

## **ABSTRACT**

*In general, productivity is defined as the relationship between the output of a process with the inputs used to produce output. CV Natural is the industry engaged in manufacturing wood manufactures mats. Since the last few months a decline in output wooden carpet products in October 2011 to September 2012. Based on data from the production company's management report showed a decline of about 10-20% for each month. The study aims to determine the productivity measurement productivity index, factors affecting, and the proposed revisions to the production department wooden carpet CV Natural to increase productivity.*

*Measuring productivity using the Marvin E. Mundell. Highest productivity index depreciated by 131.02% and the lowest was 82.27. On material productivity indices, the highest index of 130.72% and the lowest was 95.27%. Then the index of labor productivity are highest in the fourth period by 93.01% and the lowest productivity index contained in the third period by 62.18%. In the index of energy productivity, high of 128.68% and the lowest was 100.10 and the highest productivity index maintenance of 104.56% and the lowest was 82.28%.*

*The diagram shows the causal factors - factors that affect the productivity decline in aspects of human, material, machine and the environment. n the human aspect, the division of labor hour shifts evenly morning and night shift work for 7 hours, the provision of health benefits to workers or intensive, short breaks provision for 15 minutes to an employee as well as control over the workers to do that work according to standard. In the aspect of the machine to do periodic engine maintenance. In the aspect of material, an early inspection of raw materials while on the environmental aspects of work to do with the improvement of working conditions.*

*Key words: Productivity, Marvin E. Mundell, Fishbone Diagram*