

EMECO TEST REPORT

SCOPE OF WORK

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

Su Stool - Recycled Polyethylene

REPORT NUMBER

103863630GRR-001

ISSUE DATE

11-Mar-2019

PAGES

9

DOCUMENT CONTROL NUMBER

RT-AMER-L-GRR-DUR-001

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REPORT FOR EMECO

Report No.: 103863630GRR-001

Date: 11-Mar-2019

P.O.: N/A

Telephone: +1 616 656 7401

Facsimile: +1 616 656 2022

www.intertek.com

SECTION 1

CLIENT INFORMATION

Attention: Nicole Runde

Emeco

2650 El Presidio St.

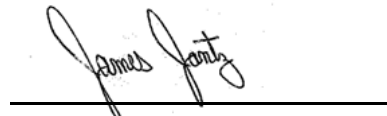
Long Beach, CA 90810

Phone: 310.667.5658

Email: Elaine@emeco.net



Eric Frees
Test Engineer



James Jantz
Project Reviewer

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SECTION 2

SUMMARY AND CONCLUSION

Date Received: 06-Mar-2019
 Dates Tested: 11-Mar-2019

DESCRIPTION OF SAMPLES (PER EMECO)

Product: Su Stool
 Model Number: SU 18 PS RED
 Fabric Type: N/A
 Fabric Color: N/A
 Inter-liner/Blocking Layer: N/A
 Fill Description: N/A
 Condition of Samples: Production

WORK REQUESTED/APPLICABLE DOCUMENTS

CALIFORNIA TB-133 – FLAMMABILITY TEST PROCEDURE FOR SEATING FURNITURE FOR USE IN PUBLIC OCCUPANCIES
 Intertek quote Qu-00958321

CONCLUSION

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

SAMPLE DISPOSITION

Sample tested and placed on hold awaiting return to client.

TEST EQUIPMENT:

ASSET NUMBER	EQUIPMENT	CALIBRATION DATE	CALIBRATION DUE
138051.26	CARBON MONOXIDE / DIOXIDE ANALYZER	VBU	VBU
138051.18	OXYGEN ANALYZER	VBU	VBU
138245	SCALE	10/15/2018	10/15/2019
138051.32	FLOW METER 0-14 SLM PROPANE	10/08/2018	10/08/2019
138051.31	DPI DIFFERENTIAL PRESSURE TRANSDUCER	10/09/2018	10/09/2019
138282	GRADUATED RULE 36"	07/14/2014	07/14/2019
138500.09	STOPWATCH	10/02/2018	10/02/2019
138406	TEMP/HUMIDITY PROBE	10/08/2018	10/08/2019
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

