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International Journal of Production Research >

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A framework for the role of warehousing in Reverse Logistics

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Abstract

Full Article

Reverse Logistics (RL) is the process of returning products from their consumer destination to capture their value or proper disposal. This paper considers and analyses the current state of literature in warehousing. Warehousing, which is an operational factor in RL, has been analysed and evaluated in terms of the specific subfactors associated with it. The research methodology used was exploratory case study research. The qualitative data were collected by use of two in-depth case studies chosen from two different industries. The analysis of the case studies resulted in the development of warehousing subfactors, propositions and insights regarding RL operations. Based on these, a framework for effective design and implementation of RL operations is provided. This framework determines the appropriate warehousing subfactors and how the return process of products/parts works. In conclusion, the managerial implications and future research directions are provided.

Reverse Logistics

RL framework

warehousing

case study

exploratory case study research

Related Research Data

Meeting the Closed-Loop Challenge: The Case of Remanufacturing

Source: California Management Review

A strategic framework for the design and implementation of remanufacturing

operations in reverse logistics

Source: International Journal of Production Research

Warehouse design: A structured approach

Source: European Journal of Operational Research

On complex adaptive systems and agent-based modelling for improving decision-

making in manufacturing and logistics settings

Source: International Journal of Operations & Production Management

The dynamic design of a reverse logistics network from the perspective of third-party

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Source: International Journal of Production Economics

On the attractiveness of sorting before disassembly in remanufacturing

Source: IIE Transactions

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