

# **Q PRODUCTS, LLC** **TEST REPORT**

**SCOPE OF WORK**

**CALIFORNIA TB-133 – FLAMMABILITY TEST PROCEDURE FOR SEATING FURNITURE FOR USE IN PUBLIC OCCUPANCIES**

**REPORT NUMBER**

103246363GRR-001B

**ISSUE DATE**

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**PAGES**

9

**DOCUMENT CONTROL NUMBER**

RT-AMER-L-GRR-DUR-001

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## SECTION 2

### SUMMARY AND CONCLUSION

Date Received: 23-Oct-2017  
Dates Tested: 25-Oct-2017

### DESCRIPTION OF SAMPLES (PER Q PRODUCTS, LLC)

Part Description: The Q Desk  
Condition of Samples: New

### WORK REQUESTED/APPLICABLE DOCUMENTS

CALIFORNIA TB-133 – FLAMMABILITY TEST PROCEDURE FOR SEATING FURNITURE FOR USE IN PUBLIC OCCUPANCIES  
Intertek quote Qu-00799874

### CONCLUSION

TEST	RESULTS
CALIFORNIA TB-133 – FLAMMABILITY TEST PROCEDURE FOR SEATING FURNITURE FOR USE IN PUBLIC OCCUPANCIES	CONFORMING

### SAMPLE DISPOSITION

Sample tested and destroyed.

### TEST EQUIPMENT:

ASSET NUMBER	EQUIPMENT	CALIBRATION DATE	CALIBRATION DUE
138051.26	CARBON MONOXIDE / DIOXIDE ANALYZER	VBU	VBU
138051.22	OXYGEN ANALYZER	09/14/2017	09/14/2018
138245	SCALE	07/14/2017	07/14/2018
138051.33	FLOW METER 0-14 SLM PROPANE	11/09/2016	11/09/2017
138051.31	DPI DIFFERENTIAL PRESSURE TRANSDUCER	11/15/2016	11/15/2017
138327	GRADUATED RULE 36"	10/11/2017	10/11/2018
138412	STOPWATCH	03/14/2017	03/14/2018
138406	TEMP/HUMIDITY PROBE	10/03/2017	10/03/2018
138051.9	SMOKE DENSITY MONITOR 0-100%	VBU	VBU

**SECTION 3**

**CALIFORNIA TB-133 – FLAMMABILITY TEST PROCEDURE FOR SEATING FURNITURE FOR USE IN PUBLIC OCCUPANCIES**

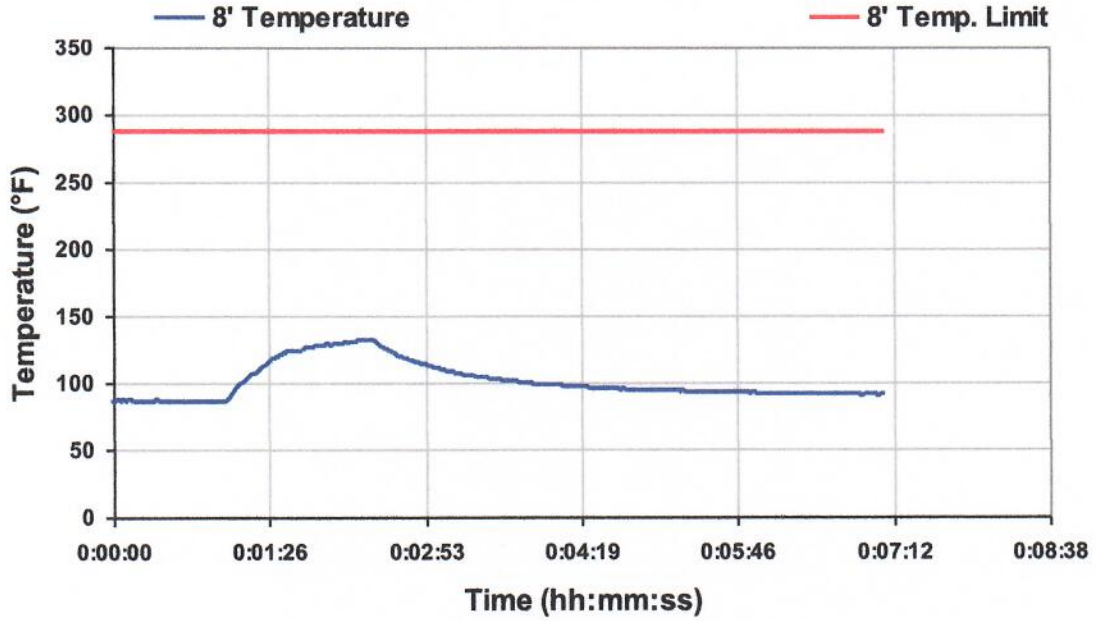
Date Received: 23-Oct-2017  
 Date Tested: 25-Oct-2017  
 Location Tested: Intertek Kentwood, MI  
 Room Temperature (Start): 69°F  
 Room Humidity (Start): 36%  
 Minutes out of Conditioning: 5.0

