

# **MATERIAL REQUIREMENTS PLANNING WITH MATERIAL REQUIREMENT PLANNING (MRP) METHODE AT PT. BONLI CIPTA SEJAHTERA**

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## **ABSTRACT**

*Stock is the resource that must be using in some company. that resource is used for make end meets. That's why for fulfilling the end meets for the consumers, a company must have stock for the resources. If the stock in the company is too much the company will be loss because of the big saving cost. But if the stock for the resource are too small, the company cant make end meets for the consumer*

*PT. Bonli Cipta Sejahtera in facing the national holiday like idul fitri always has the problem in the higher request for the cookies then usual days. Because of this the company cant predict the request from the consumers and this is take effect to the ingredients. What needs to be order for the next production of the cookies. And whats left ini the warehouse for the ingredients to mmake the cookies. Because sometimes the request can be lower than usuall or maybe higher. the company must think about the expires date of the ingredient. When the ingredient is too long in the warehouse it can make damaged the goods. Then to solve this problem, the correct method are to using MRP and CRP to predict how much the ingredients to make the end meets for the next production.*

*Roughly the result of MPS validation with RCCP, capacity requirement to carry out master production schedule (MPS) can be fulfilled by available capacity owned by company. So that MPS can be set and made input into the calculation of MRP. The result of comparison between capacity requirement (CRP) with available capacity per work center in each period is seen as sufficient capacity available, and based on the analysis there are some difference that caused by probability of wasting resources then or PT. Bonli Cipta Sejahtera writer proposed to do some review or recruiting sta system seasonal.*

*Keywords: Material Requirement Planning, RCCP, CRP*