

**CLIENT: YORK WALLCOVERINGS**  
750 Linden Avenue  
York, PA 17404

<b>Test Report No: RJ3586-2</b>	<b>Date: October 30, 2014</b>
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**SAMPLE ID:** The sample material was identified by the client as: 20 oz. Printed & Embossed Osnaburg backed Vinyl Wallcovering (OH) adhered to cement board.

**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 October 20, 2014.

**TESTING PERIOD:** October 29, 2014

**AUTHORIZATION:** Testing authorized by Heather Schneider.

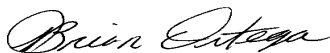
**TEST REQUESTED:** Perform standard flame spread and smoke density developed classification tests on the sample supplied by the Client in accordance with CAN/ULC S102.-10, "Method of Test for Surface Burning Characteristics of building Materials and assemblies".

**TEST RESULTS:**

<u><b>Flame Spread Rating</b></u>	<u><b>Smoke Developed Classification</b></u>
10	10

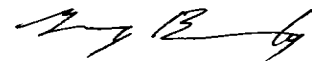
Detailed test results are presented in the subsequent pages of this report.

**Prepared By**



Brian Ortega  
Test Technician

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



Greg Banasky  
Senior Test Technician

**PREPARATION:** The sample material was cut into three pieces 24" wide by 8 feet long conforming to test chamber dimensions. The sample material was adhered to cement board with a clay based adhesive.

**SAMPLE CONDITIONING:** Prior to testing the test specimens were conditioned to a constant weight at a temperature of  $73.4 \pm 5^{\circ}$  F ( $23 \pm 2.8^{\circ}$  C) and a relative humidity of  $50 \pm 5$  %.

**CEMENT BOARD PLACEMENT:** The 1/4" cement boards were placed between the test specimen and the chamber lid.

<b>TEST RESULTS:</b>	<b><u>Flame Spread Values</u></b>	<b><u>Smoke Developed Values</u></b>	
	Test No. 1	11.19	6.58
	Test No. 2	12.88	8.63
	Test No. 3	<u>12.14</u>	<u>10.55</u>
	<b>Average</b>	<b>12.07</b>	<b>8.59</b>

**Rounded Average Flame Spread Rating (FSR): 10**

**Rounded Average Smoke Developed Classification (SDC): 10**

**CAN/ULC S102-10 TEST DATA SHEET:**

**CLIENT:** YORK WALLCOVERINGS.      **DATE:** 10/29/14

**SAMPLE:** 20 oz. Printed & Embossed Osnaburg backed Vinyl Wallcovering (OH) adhered to cement board,  
Test No 1

**FLAME SPREAD:**

**IGNITION:** 1 minute, 56 seconds

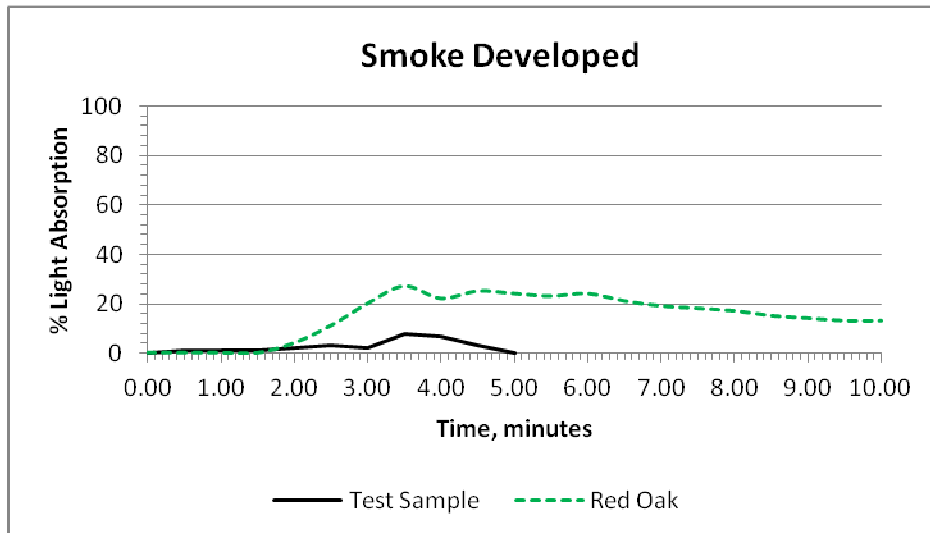
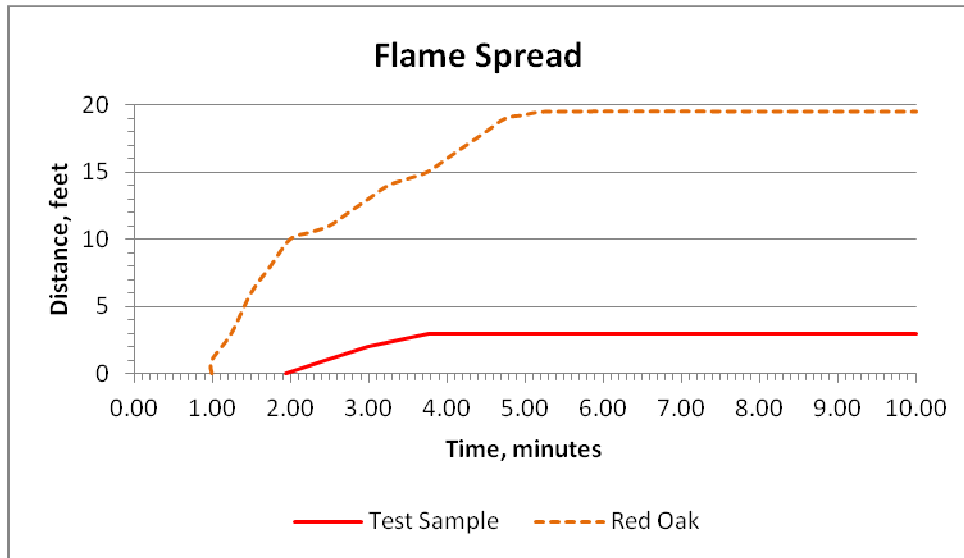
**FLAME FRONT:** 3 feet maximum