**PRODUCT: THE Q DESK**

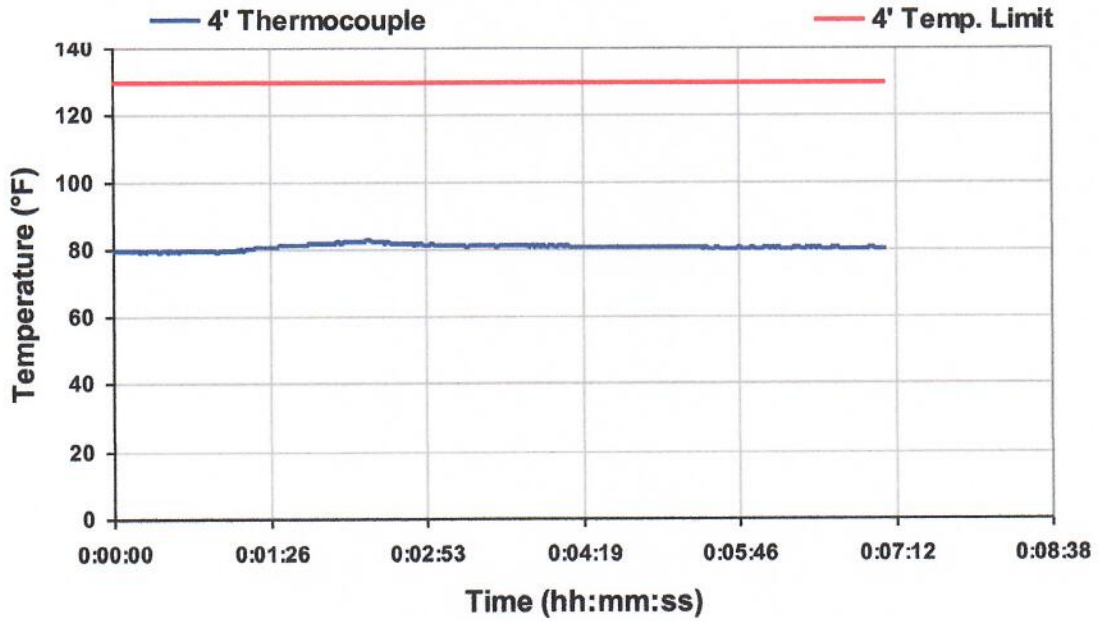
CRITERIA	LIMIT	VALUE	PASS/FAIL
Flame Out (min:sec)	N/A	2:00	N/A
8' Temp. Increase (Maximum), °F	≤ 200°F	45.4 °F	Pass
4' Temp. Increase (Maximum), °F	≤ 50°F	3.1 °F	Pass
4' Smoke Opacity (Maximum), %	≤ 75 %	16 %	Pass
CO Concentration (Maximum), ppm	N/A	0 ppm	N/A
Time CO Is Greater Than 1000ppm (min:sec)	< 5:00	0:00	Pass
Maximum Rate of Heat Release	≤ 80 kW	16 kW	Pass
Total Heat Energy in First 10 Min.	≤ 15 MJ	1.3 MJ	Pass
Pre-Test Weight	N/A	26.00 lbs	N/A
Weight Loss at 10 Minutes	≤ 3 lbs	0.00 lbs	Pass
Post-Test Weight	N/A	26.00 lbs	N/A

The submitted sample met the acceptance criteria of the test described above. Refer to the following pages for charts and photographs.

