

Received:09/24/2008 Completed:09/26/2008 Letter: l4 rb P.O.#: Test Report #: 2-75474-0-04

Client's Identification Refresh

Tested For:



Key Test: CA 117 E

95

Tel: 1-(205)-985-4206

Ext: 124

Fax: 1-(205)-985-9176

PC: .5H+.5H /md

TEST PERFORMED: California Technical Bulletin 117 (March 2000) Section E Upholstery Fabrics

RESULTS:		LENGTH			WIDTH
		Burning Time			Burning Time
Specimen		(seconds)	Specimen		(seconds)
#1 Face		DNI	#6 Face		DNI
#2 Face		DNI	#7 Face		DNI
#3 Face		DNI	#8 Back		DNI
#4 Back		DNI	#9 Back		DNI
#5 Back		DNI	#10 Back		DNI
Avg:			Avg:		

NOTE: This is a minimal flammability test to screen out highly flammable materials.

REMARKS: None.

ACCEPTANCE CRITERIA: Shall meet Class I of CS 191-53 --

Minimum Average Burning Time (Flame Spread)

<input checked="" type="checkbox"/> Plain Surface Materials:	3.5 Seconds or No Recordable Burning Time
<input type="checkbox"/> Raised Surface Materials:	7.0 Seconds or No Recordable Burning Time


ABBREVIATIONS OF "NO RECORDABLE BURNING TIME" CATEGORIES:

DNI = Did not ignite when exposed to test ignition source.  
IBE = Ignited but extinguished before burning through stopcord.  
SF = Surface flash only; stopcord not burned & no burning/charring/fusing of the base fabric.  
TSF = Timed surface flash; stopcord burned, but no burning/charring/fusing of the base fabric.

CONCLUSION: Based on the above Results and Acceptance Criteria, the item tested:

☒ Complies; ☐ Does not comply

CERTIFICATION: I certify that the above results were obtained after testing specimens in accordance with the procedures and equipment specified by California Technical Bulletin 117 (March 2000) Section E Upholstery Fabrics.

  
AUTHORIZED SIGNATURE  
THE GOVMARK ORGANIZATION, INC. /jb

(Page 1 of 1)



The  
**Govmark**  
Organization, Inc.

96-D Allen Boulevard  
Farmingdale, New York 11735-5626 USA  
Tel. +1 (631) 293-8944 Fax +1 (631) 293-8956  
e-mail: info@govmark.com

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Received: 09/24/2008 Completed: 09/26/2008 Letter: 17 rb P.O.#: Test Report #: 2-75474-0-07

Client's  
Identification Refresh

Tested For:



Key Test: NFPA 260 Cover Fabric (BLDG)

105

Tel: 1-(205)-985-4206

Ext: 124

Fax: 1-(205)-985-9176

Test Category: NFPA 260 Fabric Specifier: Bldg. Codes

PC: 4H /jd

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

RESULTS:

TEST

RETEST (If Required)

Specimen #	Ignition (yes/no/SE)	Char Length On Vertical Panel (mm)	Ignition (yes/no/SE)	Char Length On Vertical Panel (mm)
1	SE	10	SE	12
2	SE	10	SE	9
3	SE	12	SE	13

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.

REMARKS: None.

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:

☒ Class I rating

☐ Class II rating

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Received: 09/24/2008	Completed: 09/26/2008	Letter: 17	rb	P.O.#:	Test Report #: 2-75474-0-07
Client's Identification	Refresh				
Tested For:					<b>Key Test:</b> NFPA 260 Cover Fabric (BLDG) 105 <b>Tel:</b> 1-(205)-985-4206 <b>Ext:</b> 124 <b>Fax:</b> 1-(205)-985-9176

CODE INFORMATION: In accordance with --

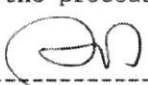
- (1) The 2006 Edition of the NFPA Life Safety Code 101, paragraph 10.3.2.1(1);
- (2) The 2006 Edition of the International Fire Code, paragraph 805.1.1.1, 805.2.1.1 and 805.3.1.1

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

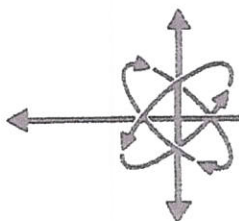
In certain situations an exception is made if the rooms or areas are sprinklered.

