton Dr SE Grand Rapids, MI 49512			Key Test: UFAC Fabric 235 Tel: 1-(864)-224-1671 Ext: 24454 Fax: 1-(864)-225-2948		

PC.4H

TEST PERFORMED: UFAC Fabric Classification Test Method 1990
Cigarette Ignition Resistance of Fabric Intended for Use in Upholstered Furniture

RESULTS:	TEST		RETEST (If Required)	
	Ignition (yes/no/SE)	Char Length on Vertical Panel (inches)	Ignition (yes/no/SE)	Char Length on Vertical Panel (inches)
Specimen #				
1	No	0.9		
2	No	0.7		
3	No	0.6		

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; char length less than 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 1.75" or greater.
(Indicates inability to resist cigarette ignition in conjunction with standard foam filling material.)

RETEST PROVISION:

Applies only to cigarettes that self-extinguish. It does not apply to specimens which ignite or have a char length of 1.75" or greater.

CONCLUSION: Based on the above Results and Criteria, the item tested is assigned a:

[x] Class I rating; [] Class II rating

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REMARKS: None.

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 UFAC Fabric Classification Test Method 1990.

AUTHORIZED SIGNATURE

THE GOVMARK ORGANIZATION, INC. /pm

10/0

(Page 2 of 2)

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