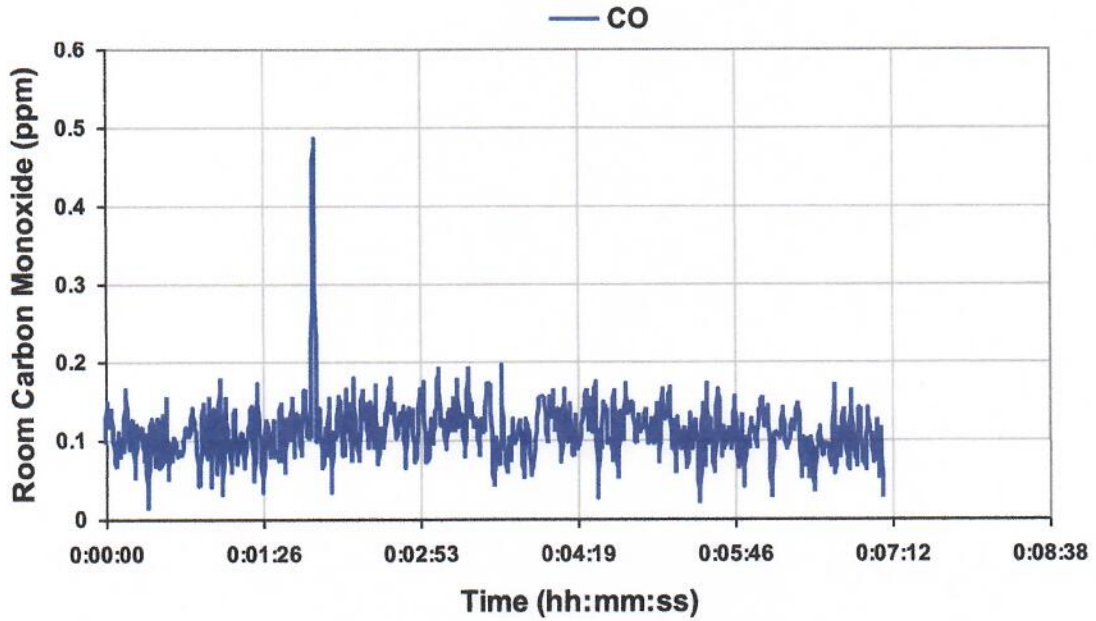
### 8' Thermocouple Temperature



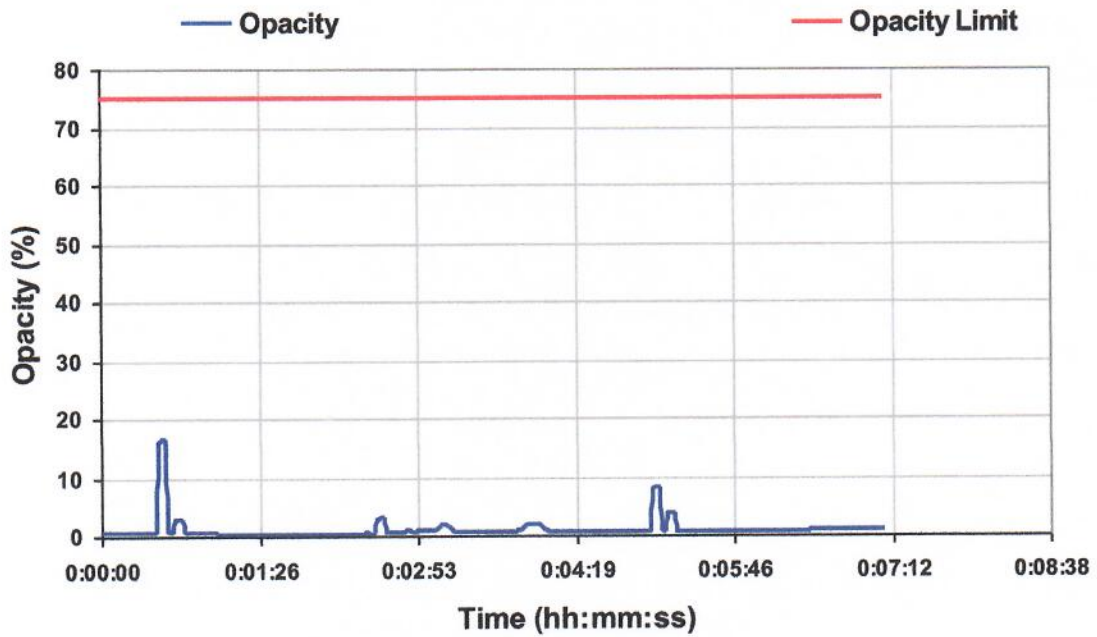
### 4' Thermocouple Temperature



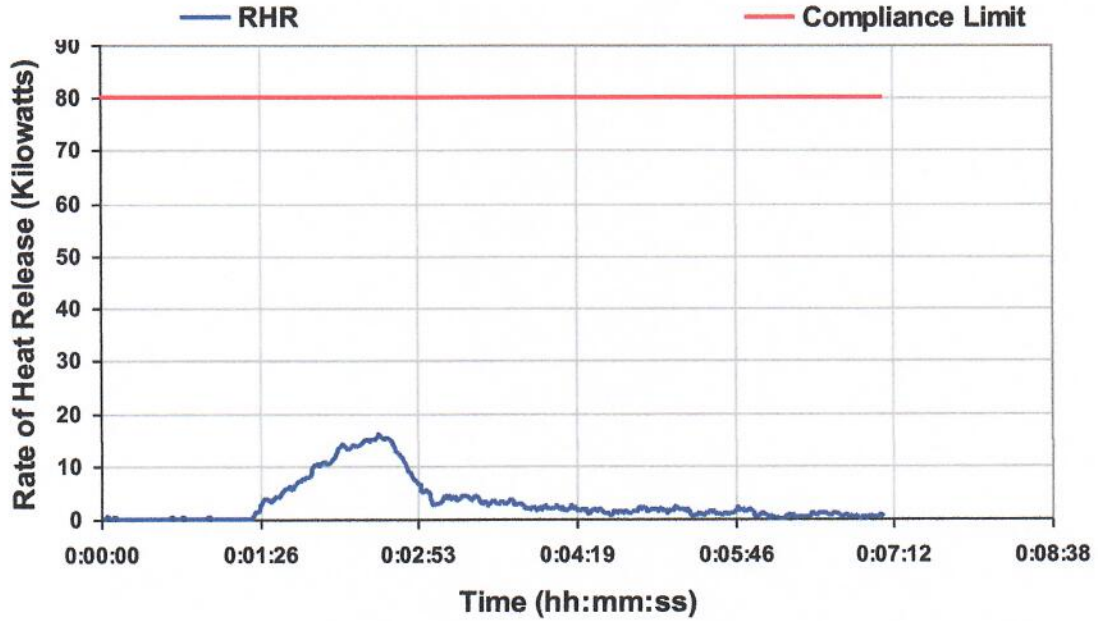
### Room Carbon Monoxide



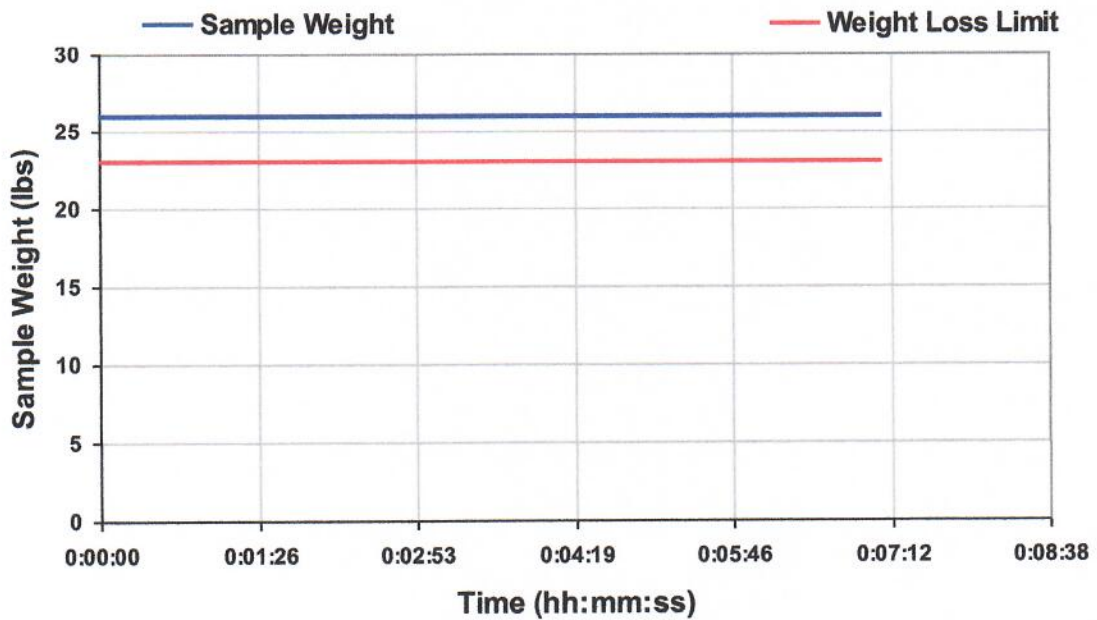
### Opacity



### Rate of Heat Release



### Sample Weight (scale reading)





**THE Q DESK - Pre-Test Setup**



**THE Q DESK - Post-Test**

**SECTION 4**

**REVISIONS MADE TO TEST REPORT**

DATE	REVISION DESCRIPTION	REVISED BY	REVISED BY
07-Nov-2017	Initial release.	Eric Frees	