

STRUCTURAL REORGANIZATION OF A PRODUCTION WORKSHOP TO INCREASE PRODUCTIVITY

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Rezumat. *Îmbunătățirile tehnologice abordează cei doi factori cheie ai profitabilității: calitatea produsului și durata ciclului de producție. Calitatea ridicată și consecvența a produselor este evidentă și toți producătorii trebuie să livreze clienților materiale de înaltă calitate pentru a asigura calitatea și pentru a asigura comenzile la timp. Pe de altă parte, reducerea timpului ciclului de producție, chiar și cu câteva secunde și îmbunătățirea productivității vor duce direct la creșterea profitabilității și a randamentului investiției.*

Abstract. *Technological improvements address the two key factors of profitability: product quality and duration of the production cycle. The high and consistent quality of the products is obvious and all manufacturers have to deliver high quality materials to their buyers to ensure the quality to ensure timely orders. On the other hand, reducing the cycle time of production, even by a few seconds, and improving productivity will directly lead to increased profitability and return on investment.*

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1. Introduction

Production is the first moment of the economic movement, in which, by combining factors, people produce material goods and services, being the use of scientific and technical knowledge, machines, equipment, soil, energy, manufacturing technologies, etc. In industry, agriculture, forestry, construction, transportation, communications, trade, education, science, culture, health, etc., through which goods and services are produced. Production is the starting point of economic activity, being called the engine of the economy, without production there are no necessary economic goods, there can be no circulation, no distribution and no consumption.

The production of material goods has undergone a continuous evolution over time. The increase of labor productivity has determined the transition from an artisanal industry, in which the decisive role is played by manual labor, to a manufacturing type, characterized by both manual labor and a subdivision of labor. Any production

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