Penurunan biaya persedian barang MRO menggunakan sistem Min-Max

Deira Trimadania, author

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Abstrak

Invetory control is one of important thing in company, inventory is expensive asset, usually abount 40% of the total investment. This study is to obtain a model MRO inventory in effort to decrease total cost of inventory using Min-Max system with Croston and Single Exponential Smoothing foscase methods. Croston forecasting method intended for lumpy demand pattern, while Single Exponential Smoothing is for a regular demand pattern.

The result of this study is the number of economic order quantity, reoder point quantity (ROP), safety stock, and maximum level stock. For the example, 15 items, obtained increasement in average service level from 93% to 96%.;Invetory control is one of important thing in company, inventory is expensive asset, usually abount 40% of the total investment.

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