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TESTING CONDUCTED ON BEHALF OF THE NAMED CLIENT BELOW:

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REPORT INFORMATION:

Report Date:	November 10, 2017
BMI Client/Project Number:	0721590
Report of:	Finished Good Sample Prep per CARB SOP
BMI Lab Report Number:	0721590-9
Sample ID Number(s):	2017-2758

ASTM D6007-02 Standard Test Method for Determining Formaldehyde Concentration in Air from Wood Products Using a Small Scale Chamber
NIOSH 3500: Formaldehyde by VIS (Chromotropic Acid procedure)
Face-to-Face Configuration (Back Exposed)

CHAMBER TEST CONDITIONS/PARAMETERS

Product Type:	Medium Density Fiberboard (MDF)					
Chamber Load Ratio (m^2/m^3)**:**	0.26					
Chamber Dimensions (m)**:**	0.49 x 0.49 x 0.49 (Nominal)					
Chamber Volume (m^3)**:**	0.12m^3					
Air Exchange Rate:	0.5 +/- 0.05 air changes per hour					
Chamber Q/A Ratio (+/- 2%)**:**	1.905					
No. Specimens in Charge:	1					
No. Faces Exposed:	2					
Barometric Pressure (in Hg)**:**	29.3					
Temperature (^oC)**:**	**Avg:**	24.8	**Min:**	24.7	**Max:**	24.9
Relative Humidity (%)**:**	**Avg:**	50	**Min:**	49	**Max:**	50
Length of Test (minutes)**:**	30					

PRODUCT AND SAMPLE DATA

Product Name/Description:	Water Resistant Laminate Product Code: 405		
Panel Manufacturer:	Not Specified	**Production Date:**	10/22/2017
Supplier: (if different than panel mfr)	CFL Flooring (China) Co., Ltd	**Sample Collection Date:**	10/23/2017
Nominal Product Thickness:	12 mm	**Sample Test Date:**	11/8/2017
Nominal Product Dimensions (L x W):	N/S N/S	**Sample Wrapping Method:**	Wrapped Together in Vapor Retarder
Face Surface Condition:	Deconstructed FG	**Back Surface Condition:**	Deconstructed FG
Lot/Batch No.:	N/S	**Resin Type/Supplier:**	N/S

TEST RESULTS

	Impinger
Observed Air Flow Rate (Observed L/min)**:**	1.00
Corrected Volume of Air Sample (Liters)**:**	30.00
Raw Absorbance Values	
Absorbance #1	0.016
Absorbance #2	0.015
Absorbance #3	0.018
Average Absorbance:	0.016
Unadjusted Concentration (ppm)**:**	0.04
Temperature Correction Factor 25^oC:	1.02
Relative Humidity Correction Factor 50% R.H.:	1.00
Standardized Concentration (ppm)**:****	0.04

****BLQ = Test result is below the limit of quantification (<0.015 ppm)**

DECONSTRUCTED THICKNESS (inches)**:**

As Received:	0.474	**- Face:**	N/A	**- Back:**	0.457

*Unless otherwise noted in "Other Comments", sample "deconstructed" per ARB finished goods sample preparation procedures.

TEST ANNOTATIONS

1) The test chamber is activated under positive pressure. The air sampling rate was 1.0 liters per minute (L/min) for 30 +/- 2 minutes.
2) The samples were conditioned for seven (7) days prior to testing. The sample conditioning environment was maintained at 75 +/- 5^oF (24 +/- 3^oC) and 50% +/- 5% relative humidity.
3) During conditioning and test, the background concentration of formaldehyde in air was 0.01 ppm or less.

OTHER COMMENTS

Not Applicable

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Respectfully Submitted,

Laboratory Manager
Benchmark Holdings, LLC (BMH)
Benchmark International, LLC (BMI)

ACCREDITED
Testing Laboratory