

DESIGN & CONSTRUCTION OF TIMBER SEASONING CHAMBER

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ABSTRACT

Timber seasoning chamber is a project that can contribute to the industry and also saving the environment. Its main purpose is to dry timber which is a very important process in wood processing. This process provides a good foundation of wood before it can be used in any other further usage. A very good example why timber must be dried is building furniture. If furniture are built use wet wood it may deformed due to shrinkage of wood therefore destroying the dimension and quality of the furniture. This condition is not favorable in any furniture making.

The second reason why wood drying is important is because it can also reduce the cost of transportation. At a large scale the difference of weight of wet wood and dry wood is very significant and naturally dry wood weighs less than wet wood. Therefore drying before transporting the wood reduces the cost of transporting.

Technically the final report summarizes the work that has been done throughout the semester. Research, studies, material used, constructions and problems are all included in the final report. This final report would give very detailed information of things that have been done in order to successfully complete the project.