

ABSTRACT

This research discusses the inventory control system for manufacturing companies. The author uses a single item EPQ models were modified into multi items EPQ model, to analyze the inventory control system of the paper. EPQ model multi items involved the influence of partial shipment policies and quality assurance. The quality assurance that we mean is all the result of an imperfect production can be recycled at the end of each production cycle. The partial shipment policies that we mean is delivery installment to consumers. From the EPQ model multi items, we get the expectation total cost of inventory that is more efficient than we used EPQ model single item for PT. Pura Nusapersada.

Keywords : EPQ multi items, quality assurance, partial shipment policies.