



काष्ठ विज्ञान एवं प्रौद्योगिकी संस्थान
INSTITUTE OF WOOD SCIENCE AND TECHNOLOGY

(भारतीय वानिकी अनुसंधान एवं शिक्षा परिषद्)

(Indian Council of Forestry Research and Education)

(पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, भारत सरकार, की एक स्वायत्त निकाय)
(An Autonomous Body of Ministry of Environment, Forest and Climate Change, Govt. of India)
पी.ओ. मल्लेश्वरम/P.O. Malleswaram, बेंगलुरु/Bengaluru – 560 003



सं./No. F&S/CTO/FSK/023/TVPL/FSK-5962/2023/Kolkata

Page 1 of 2
Date: 06.07.2023

सेवा में/To,
M/s. Tirupati Veneers Pvt. Ltd.,
47-3-36, 201, Tribhuvanam, Upstairs SBI,
Nehru Bazar Road, Dwarakanagar,
Visakhapatnam-530016.

प्रिय महोदय,
Dear Sir,

विषय: नमूने के परीक्षण रिपोर्ट।

Sub: Test reports for Plywood (BWP) samples

संदर्भ: १. आपका पत्रांक दिनांक

२. संस्थान की परीक्षण संदर्भ सं

Ref: Your letter No. Nil dated 04.05.2023
(Samples received on 04.05.2023)

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उपरोक्त उल्लिखित संदर्भ में आपके द्वारा दिए गये नमूनों को संलग्न प्रतिवेदन में उल्लिखित मानकों के अनुसार, आईडब्ल्यूएसटी (भूतपूर्व इपिटी) के संबंधित प्रभाग से परीक्षण किया गया।
Samples submitted by you vide above cited reference was tested by the relevant Division of IWST (erstwhile IPIRTI) as per the Standards mentioned in the attached report.

आपकी सेवा करने का यह अवसर सराहनीय है। यह सौभाग्य भविष्य में पाने की उम्मीद है।
The opportunity to serve you is highly appreciated. Hoping to have the same privilege in future.

भवदीय,

Yours faithfully,

Shalini P R

Shalini P Rao

Chief Technical Officer
Institute of Wood Science and Technology
IPIRTI Campus, Bengaluru - 560 022

संलग्नक: क/क
Encl.: a/a

दूरभाष/Phones: कार्यालय/Office: 080-23341731 (निदेशक/Director); 080-22190100, 200 (सामान्य/General)

फैक्स/FAX: 0091-80-23340529, ईमेल-/e-mail: dir_iwst@icfre.org, वेबसाइट/Website: <http://iwst.icfre.gov.in>

As per Government of India, Ministry of Environment, Forest and Climate Change, Order No. F.No. 16-1/2022-RT dated 22.10.2022, Indian Plywood Industries Research and Training Institute (IPIRTI), has been merged with Institute of Wood Science and Technology (IWST), Bengaluru



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TC1019523000001043P

सं./No. F&S/CTO/FSK/023/TVPL/FSK-5962/2023/Kolkata

Date:06.07.2023

TEST REPORT

Ref: Your Letter No. Nil Dated 04.05.2023

(Sample received on 11.05.2023)

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One sample of Block Board BWP E0 Grade (as declared by Client) received from M/s. Tirupati Veneers Pvt. Ltd., 47-3-36, 201, Tribhuvanam, Upstairs SBI, Nehru Bazar Road, Dwarakanagar, Visakhapatnam-530016 was tested for “**Determination of formaldehyde emission by Desiccator method**” as per JIS A 1460:2015. The results are given below:

1. The name and address of the laboratory : Tested at IWST Field Station Kolkata Chemistry Laboratory
2. Type of board as received : Plywood
3. Thickness, mm : 18.87
4. Density, kg/m³ : 497
5. Moisture Content, % : 6.2
6. Surface treatment : Surface treatment was not provided on the sample
7. Details of edge treatment : No edge treatment
8. Cut off location : 5cm away from all sides of the board
9. No of test specimens : 08
10. Conditioning of test samples : @20⁰C 65%RH
11. Temperature and Humidity of test environment : 20.8⁰C
12. Date of the test report : 07.06.2023
13. Background formaldehyde level in the test environment, if determined : 0.015 mg/L
14. Formaldehyde emission value in mg/L (milligrams per litre) : 0.341 mg/L
15. Formaldehyde emission in ppm (parts per million) : 0.341 ppm

RESULTS: The emission limit as per JIS A5905 & JIS A5908 for F** is ≤0.4 mg/L for wood particle board. The formaldehyde emission value obtained is 0.341 mg/L. Hence, the sample conforms to the requirement of F**** as per JIS A5905 & JIS A5908 and as per Japanese Agricultural Standard (JAS) Formaldehyde emission for plywood.**

Note:.

1. The test results are relevant to the sample received for testing.
2. Remnants of tested material if any will be retained for a period of 6 months only.

Shalini P B
Shalini P Rao

Chief Technical Officer
Institute of Wood Science and Technology
New Campus, Bengaluru - 560 022

दूरभाष/Phones: कार्यालय/Office: 080-23341731 (निदेशक/Director); 080-22190100, 200 (सामान्य/General)
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