

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

07-Nov-2017

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

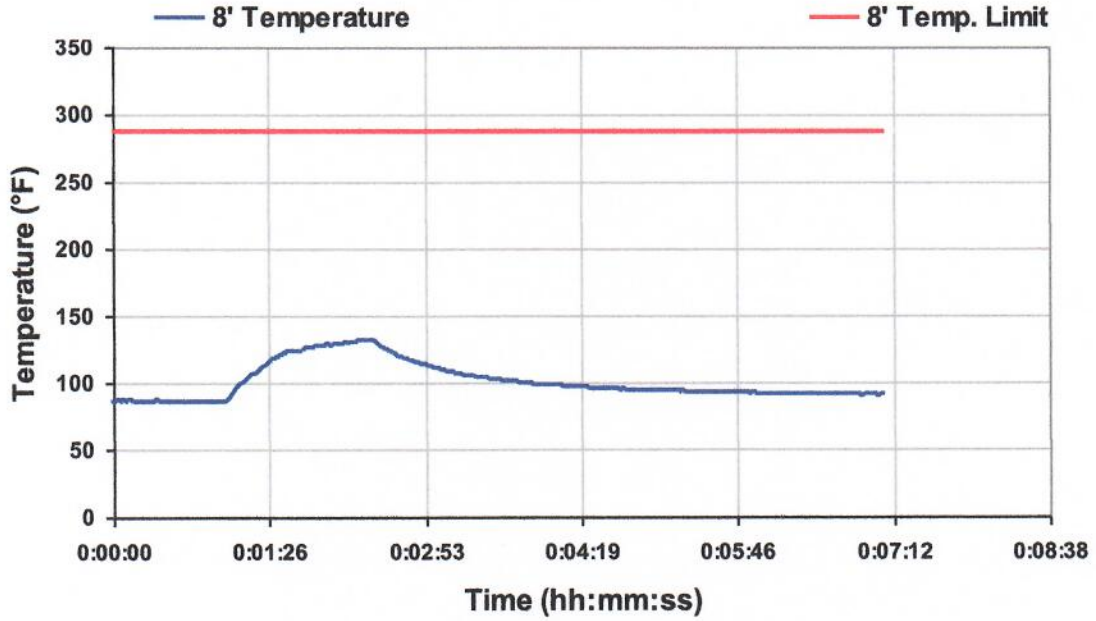
Date Received: 23-Oct-2017
 Date Tested: 25-Oct-2017
 Location Tested: Intertek Kentwood, MI
 Room Temperature (Start): 69°F
 Room Humidity (Start): 36%
 Minutes out of Conditioning: 5.0

PRODUCT: THE Q DESK

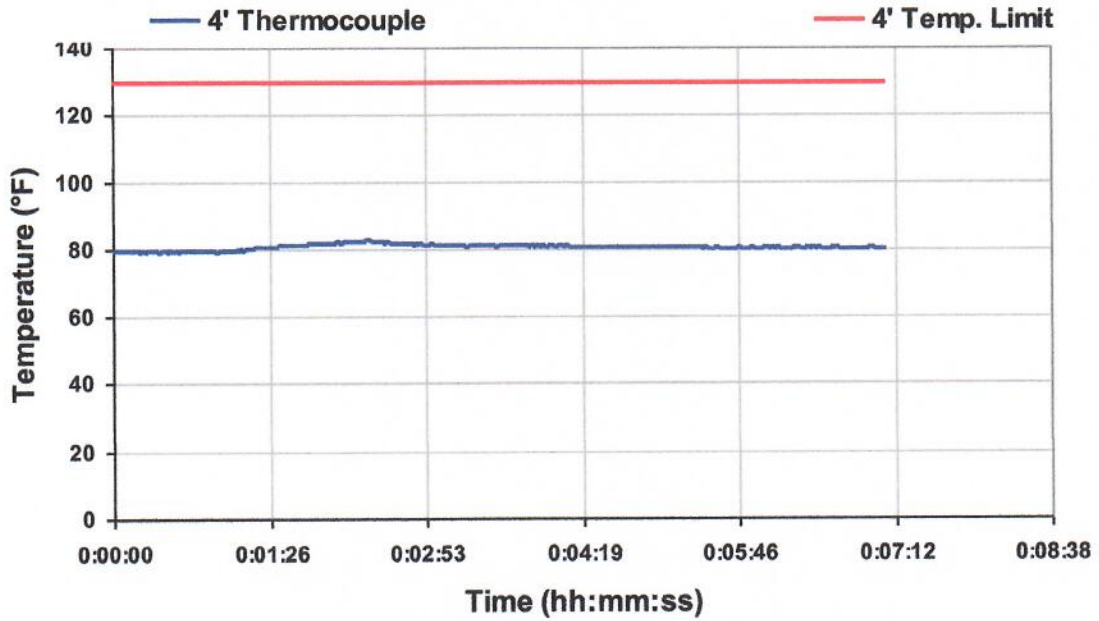
| CRITERIA | LIMIT | VALUE | PASS/FAIL |
|---|---------|-----------|-----------|
| Flame Out (min:sec) | N/A | 2:00 | N/A |
| 8' Temp. Increase (Maximum), °F | ≤ 200°F | 45.4 °F | Pass |
| 4' Temp. Increase (Maximum), °F | ≤ 50°F | 3.1 °F | Pass |
| 4' Smoke Opacity (Maximum), % | ≤ 75 % | 16 % | Pass |
| 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.