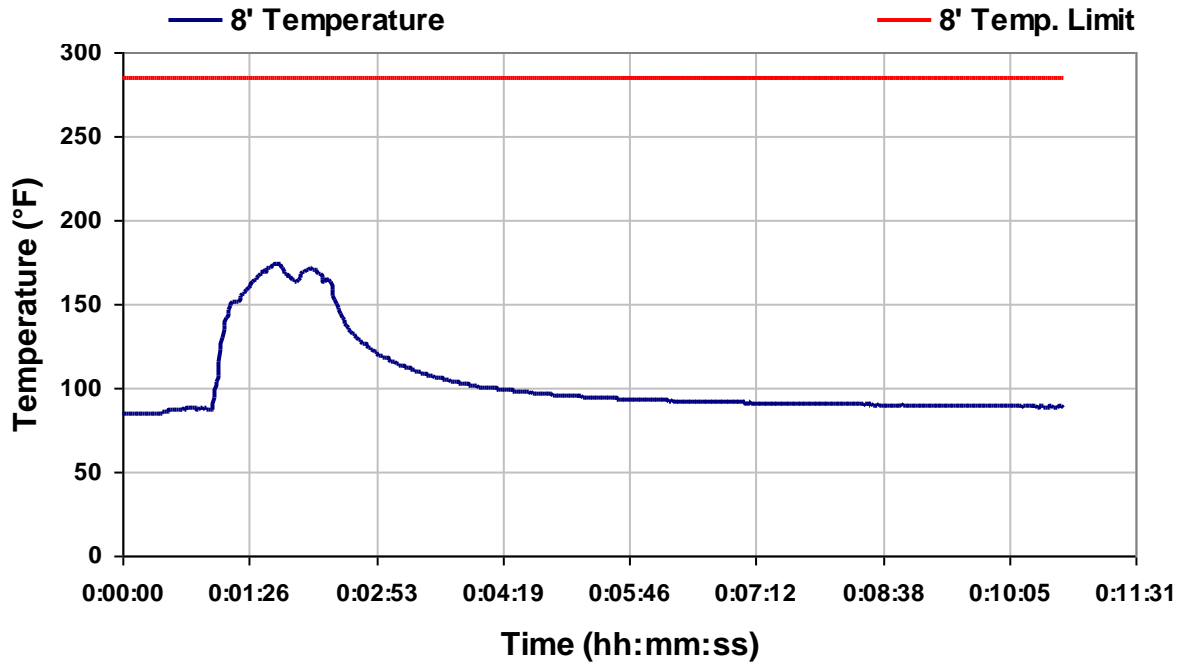
Date Received: 06-Mar-2019
 Date Tested: 11-Mar-2019
 Location Tested: Intertek Kentwood, MI
 Room Temperature (Start): 71°F
 Room Humidity (Start): 20%
 Minutes out of Conditioning: 10

PRODUCT: SU STOOL - RECYCLED POLYETHYLENE

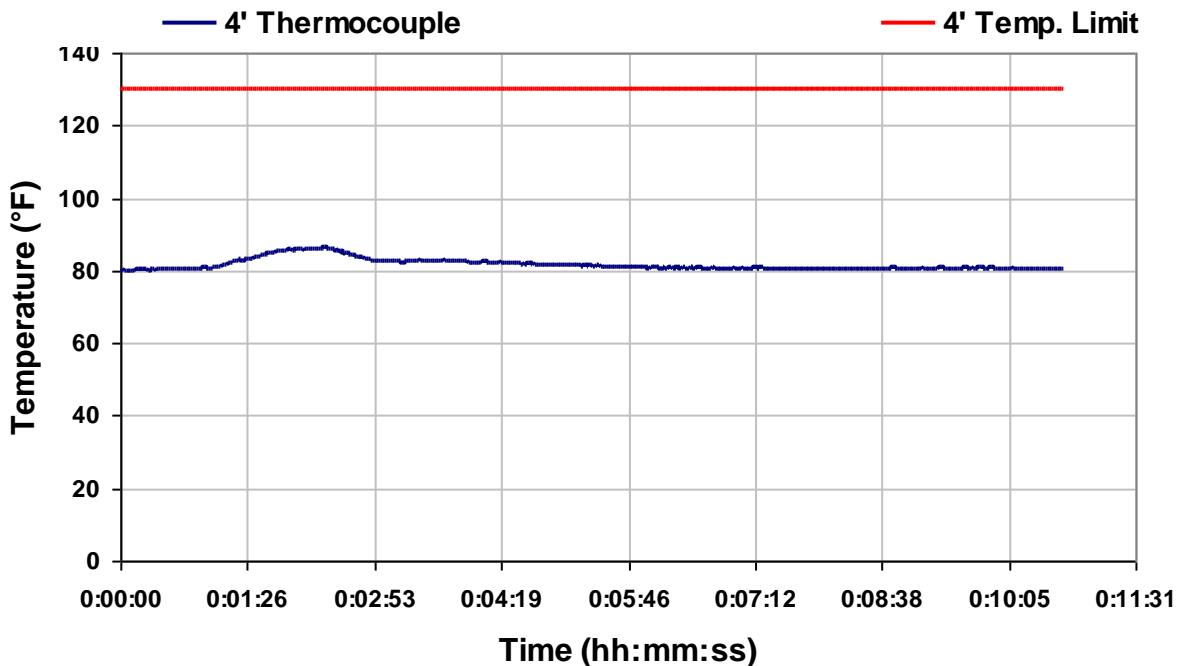
CRITERIA	LIMIT	VALUE	PASS/FAIL
Flame Out (min:sec)	N/A	1:38	N/A
8' Temp. Increase (Maximum), °F	≤ 200°F	89.4 °F	Pass
4' Temp. Increase (Maximum), °F	≤ 50°F	6.2 °F	Pass
4' Smoke Opacity (Maximum), %	≤ 75 %	2 %	Pass
CO Concentration (Maximum), ppm	N/A	19 ppm	N/A
Time CO Is Greater Than 1000ppm (min:sec)	< 5:00	0:00	Pass
Maximum Rate of Heat Release	≤ 80 kW	17 kW	Pass
Total Heat Energy in First 10 Min.	≤ 25 MJ	0.8 MJ	Pass
Pre-Test Weight	N/A	9.0 lbs	N/A
Weight Loss at 10 Minutes	≤ 3 lbs	0.0 lbs	Pass
Post-Test Weight	N/A	9.0 lbs	N/A

