

Building a material management program for TNG Investment and Trading Joint Stock Company, Song Cong branch, Thai Nguyen

Nguyen Thi Hang

Abstract: This topic focuses on designing and implementing an efficient raw material management system to meet the need for optimizing operational processes and control at TNG Investment and Trading Joint Stock Company, Song Cong branch, Thai Nguyen. By analyzing existing challenges in inventory management, the topic proposes solutions based on modern management principles and the application of information technology to enhance flexibility and efficiency in operations. The research methodology includes both practical analysis at the company and system design through simulation and pilot implementation, aiming to ensure the system aligns with the specific needs of the unit. The topic aims to contribute to the company's sustainable development by optimizing raw material management processes.

Keywords: Material management, information technology, efficient operation, supply control, management system