

C716421 MAJOR INDUSTRIAL ENGINEERING

KEY WORD: PARAWOOD FURNITURE / REDUCTION OF DEFECT

KEARTISAK SREPRATEEP : REDUCTION OF DEFECTS IN PARAWOOD

FURNITURE INDUSTRY. THESIS ADVISOR : ASSO. PROF. JANTANA JANTARO.

180 pp. ISBN 974-636-115-5.

The aim of this research is to seek the method of defects reduction in Parawood furniture that come from production process through the study of the improvement of its feature such as man, material, measurement, method and machine. The example factory of this research has the too many defects and does not have the quality control section.

In order to reduce the defects in the factory, the researcher has studied the main products in line production of chairs, tables and drawers. The finding reveals that the main problems causing the defects are that the products have not been made to reach the standard sizes and that the granule color. The result of the improvement to reduce the defects from the main problems was that the defects can be reduced. This research began to collect the data in January being improved in April. The data was collected again after that until August. The chair production process before the improvement has the loss from defects which shows 1.38% and 0.45% after the improvement. In case of the production process of the table's top, the loss from defects before the improvement shows 1.45% and 0.79% after the improvement. As for the production process of drawer, the loss from defects 1.34% was decreased to 0.51% after the improvement. The advantage of the reduction of defects results in the decrease of the defects's cost and the increase of the effectiveness of the direct raw material's use.

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ปีการศึกษา ๒๕๖๒

ลายมือชื่ออาจารย์ที่ปรึกษาร่วม