

काष्ठ विज्ञान एवं प्रौद्यौगिकी 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)

उपरोक्त उल्लिखित संदर्भ में आपके द्वारा दिए गये नमूनों को संलग्न प्रतिवेदन में उल्लिखित मानकों के अनुसार, आईडब्ल्यूएसटी (भूतपूर्व इपिर्टि) 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 Rao

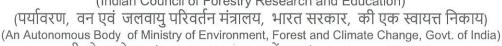
Chief Technical Officer Institute of Wood Science and Technology IPIRTI Campus, Bengaluru - 560 022

संलग्नक: क/क Encl.: a/a



काष्ठ विज्ञान एवं प्रौद्यौगिकी संस्थान INSTITUTE OF WOOD SCIENCE AND TECHNOLOGY

(भारतीय वानिकी अनुसंधान एवं शिक्षा परिषद्) (Indian Council of Forestry Research and Education)



पी.ओ. मल्लेश्वरम/P.O. Malleswaram, बेंगलुरु/Bengaluru - 560 003



Page 2 of 2

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)

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

Type of board as received : Plywood 2. 3. Thickness, mm : 18.87

Density, kg/m3 : 497 4. 5. Moisture Content, % : 6.2

Surface treatment 6. : Surface treatment was not provided

on the sample

7. Details of edge treatment : No edge treatment

Cut off location : 5cm away from all sides of the board 8.

9. No of test specimens

Conditioning of test samples 10. $= (a)20^{\circ}\text{C }65\%\text{RH}$

 $: 20.8^{\circ}C$ Temperature and Humidity of test 11.

environment

Date of the test report 12. : 07.06.2023 Background formaldehyde level in the test : 0.015 mg/L

environment, if determined

Formaldehyde emission value in mg/L : 0.341 mg/L 14.

(milligrams per litre)

Formaldehyde emission in ppm 15. : 0.341 ppm

(parts per million)

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

दूरभाष/Phones:कार्यालय/Office: 080-23341731(निदेशक/Director);080-22190100, 200(सम्मारम्ब) Institute of Wood Science and Technology फैक्स/FAX: 0091-80-23340529, ईमेल-/e-mail: dir_iwst@icfre.org, वेबसाईय/Metricambte://iwatigaliangovst0 022

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

Shalini P Rao