MR. STEVE GETSIV
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3428 NW YEON AVE
PORTLAND , OR 97210
US

June 11, 2013

Reference: File TC9540 Project 13CA21838

Subject: Surface Burning Characteristics of Batu Hardwood Decking

The following is a summary of the test results obtained on wood decking designated by NOVA PRODUCTS INC as "Batu Hardwood Decking" under Project 13CA21838. The testing was conducted at ULC's test facility in Toronto and completed on June 10, 2013.

The tests were conducted in general accordance with the Standard, CAN/ULC-S102.2-10, *Standard Method of Test for Surface Burning Characteristics of Flooring, Floor Coverings, and Miscellaneous Materials and Assemblies*, Seventh Edition.

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Underwriters Laboratories of Canada authorizes the above named company to reproduce this Report provided it is reproduced in its entirety. Underwriters Laboratories Canada did not witness the production of the test samples nor were we provided with information relative to the formulation or identification of component materials used in the test samples. The test results relate only to the items tested and may not apply to subsequently produced samples or assemblies.

The sole purpose of this investigation was to provide fire test data for the wood decking submitted and tested in general accordance with the requirements of CAN/ULC-S102.2-10. This data should not be considered representative of test results for other products in the absence of testing the product in accordance with CAN/ULC-S102.2-10.

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Very truly yours,

Beny Spensieri Jr

Beny Spensieri, Jr., BASc
Project Handler
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TEST METHOD:

The tests were conducted in general accordance with the Standard, CAN/ULC-S102.2-10, *Standard Method of Test for Surface Burning Characteristics of Flooring, Floor Coverings, and Miscellaneous Materials and Assemblies,* Seventh Edition.

The sample consisted of nine pieces of decking measuring 24 mm thick, 138 mm wide, and 2473 mm long. The pieces were laid side by side and end to end to form a sample 414 mm wide and 7419 mm long.

The test specimens were conditioned to constant mass at a temperature of 23 ± 3°C and at a relative humidity of 50 ± 5 percent prior to testing.

The test specimens were laid on the floor of the tunnel furnace. A 350 mm long by 560 mm wide by 1.6 mm thick, uncoated, steel plate was placed on the specimen mounting ledge at the fire end of the tunnel furnace "upstream" from the gas burners to complete the 7620 mm chamber length. An airtight water seal was maintained around the furnace lid during the test.

RESULTS

A summary of test results is tabulated below. Graphical plots of flame spread and light transmission data are attached. The test results relate only to the actual samples tested.

