
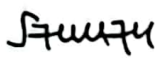



PACKAGES CONVERTORS LIMITED BU-FC

Document type
WORK INSTRUCTION

Title
METHOD FOR DETERMINATION OF MOISTURE %

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1.0 PURPOSE:

To check the moisture % in board etc.

2.0 SCOPE:

This method will help to observe the moisture % in board and their products.

3.0 REFERENCES:

Tappi-412 om-11

4.0 APPARATUS:

4.1	Template (20 x 20 cm or 10 x 10cm or 10 x 5 cm)
4.2	Cutting tool
4.3	Weighing balance
4.4	Oven
4.5	Weighing Bottle

5.0 PROCEDURE:

SR. NO.	ACTIVITIES
5.1	Cut sample with the help of template and weight it.
5.2	Weigh the specimen bottle along with lid already lying in oven.
5.3	Put the sample in bottle and place it in oven for 2 hour at $105 \pm 2^\circ\text{C}$ and open the lid of container.
5.4	Allow the closed container and contents to cool to room temperature in desiccators and weigh it.
5.5	Again place the container in oven for $\frac{1}{2}$ hour at $105 \pm 2^\circ\text{C}$ and repeat step # 5.4.
5.6	Replace the specimen and weigh it again and calculate the weigh of dry sample.
5.7	When two consecutive weights after drying do not differ, note the weight.
5.8	Calculate Moisture as following: Initial weight (before drying) = A Final weight (after drying) = B Moisture % = $\frac{(A-B)}{A} \times 100$

6.0 Responsibility : QA Supervisor/Lab Assist.

**CONTROLLED
DOCUMENT**

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