

ÎMBUNĂTĂȚIREA INDICATORILOR DE PERFORMANȚĂ AI SISTEMELOR DE PRODUȚIE PRIN APLICAREA METODELOR LEAN

IMPROVING KEY PERFORMANCE INDICATORS OF PRODUCTION SYSTEMS APPLYING LEAN METHODS

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Abstract: The activity of the production systems is complex; therefore, the selection of the most relevant indicators is recommended. Key Performance Indicators are quantifiable elements which reflects the critical success factors of a system. Establishing and improving KPIs is one of the major issues of management and production system's engineering. This study presents the main KPIs of manufacturing activity and provide examples of improvements to some (OEE, rate of scrap) using Lean methods. The overall efficiency of equipment (OEE) is the performance indicator which measures and evaluates the effectiveness of equipment, at the level of production system, process or department. In practice OEE offers an accurate perspective on equipment performance.

Keywords: Key Performance Indicators, Rate of scrap, Overall Efficiency of Equipment