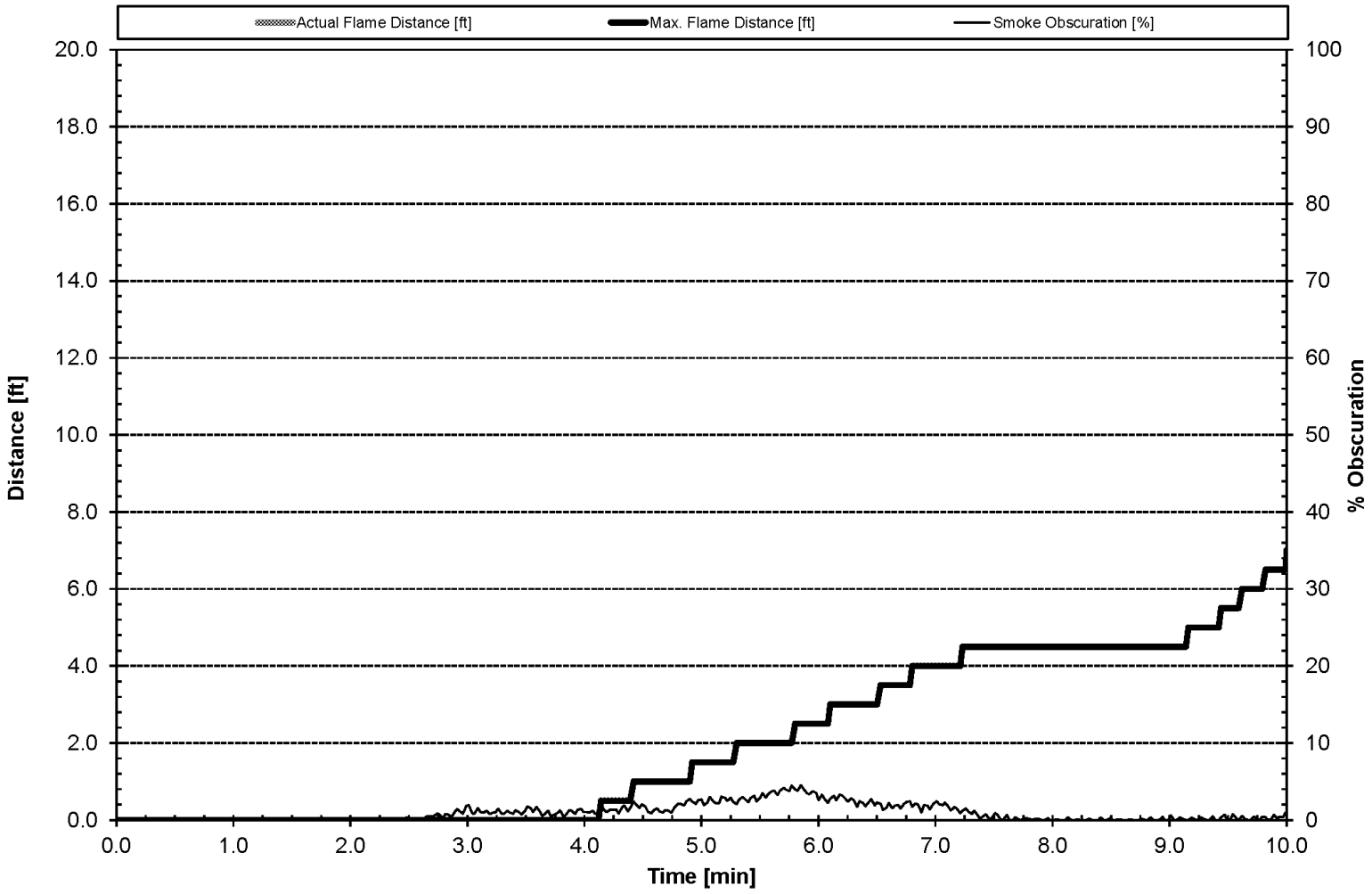
Test No.	Sample Description	Calculated Values	
		Flame Spread Value (FSV)	Smoke Developed Value (SDV)
1	Batu Hardwood Decking	11.6	5.3
2	Batu Hardwood Decking	10.5	1.5
3	Batu Hardwood Decking	11.0	5.4

The surface burning characteristics of the "Batu Hardwood Decking" described herein warrants the assignment of the following rating or classification in comparison to untreated red oak as 100 and inorganic reinforced cement board as 0.

Material Details	Rating or Classification	
	Flame Spread Rating (FSR)	Smoke Developed Classification (SDC)
Batu Hardwood Decking	10	5