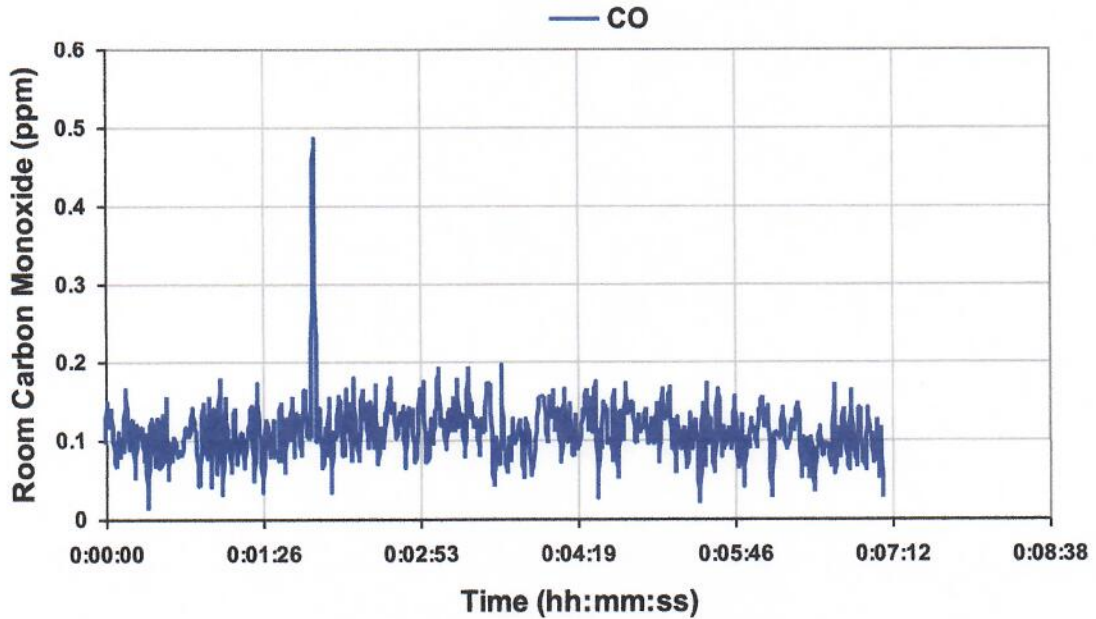
8' Thermocouple Temperature



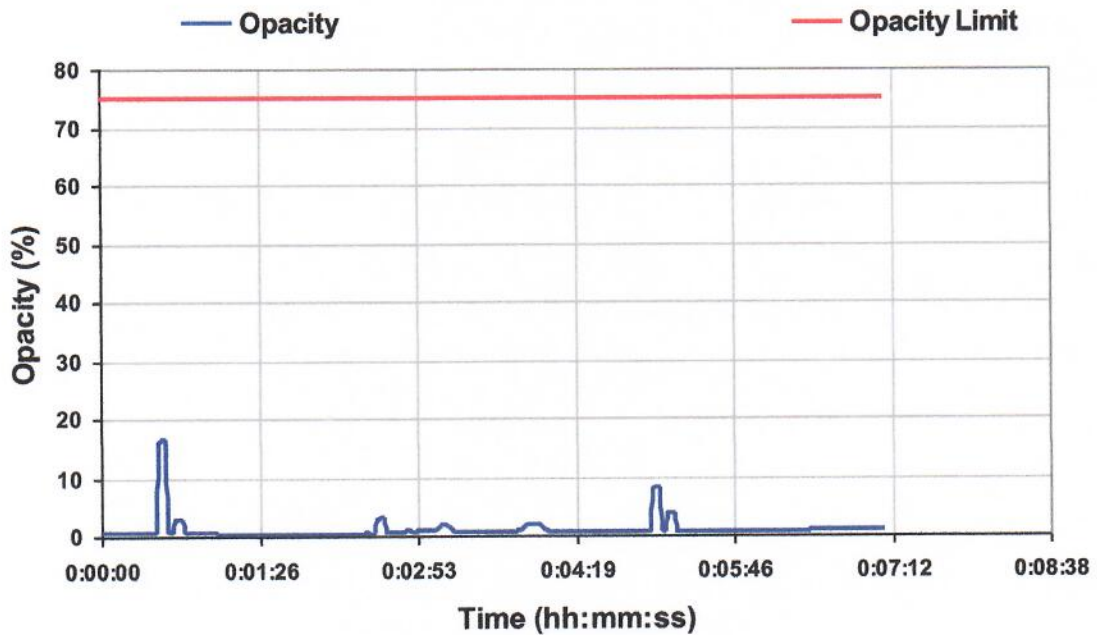
4' Thermocouple Temperature



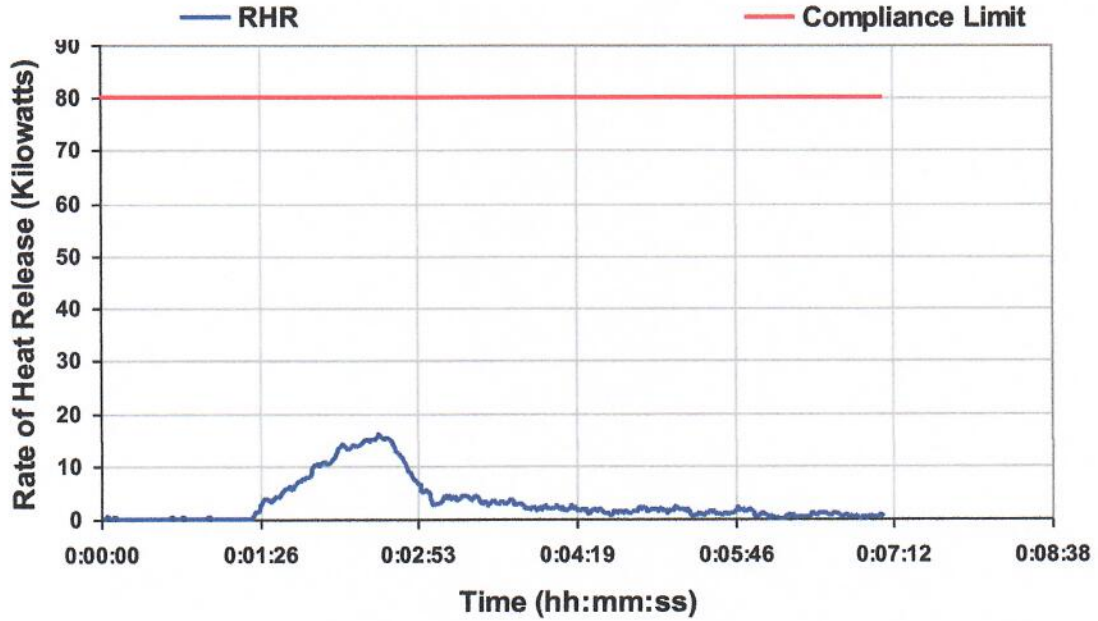
