



Adopción parcial e integral de la filosofía Lean en la industria de manufactura eléctrica y electrónica en México

Partial and integral adoption of Lean philosophy in the electrical and electronics manufacture industry in México

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DOI:

Recibido: 1 de septiembre de 2022; Aceptado: 15 de diciembre de 2022

Publicado por la Universidad Autónoma de Chihuahua, a través de la Dirección de Investigación y Posgrado

Resumen

Las organizaciones consideran a la filosofía Lean como un enfoque gerencial crucial para mejorar el desempeño operativo. El objetivo de este análisis es conocer en qué grado se han adoptado las técnicas Lean dentro de la industria maquiladora en México. Un segundo objetivo analizar si estas técnicas se han adoptado de forma integral o parcial utilizando como modelo la casa del sistema de producción Toyota, en la industria maquiladora de manufactura eléctrica y electrónica en México. Se obtuvo una muestra de 83 plantas de manufactura, las técnicas Lean fueron identificadas por medio de un análisis de conglomerados en alta y baja implementación. A partir de esta clasificación de las plantas maquiladoras de manufactura eléctrica y electrónica (PMME) se catalogaron en plantas de manufactura con una adopción parcial o integral. Los resultados mostraron evidencia de que la mayoría de las plantas de manufactura han preferido una adopción parcial de estas técnicas mientras que un menor porcentaje ha realizado una adopción integral con un alto grado de implementación.

Palabras clave: filosofía Lean, Sistema de Producción Toyota (TPS), Industria Maquiladora, Industria Maquiladora Eléctrica, Industria Maquiladora Electrónica, México.

Abstract

Lean philosophy is considered by worldwide organizations as a crucial management focus to

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