

PINEAPPLE CONTRACTS UNLIMITED TEST REPORT

SCOPE OF WORK

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

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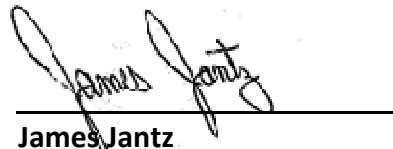
SECTION 1

CLIENT INFORMATION

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Date: 03-Aug-17

SECTION 2

SUMMARY AND CONCLUSION

Date Received: 27-Jul-17
 Dates Tested: 01-Aug-17

DESCRIPTION OF SAMPLES (PER PINEAPPLE CONTRACTS UNLIMITED)

Product: Ryno Dining Chair
 Model Number: N/A
 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-00806895

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
138051.18	OXYGEN ANALYZER	03/06/2017	03/06/2018
138245	SCALE	07/30/2016	07/30/2017
138051.33	FLOW METER 0-14 SLM PROPANE	11/09/2016	11/09/2017
138181	DPI DIFFERENTIAL PRESSURE TRANSDUCER	09/27/2016	09/27/2017
138327	GRADUATED RULE 36"	10/11/2017	10/11/2018
138412	STOPWATCH	03/14/2017	03/14/2018
138406	TEMP/HUMIDITY PROBE	09/28/2016	09/28/2017
138051.9	SMOKE DENSITY MONITOR 0-100%	VBU	VBU

Date: 03-Aug-17

SECTION 3**CALIFORNIA TB-133 – FLAMMABILITY TEST PROCEDURE FOR SEATING FURNITURE FOR USE IN PUBLIC OCCUPANCIES**

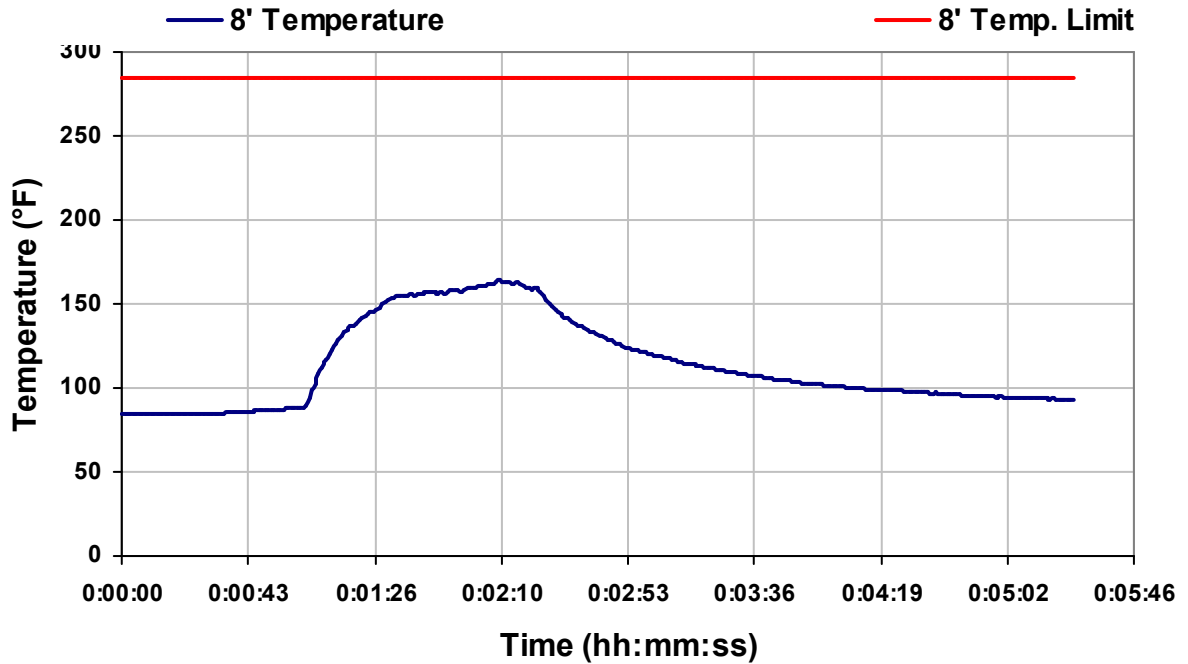
Date Received: 27-Jul-17
 Date Tested: 01-Aug-17
 Location Tested: Intertek Kentwood, MI
 Room Temperature (Start): 75°F
 Room Humidity (Start): 55%
 Minutes out of Conditioning: 5.0

