COMPOSITE BOARD FROM AGRO-WASTE

INTRODUCTION

Brief Description: Medium density boards or Composite boards are a type of board used in false partition, ceiling, table tops, furniture fixtures, mirror backings, etc. These are high grade composite material usually made various types of cellulosic materials. A board manufactured from particles of wood or other lingo-cellulosic materials agglomerated, formed and pressed together by use of an organic or synthetic binder together with one or more of the agents such as heat, pressure, moisture, catalyst, etc.

A process technology has been developed for making medium density composite boards from agricultural wastes like paddy husk, paddy straw and certain reed materials. Use of medium density particle/fibre board's (MDF) gives an added advantage of saving money instead of using real wood products in partitions and furniture products.

Comparative Advantage:

- Environment friendly process.
- The process utilizes agricultural waste, low density timber scrapings and a binder.

Scale of Development: The technology is ready for market launch.