Room Carbon Monoxide



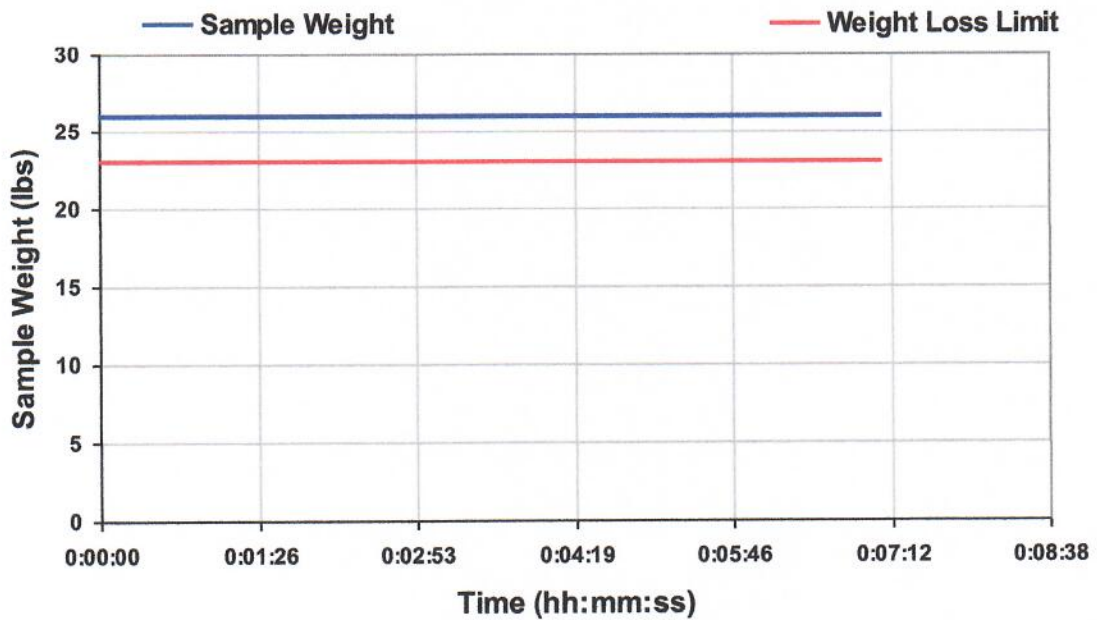
Opacity



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 |  |
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