PRODUCT: RYNO DINING CHAIR

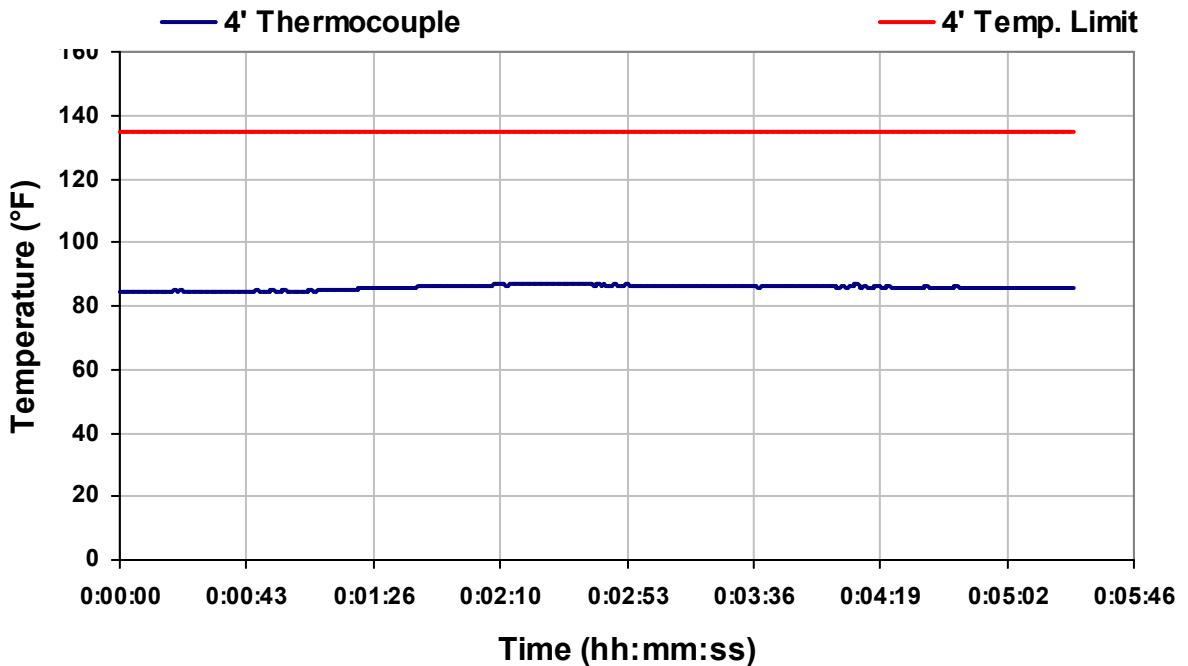
CRITERIA	LIMIT	VALUE	PASS/FAIL
Flame Out (min:sec)	N/A	1:45	N/A
8' Temp. Increase (Maximum), °F	≤ 200°F	79.4°F	Pass
4' Temp. Increase (Maximum), °F	≤ 50°F	2.6°F	Pass
4' Smoke Opacity (Maximum), %	≤ 75 %	14%	Pass
CO Concentration (Maximum), ppm	N/A	29ppm	N/A
Time CO Is Greater Than 1000ppm (min:sec)	< 5:00	0:00	Pass
Maximum Rate of Heat Release	≤ 80 kW	20 kW	Pass
Total Heat Energy in First 10 Min.	≤ 15 MJ	1.7 MJ	Pass
Pre-Test Weight	N/A	127.80 lbs	N/A
Weight Loss at 10 Minutes	≤ 3 lbs	0.00 lbs	Pass
Post-Test Weight	N/A	127.80 lbs	N/A