**TIME TO MAXIMUM SPREAD:** 3 minutes, 46 seconds

**TEST DURATION:** 5 minutes

**CALCULATION:**  $21.73 \times 0.515 = 11.19$

**SUMMARY: FLAME SPREAD:** 11.19      **SMOKE DEVELOPED:** 6.58



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**CAN/ULC S102-10 TEST DATA SHEET:**

**CLIENT:** YORK WALLCOVERINGS.      **DATE:** 10/29/14

**SAMPLE:** 20 oz. Printed & Embossed Osnaburg backed Vinyl Wallcovering (OH) adhered to cement board,  
Test No 2

**FLAME SPREAD:**

**IGNITION:** 1 minute, 1 second

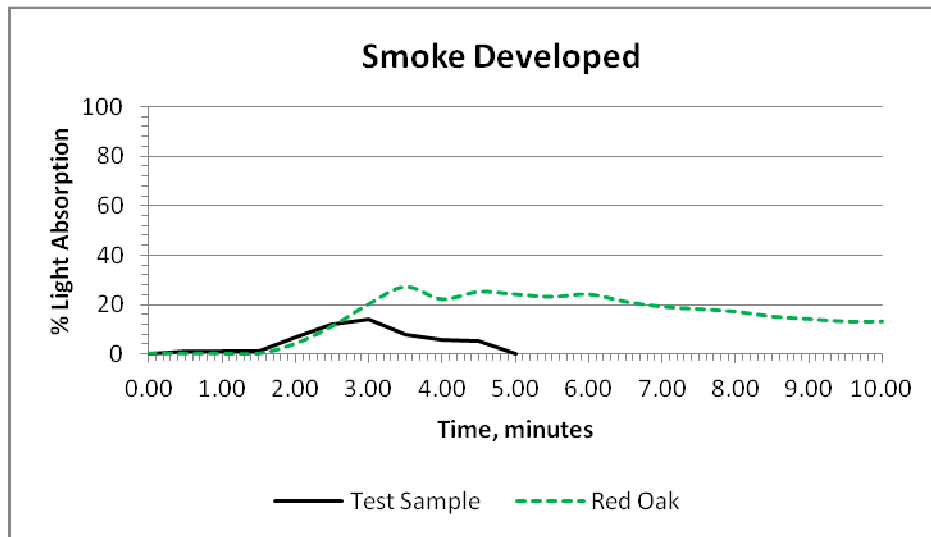
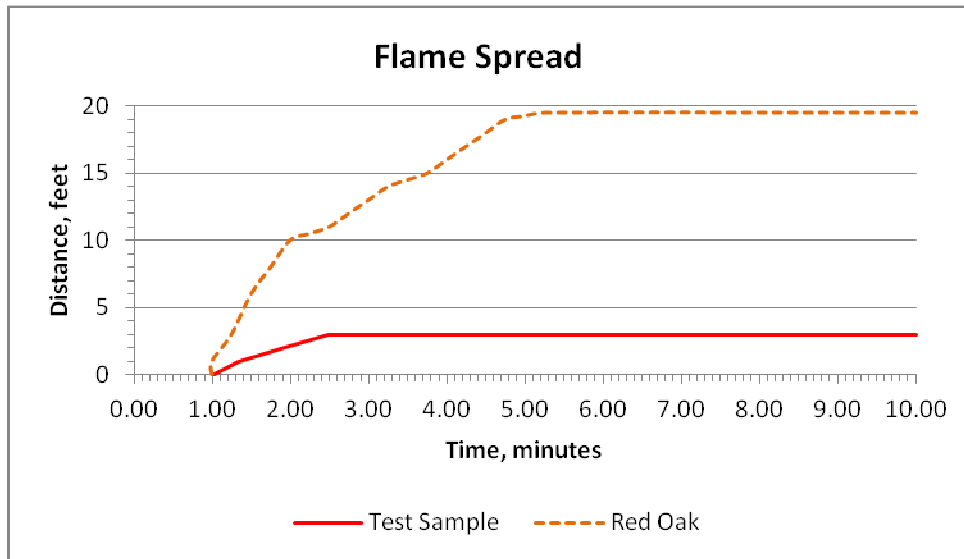
**FLAME FRONT:** 3 feet maximum