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

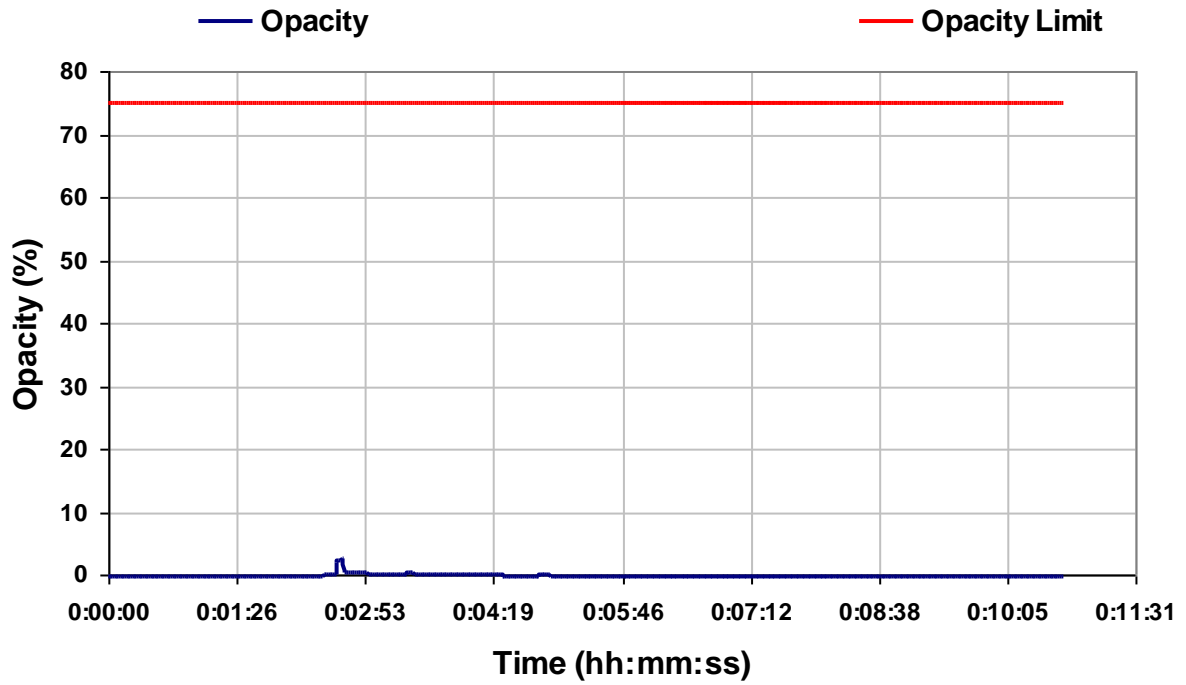
8' Thermocouple Temperature



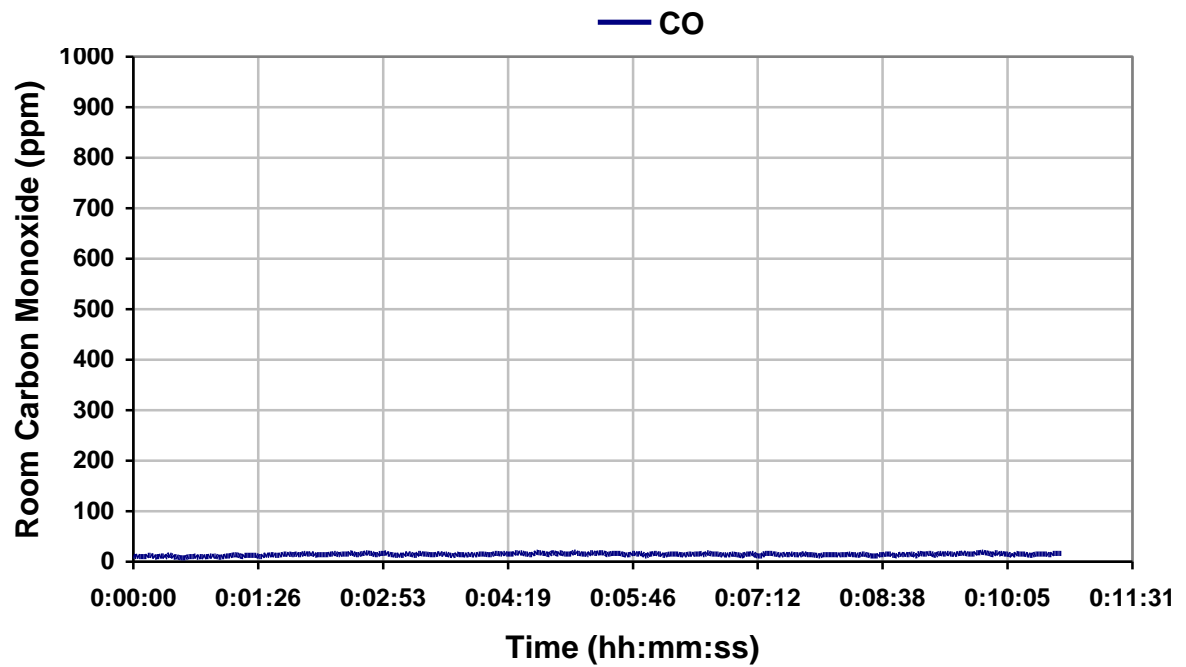
4' Thermocouple Temperature



