

ABSTRAK

Janiatul Karimah. 2021. Skripsi. **Analisis Pengendalian Persediaan Bahan Baku Sebagai Optimalisasi Kinerja Produksi Dengan Metode EOQ Pada UD. Tole Putra Kropak (Industri Garam Beryodium) Kabupaten Probolinggo.** Program Studi Manajemen, Fakultas ekonomi, Universitas Panca Marga Probolinggo.

Penelitian dilakukan terhadap perusahaan UD. Tole Putra Kropak Kabupaten Probolinggo dengan tujuan menganalisis pengendalian persediaan Bahan baku Garam kasar sebagai optimalisasi kinerja produksi dengan metode *Economic Order Quantity (EOQ)*.

Jenis penelitian yang digunakan adalah analisis deskriptif dengan menggunakan pendekatan Kuantitatif. Dengan variabel pengendalian persediaan dan *Economic Order Quantity*, Populasi penelitian ini adalah data persediaan bahanbaku berupa laporan produksi.

Hasil penelitian menunjukkan bahwa pembelian bahan baku dengan metode *Economic order Quantity* sebesar 3.540 kg, Frekuensi pembelian 13 kalidalam setahun. Safety Stock 1.405 Kg. Reorder point 2.855 Kg. Dan *Total Inventory Cost* sebesar Rp. 442.477.

Kata Kunci : Persediaan, *Economic Order Quantity (EOQ)*, Reorder Point (ROP), Safety Stock (SS), *Total Inventory Cost (TIC)*.

ABSTRACT

Janiatul Karimah. 2021. *Thesis. Analysis of Inventory Control for Raw Materialsto Optimize Production Performance Using the EOQ Method at UD. Tole Putra Kropak (Iodized Salt Industry) Probolinggo Regency. Management Study Program, Faculty of Economics, Panca Marga University, Probolinggo.*

The research was conducted on the company UD. Tole Putra Kropak, Probolinggo Regency with the aim of analyzing inventory control of crude salt as an optimization of production performance using the Economic Order Quantity (EOQ) method.

This type of research is a descriptive analysis using a quantitative approach. With inventory control variables and Economic Order Quantity, the population of this study is the raw material inventory data in the form of productionreports.

The results showed that the purchase of raw materials using the Economic Order Quantity method was 3,540 kg, the frequency of purchase was 13 times a year. Safety Stock 1.405 Kg. Reorder point 2.855 Kg. And the Total Inventory Cost of Rp. 442,477.

Keywords: Inventory, Economic Order Quantity (EOQ), Reorder Point (ROP), Safety Stock (SS), Total Inventory Cost (TIC).