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

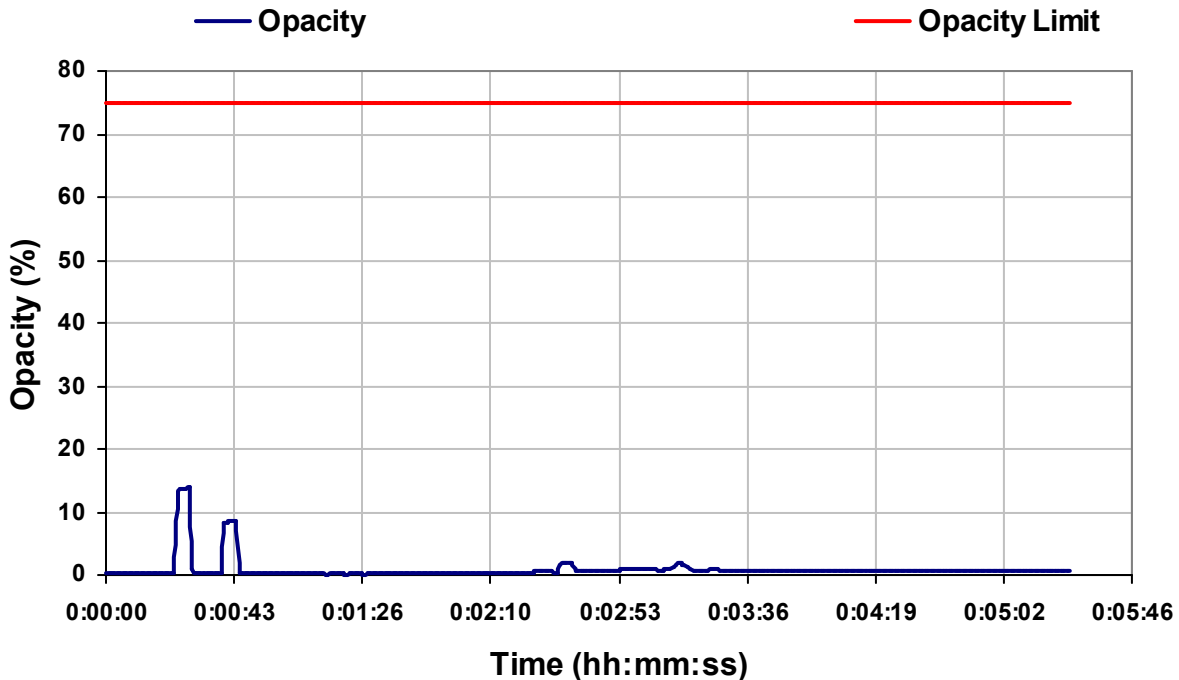
8' Thermocouple Temperature



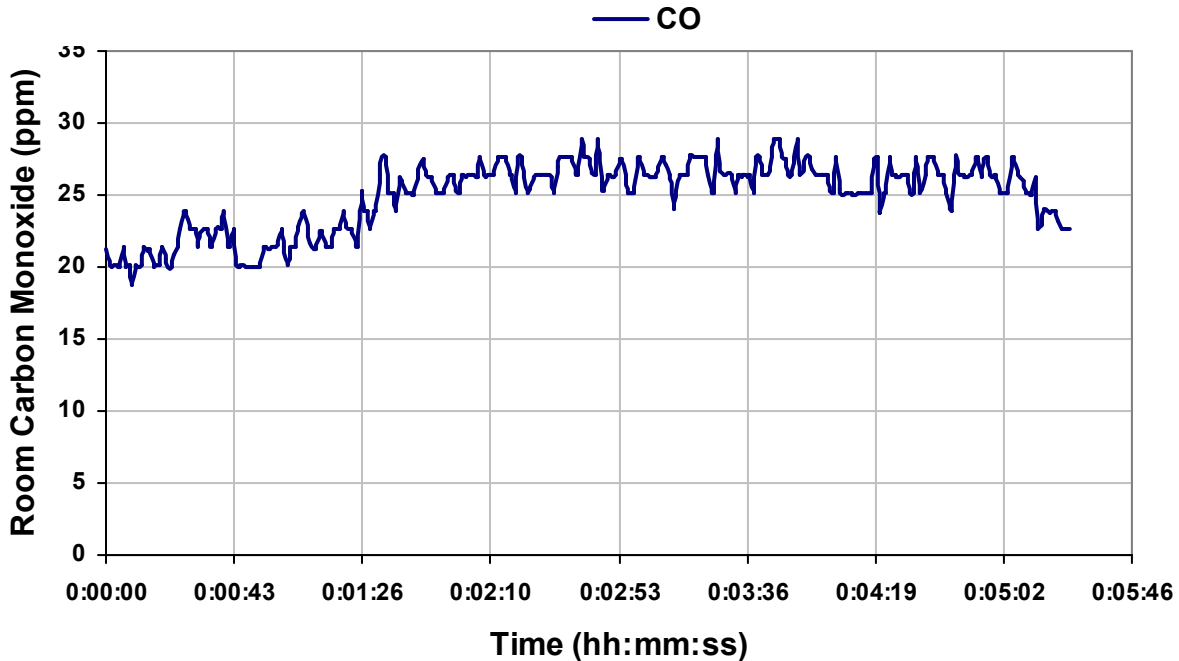
4' Thermocouple Temperature



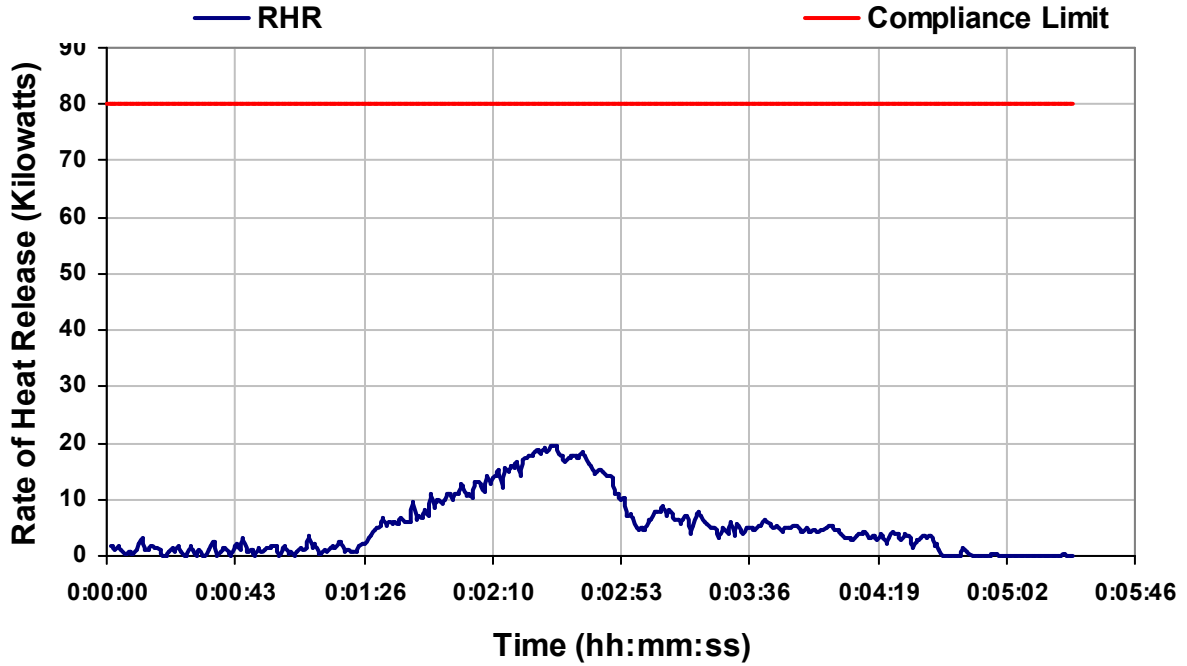
Opacity



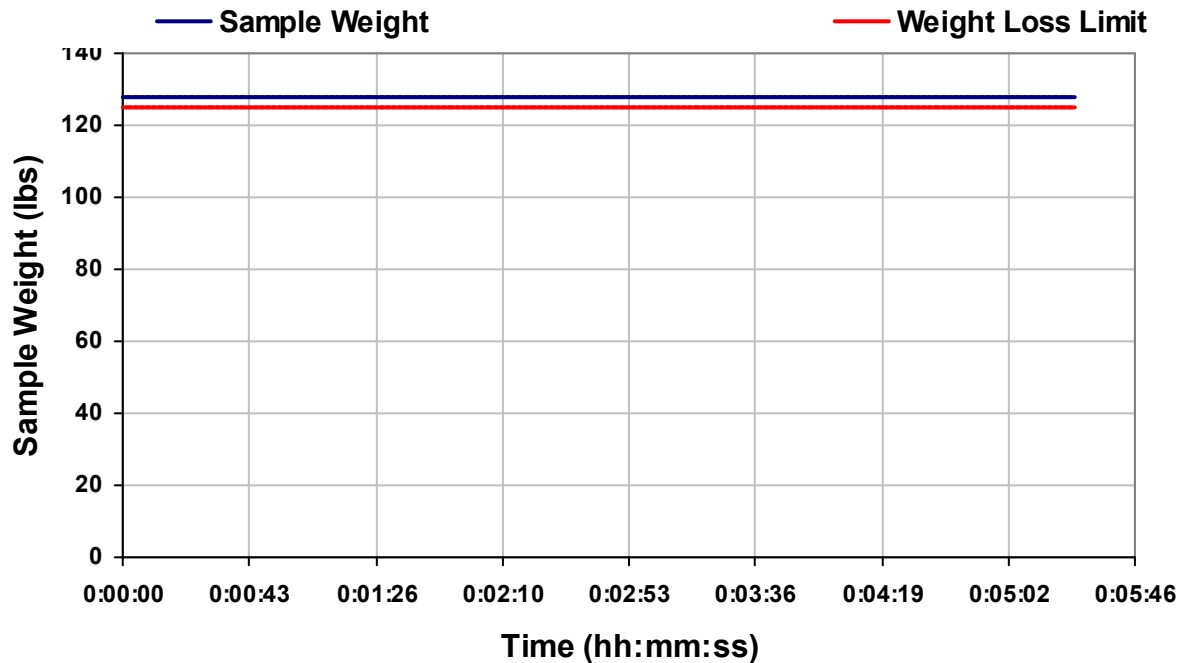
Room Carbon Monoxide



Rate of Heat Release



Sample Weight (scale reading)





RYNO DINING CHAIR - Pre-Test Setup



RYNO DINING CHAIR - Post-Test

Date: 03-Aug-17

SECTION 4

REVISIONS MADE TO TEST REPORT

DATE	REVISION DESCRIPTION	REVISED BY	REVISED BY
03-Aug-17	Initial release.	Eric Frees	