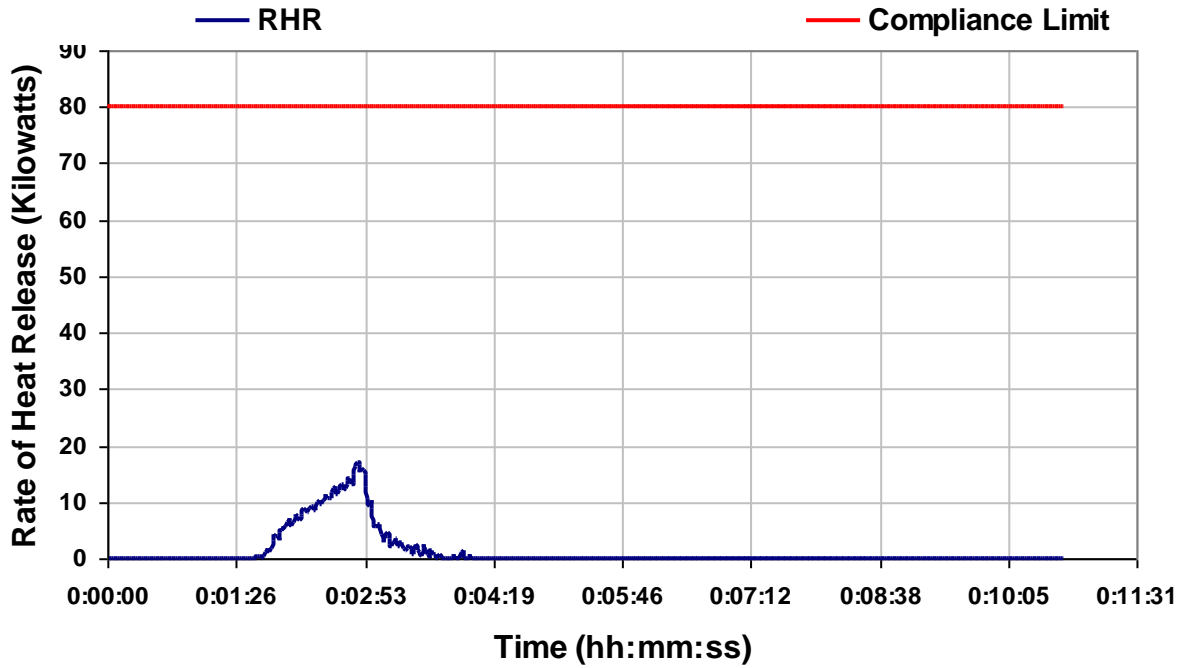
Opacity



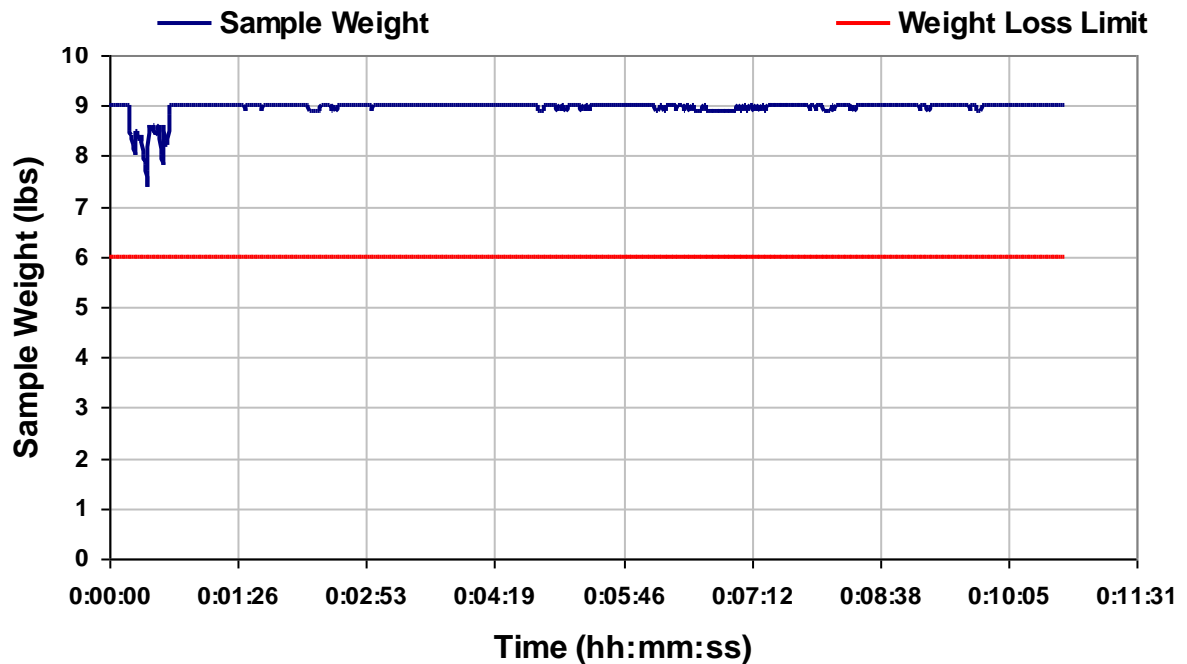
Room Carbon Monoxide



Rate of Heat Release



Sample Weight (scale reading)





SU STOOL - RECYCLED POLYETHYLENE - Pre-Test Setup



SU STOOL - RECYCLED POLYETHYLENE - Post-Test

SECTION 4

REVISIONS MADE TO TEST REPORT

DATE	REVISION DESCRIPTION	REVISED BY	REVISED BY
11-Mar-2019	Initial release.	Eric Frees	