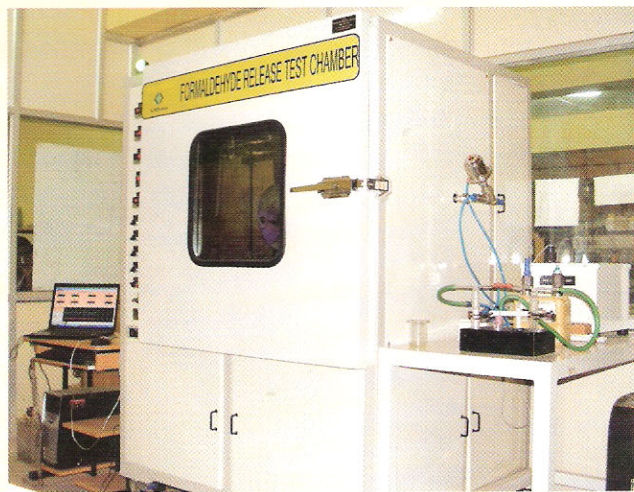


FORMALDEHYDE EMISSION TEST CHAMBER AT IPIRTI

To evaluate the steady level of formaldehyde emission a 1m^3 formaldehyde emission chamber has been fabricated as per the specification of EN 717-1 and ISO/DIS 12460-1 and installed at IPIRTI. Volatile organic compounds and formaldehyde for the sample drawn from building materials and interiors can be measured in this chamber.

This chamber method determines the formaldehyde emission at steady state from wood based panels under defined conditions relating to average conditions in real life. This method can also be applied to estimate the formaldehyde concentrations under various conditions in practice by the use of mathematical models.

Testing of particle board and plywood's of 1m^2 surface area as per EN 717 and ISO/DIS 12460-1 will be carried out and the report will be issued as per the international requirements.



No National Standard has so far been formulated to safeguard the interest of users of wood based panels. It is therefore, utmost necessary to standardize the manufacturing process and test method to determine the optimum level of formaldehyde emission in the finished products and formulate national standards.