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

  
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TESTING LABORATORIES, INC.  
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336 WEST FRONT STREET  
P.O. BOX 4004  
BURLINGTON, NORTH CAROLINA 27215  
PHONE (336) 227-7710 • FAX (336) 227-1175  
www.diversifiedtestinglabs.com

October 20, 2014

Burch  
4200 Brockton Dr SE  
Grand Rapids, MI 49512

Reference: Laboratory Test Report  
Lab Identification No. 12145  
Invoice No. 43005 (Attached)

Dear Burch:

One (1) fabric sample, identified as **REFRESH**, was received and tested in accordance with **IMO 2010 FTP CODE - International Code for Application of Fire Test Procedures - Resolution MCS.307(88): Annex I - Fire Test Procedures, Part 8 - Test For Upholstered Furniture**, "The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazards of the product in use."

The sample submitted was tested to Section 3.2 Propane Flame Test. The results are as follows:

<u>Ignition Source</u>	<u>Test Results</u>
Propane Flame	#1 PASS (No flaming or progressive smouldering)
	#2 PASS (No flaming or progressive smouldering)

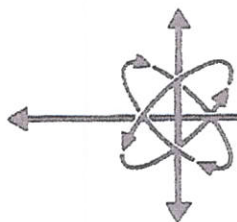
The sample submitted **meets** minimum requirements of the above standard when tested to the propane flame ignition source.

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

Sincerely,

Bobby E. Puett

BEP/mr  
Attachment



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October 20, 2014

Burch  
4200 Brockton Dr SE  
Grand Rapids, MI 49512

Reference: Laboratory Test Report  
Lab Identification No. 12145  
Invoice No. 43005 (Attached)

Dear Burch:

One (1) fabric sample, identified as **REFRESH**, was received and tested in accordance with **IMO 2010 FTP CODE - International Code for Application of Fire Test Procedures - Resolution MCS.307(88): Annex I - Fire Test Procedures, Part 8 - Test For Upholstered Furniture**, "The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazards of the product in use."

The sample submitted was tested to Section 3.1 Smouldering Cigarette Test. The results are as follows:

<u>Ignition Source</u>	<u>Test Results</u>
Smouldering Cigarette	#1 PASS (No flaming or progressive smouldering)
	#2 PASS (No flaming or progressive smouldering)

The sample submitted **meets** minimum requirements of the above standard when tested to the smouldering cigarette ignition source.

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

Sincerely,

Bobby E. Puett


BEP/mr  
Attachment



The  
**Govmark**  
Organization, Inc.

96-D Allen Boulevard  
Farmingdale, New York 11735-5626 USA  
Tel. +1 (631) 293-8944 Fax +1 (631) 293-8956  
e-mail: info@govmark.com

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Received: 09/24/2008	Completed: 09/26/2008	Letter: I9	rb	P.O.#:	Test Report #:	2-75474-0-09
Client's Identification	Refresh					
Tested For:	Key Test: UFAC Fabric					105
		Tel: 1-(205)-985-4206				Ext: 124
		Fax: 1-(205)-985-9176				

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	SE	6	SE	10
2	SE	8	SE	8
3	SE	8	SE	12

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.

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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96-D Allen Boulevard  
Farmingdale, New York 11735-5626 USA  
Tel. +1 (631) 293-8944 Fax +1 (631) 293-8956  
e-mail: info@govmark.com

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Received: 09/24/2008	Completed: 09/26/2008	Letter: 19	rb	P.O.#:	Test Report #:	2-75474-0-09
Client's Identification	Refresh					
Tested For:	Key Test: UFAC Fabric					105
 <b>BURCH FABRICS</b>		Tel: 1-(205)-985-4206		Ext: 124		
		Fax: 1-(205)-985-9176				

REMARKS: None.

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.

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(Page 2 of 2)

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