ABSTRACT

Capacity Requirement Planning (CRP) Garment Product in PT PancaPrima EkaBrothers, Tangerang

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The purpose of this study was to indetify the many variables that have some effect on measurement Capacity Requirement Planning (CRP) of work center cutting and work center embroidery, to determine CRP work center of cutting and work center embroidery for PT PEB depanding upon the order received, to give recommendation for Capacity Requirement Planning in the form of CRP report on work center cutting and work center embroidery upon the order received. The method used for this research is in the form of case study, with time study step measurement, continued with calculation using the formula of Productivity Embroidery (TAJIMA), utilization, efficiency and rated capacity. The variables that determined the CRP calculation are lead time, main ingredients, and the un-uniform process of garment making. From the result of CRP report, can be concluded that there are some over capacity and overload, and they need to be balanced by increasing capacity, reducing load and redistribution of load. Management is recommended to use CRP depending upon the condition of real production and doing some internal training for human resources in order to increase the productivity and work performance.

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