

ABSTRACT

The project is concerned with analysis and design of an Inventory Control System for a crusher trading company. Inventory control of crusher spare parts is considered as the first priority means to help the company minimize the operation costs. The existing manual system is first studied and analyzed to locate the problems and to find possible areas for improvements. The current problems include spare parts shortage, spare parts excess, costly inventory operations, time-consuming and inefficient daily operations, and inaccurate information for management.

A computerized inventory control system, developed using systems analysis and design techniques, is proposed to replace the existing manual system. The new system helps to eliminate unnecessary paper work, speed up inventory data recording or reporting, and provide accurate and up-to-date information for management. The cost and benefit analysis is carried out and the results obtained indicate that the proposed system is worth an investment.