INVENTORY CONTROL USING CAN ORDER (S,c,s) SYSTEM
(Case Study : PT. INDOMARINE Factory, Singosari)

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Abstract
Availability of component is the important thing in manufacturing process. Product finishing time will be delayed if material is not available in time. This problem occurs in terms of inappropriate inventory control strategies in the factory. Therefore, this research suggest inventory control method using can-order policy for multi-item replenishment on the same supplier.

   Every material has different distribution pattern. Can-order system used sample materials that has Poisson distribution for both domestic and foreign supplier. Afterwards, comparing total cost obtained in the calculation with existing method that is min-max system or (S, s) system. Based on the output, can-order system gave minimum total cost better than existing method for all sample of material with percentage of differentiation between 15% to 30%.

Kata kunci : Inventory Control, Can-order Policy, Min-Max System.