



Shanghai Hongjun Science & Technology Co., Ltd

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Test Report No. : HJ-RD-17382A

Report Date: Wednesday, June 28, 2017

**ASTM D6007-02(2008)Standard Test Method for
Determining Formaldehyde Concentration in Air from Wood
Products Using a Small Scale Chamber
(Standard Face&Back)**

TEST REPORT

Applicant: Fuxing Wood Co.,Ltd

Add: N/A

Products Type: HWPW-VC(5mm)

Shanghai Hongjun Science & Technology Co.,Ltd is California Air Resources Board (CARB) approved as a

subcontractor testing laboratory for the



PFS Corporation—CARB TPC-3



ASTM D6007-02(2008)Small Chamber Testing of Panel Products
CARB Program Formaldehyde Emission Test

General

The PFS Corporation CARB Program China testing Lab, Shanghai Hongjun Science & Technology Co. Ltd, performed client requested formaldehyde emission test of panel products according to general guidelines of ASTM D6007-02(2008) , “ *Standard Test Method for Determining Formaldehyde Concentrations in Air from Wood Products Using a Small Scale Chamber.*”

Sample Information

The following sample information were supplied by applicant:

Manufacturer: N/A

Mfg. Add: N/A

Mfg. Date: N/A

Received Date: Jun 16 , 2017

Off-gas: No(per client request)

Sample Type: HWPW-VC

Lot No.: N/A

Sample Description: N/A

Test Specimen Data

The sampled were received individually wrapped and shipped. The samples remained sealed and stored in a room maintained at 50% RH, 70°F prior to testing. The formaldehyde background concentration in the air where the specimens were conditioned was documented at <0.01 ppm .

Test Method and Results

Prior to placing the test samples in the chamber, the chamber door was closed and the formaldehyde background concentration of air in the chamber was measured at <0.01 ppm. The samples were placed in the chamber with all edges sealed with aluminum tape. The chamber (volume = 6.92 cu ft) was maintained at 0.5 ACH for 150 minutes. The formaldehyde concentration of make-up air was measured at <0.01 ppm. After 120 minutes, air samples were drawn at a rate of one (1) L/minute for 30 minutes. Emission values were determined with spectrophotometer analysis. The ASTM D6007-02(2008)absorbance readings are corrected to an emission level at standard conditions (50% RH and 77 °F). The ASTM E1333-96 (Reapproved 2002) test result is based on correlation with the ASTM D6007-02(2008)corrected emission levels. Test data for each sample is provided below.

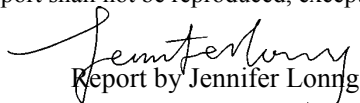
| Test Date | Sample ID | ASTM D6007 DATA | | | | | | | | ASTM E1333 | | |
|------------|-----------|--------------------------|-------------|-------------|-------------------|-------------|-------------------|-----------|-----------------------|------------------------------|------------------|------------|
| | | Sample Thickness (mm) | Sample Size | Edge Sealed | Chamber Q/L ratio | Ratio (m/h) | Bar Press (in.Hg) | Temp. (F) | Relative humidity (%) | Formaldehyde Emissions (ppm) | | |
| | | | | | | | | | | Corrected to Std. Cond. | Corrected Values | Conclusion |
| 06/21/2017 | 17382A | 5mm(5plies) | (1)3*7 in | Yes | 0.23 | 1.189 | 28.5 | 78.2 | 53.6 | 0.05 | 0.05 | Pass |


Note: The testing result should be effective only to the sample as shown in appendix picture.

The ASTM D6007-02(2008) test results meet the CARB 93120, Table1, Phase2 limitation of 0.05ppm for HWPW-VC.

TEST REPORT DUPLICATION

This test report shall not be reproduced, except in full, without the written approval.


Report by Jennifer Long
Lab Operator


Reviewed by Steven Lano
Authorized Signatory



Test Report Appendix---Sample Picture



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