SURFACE BURNING CHARACTERISTICS
NOVA PRODUCTS INC
Batu Hardwood Decking

Test #1: FSV = 11.6; SDV = 5.3 **CAN/ULC-S102.2-10**



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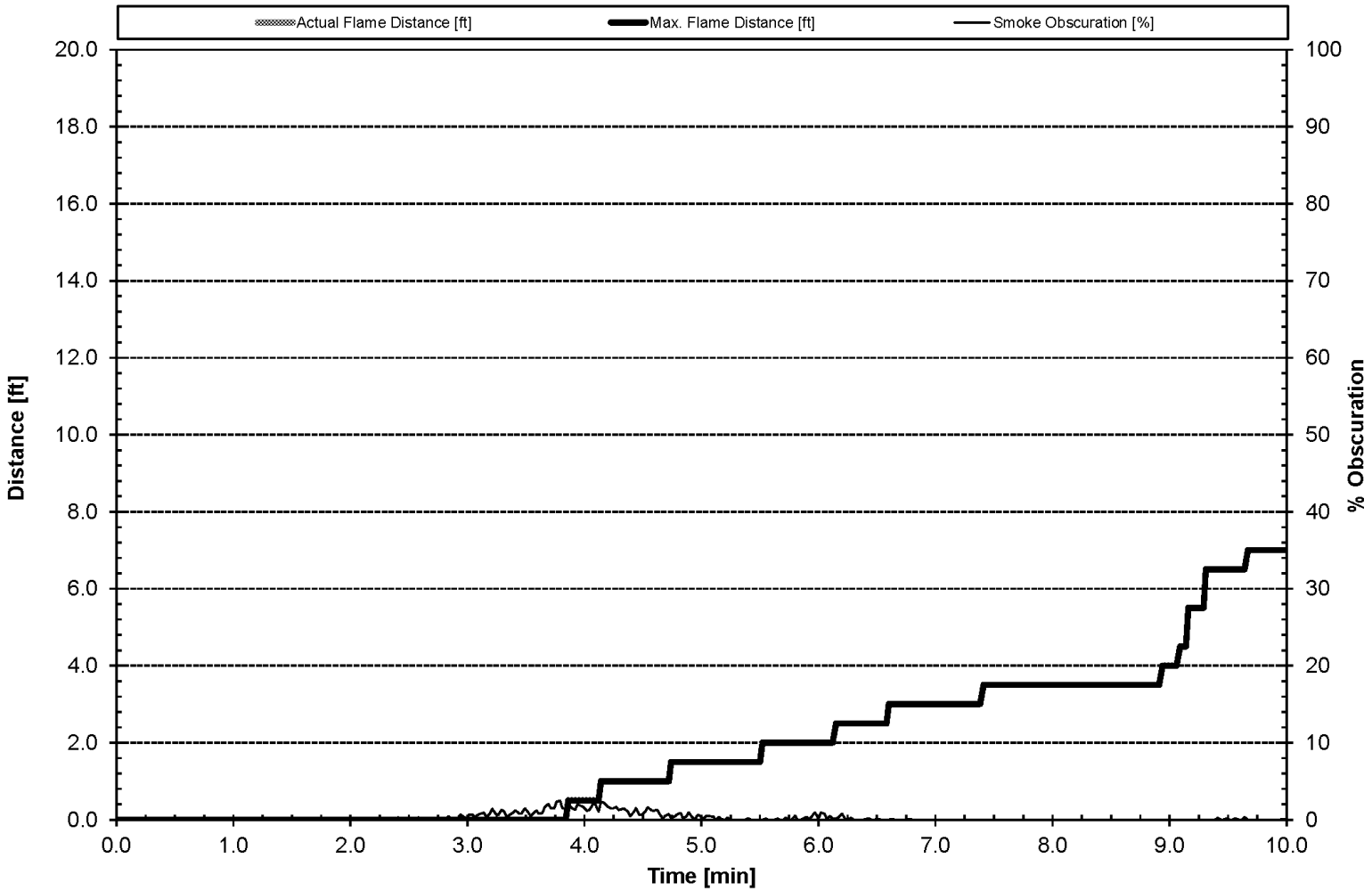
SURFACE BURNING CHARACTERISTICS
NOVA PRODUCTS INC
Batu Hardwood Decking

