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“INTEGRATING CLEANER PRODUCTION INTO SUSTAINABILITY STRATEGIES”

The Maintenance Function and its Impact on the Development of Corporate Sustainability: A Theoretical-Analytical Reflexion

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Abstract

The society's concern over global environmental degradation is leading many companies to embrace environmentally conscious policies or undertake corporate sustainability. In this context, the maintenance function is a strategy used during the product's lifecycle in order to extend the production system's reliability. Maintenance function's proactive policies can provide a competitive advantage when the goal is to protect the environment. Therefore, the philosophy of maintenance function and production integration is an important action for companies and academy that are looking for tools to evaluate the aspects of business sustainability of production systems. As main results, this paper presents a reflective and objective approach to assess the importance of production system and maintenance function integration, considering the evolution of maintenance function's policies as well as the interrelationships of this integration with the possibilities of corporate sustainability development (eco-efficiency) in the context of input-processing-output model.

Keywords: *Environmental, Operations, Production, Sustainability*

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