

Test Report

No.: GZHL1703007502CB

Date: Mar 24, 2017

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ZHEJIANG JIANGSHAN LIREN WOOD INDUSTRY CO., LTD
ZHAOJIA SHANBAN, HECUN TOWN, JIANG SHAN

The following sample(s) was/were submitted and identified on behalf of the client as:

Sample Description : MDF
SGS Ref No. : CAN17-034810
Visit Number : Y4Q2
Job Number : JBGZ13B1023
Product Category : MDF
Product Model & Lot Number : 18mm 20161207/A18HE-1053
Test Performed : Selected test(s) as requested by applicant
Sample Receiving Date : Mar 08, 2017
Test Performing Date : Mar 08, 2017 to Mar 22, 2017
Test Result(s) : For further details, please refer to the following page(s)

Test Requested	Result
As per client's request, evaluation of formaldehyde emission level according to Final Regulation Order – Airborne Toxic Control Measure to Reduce Formaldehyde Emissions from Composite Wood Product (CARB ATCM), title 17, California Code of Regulation, section 93120.2 (a) and Table 1.	PASS the phase 2 formaldehyde emission level as specified in CARB ATCM section 93120.2(a) and Table 1

Remark : 1) The scope of CARB ATCM is applicable for composite wood, but not for other wood products
2) Formaldehyde emission test is one of the conformity criteria under CARB ATCM. Full conformity of a composite wood product happens provided that this composite wood fulfill all the requirement as stated in CARB ATCM title 17 section 93120 to 93120.12.

Signed for and on behalf of
Guangzhou Branch
SGS-CSTC Ltd.



Yan Lau
Approved Signatory



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Guangzhou Branch Testing Center Headlines

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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	CAN17-034810.001	Brown MDF

Remarks :

- (1) 1 mg/kg = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) "-" = Not Regulated

Product Type Test of Formaldehyde Emission

Test Method : With reference to ASTM D6007-02(2008), analysis was performed by UV-Vis.

Test Item(s)	Unit	MDL	001
Formaldehyde Emission of Trial 1	ppm	0.01	0.11
Formaldehyde Emission of Trial 2	ppm	0.01	0.11
Formaldehyde Emission of Trial 3	ppm	0.01	0.11
Formaldehyde Emission of Average	ppm	0.01	0.11

Notes :

1. ppm = parts of formaldehyde per million parts air
2. ND = Not Detected
3. MDL = Method Detection Limit
4. The scope of CARB ATCM is applicable for composite wood, but not for other wood products.
5. Formaldehyde emission test is one of the conformity criteria under CARB ATCM. Full conformity of a composite wood product happens provided that this composite wood fulfill all the requirement as stated in CARB ATCM title 17 section 93120 to 93120.12.
6. Maximum Permissible Limit according to Section 93120.2, Title 17, California Code of Regulation:



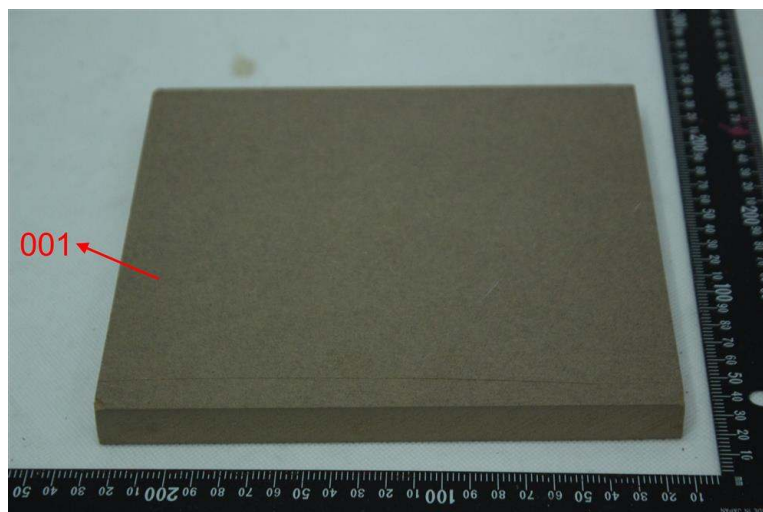
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Table 1: Phase 1 and Phase 2 Formaldehyde Emission Standards for Hardwood Plywood(HWPW), Particleboard(PB), and Medium Density Fiberboard(MDF)					
Effective Date	Phase 1(P1) and Phase 2(P2) Emission Standards(ppm)				
	HWPW-VC	HWPW-CC	PB	MDF	Thin MDF
1-1-2009	P1:0.08	-----	P1:0.18	P1:0.21	P1:0.21
7-1-2009	-----	P1:0.08	-----	-----	-----
1-1-2010	P2:0.05	-----	-----	-----	-----
1-1-2011	-----	-----	P2:0.09	P2:0.11	-----
1-1-2012	-----	-----	-----	-----	P2:0.13
7-1-2012	-----	P2:0.05	-----	-----	-----
HWPW-VC = Veneer Core; HWPW-CC = Composite Core.					

Sample photo:



End of Report



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