









to the latest two volumes for 14 days

66 Citations

Share

Metrics

References

Read this article

Abstract

Full Article

Reprints & Permissions

Figures & data

Lean manufacturing practices (LMPs) focus on the systematic elimination of waste and non-value added activity from the production process in order improve environmental performance (EP). Meanwhile, ISO 14001 is an international standard that assists managers to reduce environmental impact and to expand business. The aim of this study is to examine the relationship between LMP, ISO 14001, and EP for Malaysian automotive suppliers. In this study, 275 sets of questionnaires were successfully collected, being a 68.8% response rate. The structural equation modelling technique was utilized to perform the statistical analysis of the data survey. Reliability analysis, exploratory factor analysis, and confirmatory factor analysis were carried out. The results showed that the impact of LMP implementation on EP increases with the

mediation of ISO 14001 in Malaysian automotive suppliers. Thus, this research, which has undergone detailed methodological analysis, contributes to the limited existing literature on the relationship between LMP, ISO 14001, and EP in Malaysian automotive suppliers.

Keywords:



Acknowledgements

The researchers would like to acknowledge the Ministry of Higher Education (MOHE) for the financial funding of this research through the Fundamental Research Grant Scheme (FRGS), the Research Management Centre (RMC), and a Universiti Pendidikan Sultan Idris (UPSI) Research University Grant (RUG).



Information for

Authors

R&D professionals

Editors

Librarians

Societies

Opportunities

Reprints and e-prints

Advertising solutions

Accelerated publication

Corporate access solutions

Open access

Overview

Open journals

Open Select

Dove Medical Press

F1000Research

Help and information

Help and contact

Newsroom

All journals

Books

Keep up to date

Register to receive personalised research and resources by email



Sign me up











Accessibility



Copyright © 2025 Informa UK Limited Privacy policy Cookies Terms & conditions



Registered in England & Wales No. 01072954 5 Howick Place | London | SW1P 1WG