

**CLIENT: NOVA USA WOOD PRODUCTS**

1022 NW Marshall Street  
Portland, OR. 97209  
Steve Getsiv

<b>Test Report No: RJ1382-1</b>	<b>Date: June 1, 2011</b>
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**SAMPLE ID:** Test samples were identified as Batu Tropical Hardwood Exterior Decking.

**SAMPLING DETAIL:** Test samples were submitted to the laboratory directly by the client. No special sampling conditions or sample preparation were observed by QAI.

**DATE OF RECEIPT:** Samples were received at QAI on May 26, 2011.

**TESTING PERIOD:** June 1, 2011.

**AUTHORIZATION:** Testing authorized by Steve Getsiv.

**TEST REQUESTED:** Perform standard flame spread and smoke density developed classification tests on the sample supplied by the Client in accordance with ASTM Designation E84-10, "Standard Method of Test for Surface Burning Characteristics of Building Materials". The foregoing test procedure is comparable to UL 723, ANSI/NFPA No. 255, and UBC No. 8-1.

<b>TEST RESULTS:</b>	<b><u>Flame Spread</u></b>	<b><u>Smoke Developed</u></b>
	25	65

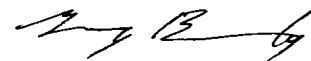
Detailed test results are presented in the subsequent pages of this report

**Prepared By**



Brian Ortega  
Test Technician

**Signed for and on behalf of  
QAI Laboratories, Inc.**



Greg Banasky  
Senior Test Technician



**PREPARATION AND CONDITIONING:** The sample material was submitted in sufficient quantities, conforming to test chamber dimensions. The sample was supported during testing by 1/4" round metal rods placed at 24" intervals across the width of the chamber.

**E 84 TEST DATA SHEET:**

**CLIENT:** NOVA USA WOOD PRODUCTS **DATE:** 06/01/11

**SAMPLE:** BATU-Tropical Hardwood Exterior Decking.

**FLAME SPREAD:**

**IGNITION:** 1 minute, 29 seconds.

**FLAME FRONT:** 9 feet maximum

**TIME TO MAXIMUM SPREAD:** 9 minutes, 02 seconds

**TEST DURATION:** 10 minutes.

**CALCULATION:** 52.71 X 0.515=27.14

**SUMMARY:** **FLAME SPREAD: 25** **SMOKE DEVELOPED: 65**

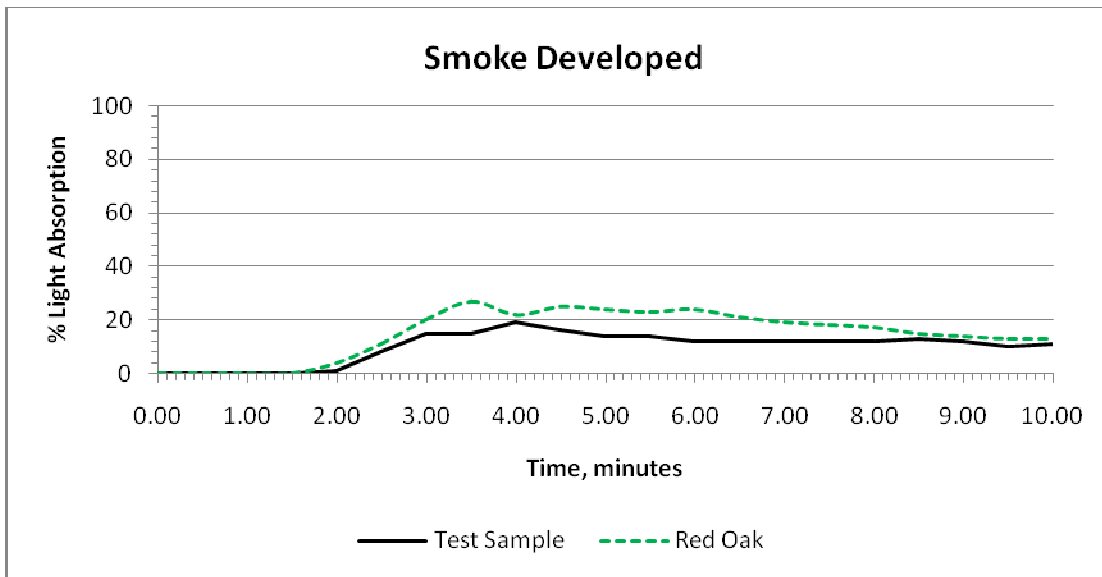
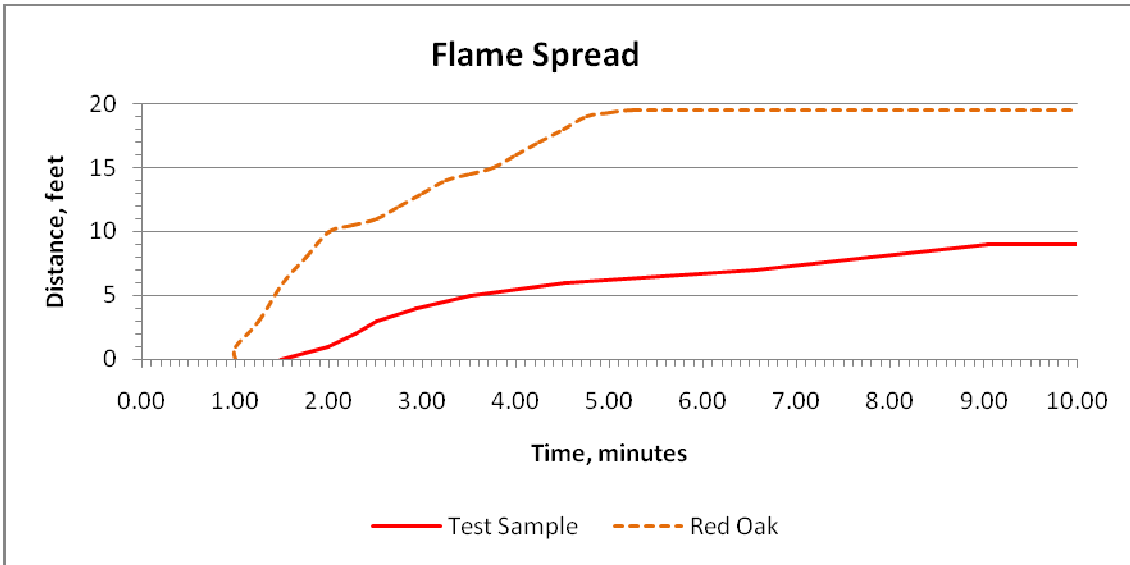
Because of the possible variations in reproducibility, the results are adjusted to the nearest figure divisible by 5. Smoke Density values over 200 are rounded to the nearest figure divisible by 50.

In order to obtain the Flame Spread Classification, the above results should be compared to the following table:

<b>NFPA CLASS</b>	<b>IBC CLASS</b>	<b>FLAME SPREAD</b>	<b>SMOKE DEVELOPED</b>
A	A	0 through 25	Less than or equal to 450
B	B	26 through 75	Less than or equal to 450
C	C	76 through 200	Less than or equal to 450

**BUILDING CODES CITED:**

1. National Fire Protection Association, ANSI/NFPA No. 101, "Life Safety Code", 2006 Edition.
2. International Building Code, 2006 Edition, Chapter 8, Interior Finishes, Section 803.



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