**TIME TO MAXIMUM SPREAD:** 2 minutes, 29 seconds

**TEST DURATION:** 5 minutes

**CALCULATION:** 25.00 x 0.515 = 12.88

**SUMMARY: FLAME SPREAD:** 12.88      **SMOKE DEVELOPED:** 8.63



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**CAN/ULC S102-10 TEST DATA SHEET:**

**CLIENT:** YORK WALLCOVERINGS.      **DATE:** 10/29/14

**SAMPLE:** 20 oz. Printed & Embossed Osaburg backed Vinyl Wallcovering (OH) adhered to cement board,  
Test No 3

**FLAME SPREAD:**

**IGNITION:** 1 minute, 34 seconds

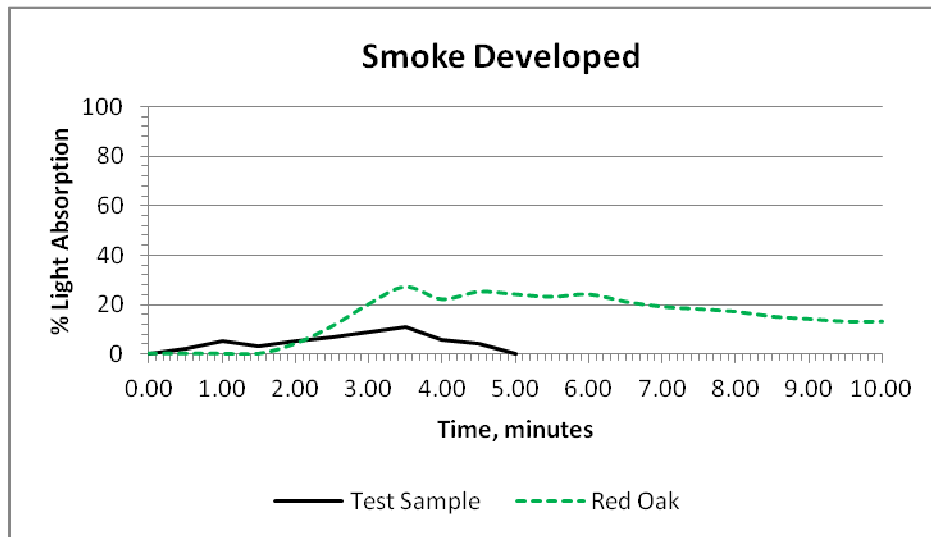
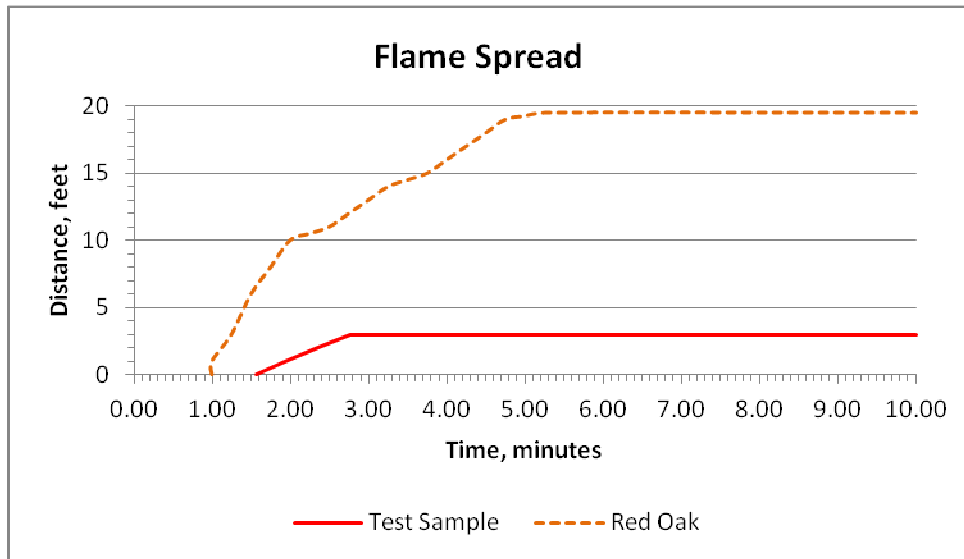
**FLAME FRONT:** 3 feet maximum

**TIME TO MAXIMUM SPREAD:** 2 minutes, 46 seconds

**TEST DURATION:** 5 minutes

**CALCULATION:** 23.57 x 0.515 = 12.14

**SUMMARY: FLAME SPREAD:** 12.14      **SMOKE DEVELOPED:** 10.55



**End of Report**