Test #2: FSV = 10.5; SDV = 1.5 **CAN/ULC-S102.2-10**



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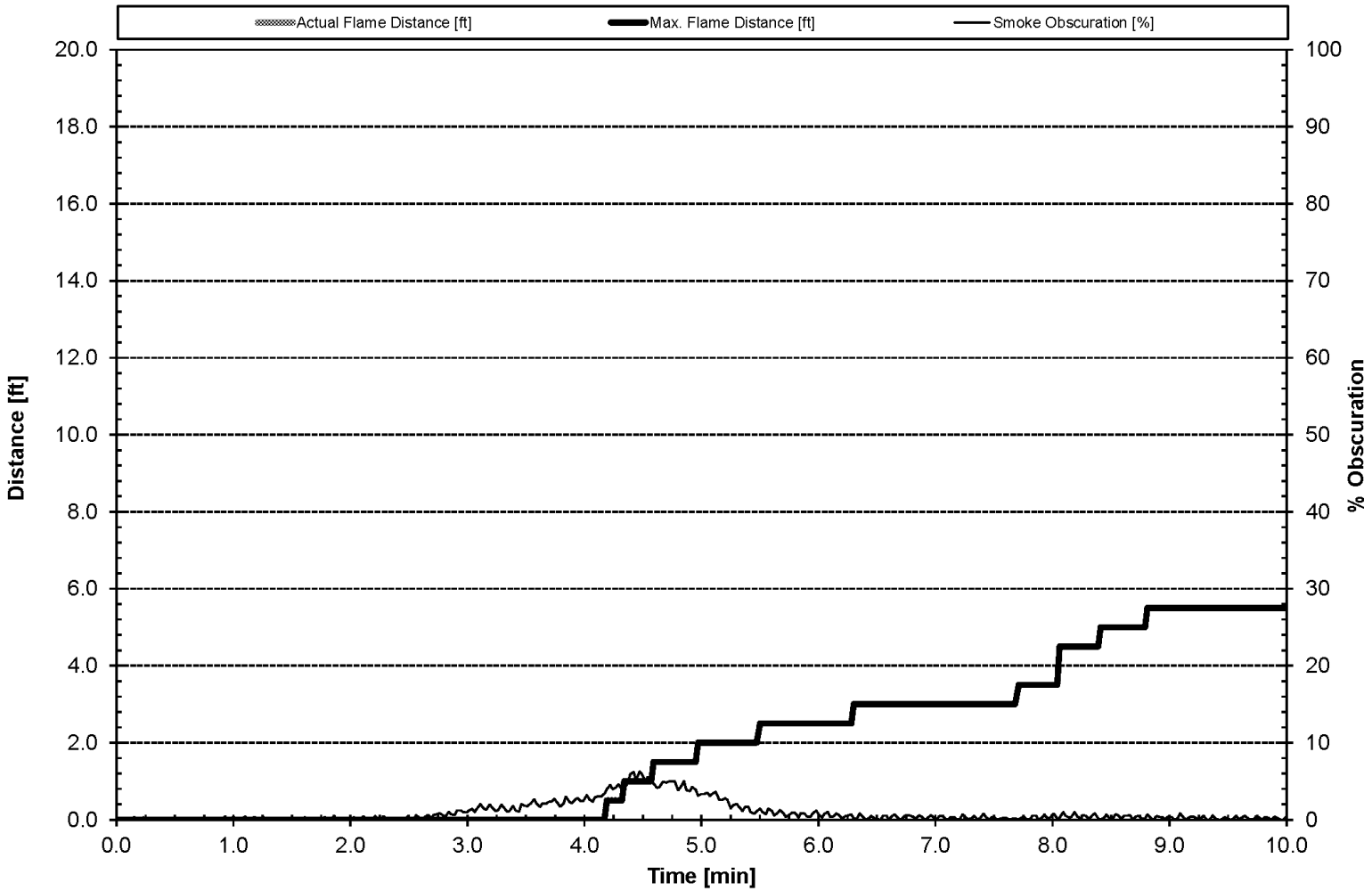
SURFACE BURNING CHARACTERISTICS
NOVA PRODUCTS INC
Batu Hardwood Decking

Test #3: FSV = 11; SDV = 5.4 **CAN/ULC-S102.2-10**



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