

BRIEF SUMMARY OF THE PROJECT

MANUFACTURING OF FORMALDEHYDE 100 TONNES PER DAY AND RESIN 150 TONNES PER DAY AT VILLAGE DAULOWAL, TEHSIL AND DISTRICT HOSHIARPUR, PUNJAB by CENTURY PLYWOOD INDIA LIMITED

Century Plywood India Limited propose to establish a new project for manufacturing of MDF Boards, Plywood and Particle Board in an area of 32 Acres in Village Daulowal, Tehsil and District Hoshiarpur, Punjab. The project does not fall under the preview of EIA notification 2006 however their utility i.e. manufacturing of resin [150TPD] (urea formaldehyde and melamine-urea formaldehyde) and manufacturing of formaldehyde [100TPD] from methanol falls under schedule 5(f) of EIA notification, 2006. The project is outside industrial area and falls under category A therefore clearance is sought from MOEF&CC.

Formaldehyde is an organic chemical having basic uses in core industries like

- a) Plastic Industry in the manufacture of thermo set compounds like U.F, P.F. & M.F. Moulding Powders.
- b) Plywood Industry where it is used as the bonding compound.
- c) Pharmaceutical Industry where it is used for fumigation.
- d) Explosive Industry also uses Formaldehyde in bulk.
- e) Hexamine a blowing compound used in the Rubber Industry is produced by using Formaldehyde as its main raw material.

The basic raw material used in the production of formaldehyde is Methanol. The basic process used for the manufacture of formaldehyde involves oxidation of methanol in the presence of Silver which works as catalyst.

Methanol storage tanks, formaldehyde storage tanks, Process quality laboratory, Formaldehyde plant, Resin Plant, Raw material storage shed, cooling towers, DM plant, Environment Management infrastructure like ETP, STP, Solid waste management system and other utilities of the unit shall be provided. The total plot area of the unit for resin and formaldehyde manufacturing shall be 4 Acres out of which 1.6 Acres will be covered in shed etc. 1.4 Acres will be maintained green and remaining will be open in form of paved or road areas. Office buildings etc will be provided in a separate block which would not be part of this plant. The unit shall employ about 60 persons working full time to maintain the plant and to follow the quality control practices of the unit.