



**DIVERSIFIED**  
TESTING LABORATORIES, INC.  
WORLDWIDE SERVICE

“We Test Per Your Request”

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

August 28, 2017

Ms. Ann Sawchak  
EXPAND SYSTEMS, LLC  
771 Shallowford Road, Suite 102  
Kennesaw, GA 30144

Reference: Laboratory Test Report  
Lab Identification No. 26865  
Invoice No. 57996

Dear Ms. Sawchak:

One (1) fabric sample, identified as **2439 LT ZARA**, was received and tested in accordance with the National Fire Protection Association No. 701, "Standard Methods of Fire Tests for Flame Propagation of Textiles and Films, 2015 Edition, (Test 1, Small Scale)". The results are as follows:

<u>Specimen Number</u>	<u>Test Results</u>	
	<u>Residual Flame</u> (seconds)	<u>Weight Loss</u> (percent)
1	0.0	17.85
2	0.0	24.59
3	0.0	25.45
4	0.0	19.54
5	0.0	22.12
6	0.0	14.13
7	0.0	23.15
8	0.0	26.19
9	0.0	23.21
<u>10</u>	<u>0.0</u>	<u>20.50</u>
AVG	0.0	21.67

The sample submitted **meets** the minimum requirements of the above standard. The average percent weight loss cannot exceed 40% and the weight loss of individual specimens cannot exceed mean value plus three standard deviations. The average residual flame cannot exceed 2.0 seconds.

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

Sincerely,

Brian S. Dement

BSD/mr





**DIVERSIFIED**  
**TESTING LABORATORIES, INC.**  
WORLDWIDE SERVICE

“We Test Per Your Request”

336 WEST FRONT STREET  
P.O. BOX 4004  
BURLINGTON, NORTH CAROLINA 27215  
PHONE (336) 227-7710 • FAX (336) 227-1175  
[www.diversifiedtestinglabs.com](http://www.diversifiedtestinglabs.com)

August 28, 2017

Ms. Ann Sawchak  
EXPAND SYSTEMS, LLC  
771 Shallowford Road, Suite 102  
Kennesaw, GA 30144

Reference: Laboratory Test Report  
Lab Identification No. 26865  
Invoice No. 57996

Dear Ms. Sawchak:

One (1) fabric sample, identified as **2439 LT ZARA**, was received and tested in accordance with the NFPA 260, "Cigarette Ignition Resistance of Components of Upholstered Furniture, 2013 Edition", (Cover Fabric Test). The results are as follows:

**Test Results**

Vertical Char Lengths

12mm    11mm    11mm

The sample submitted **meets** the requirements of the above standard and may be considered a **Class I Cover Fabric**. There were no ignitions on any of the three specimens tested. In addition, none of the three test specimens displayed a vertical char which was equal to or greater than 45 mm.

Sincerely,

Brian S. Dement

BSD/mr

