

عنوان مقاله:

Identification and Prioritization of Barriers to Implement Green Supply Chain Management in Industry: A Case Study
in Petrochemical Company of South Pars

محل انتشار:

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خلاصه مقاله:

In recent years, Green Supply Chain Management (GSCM) has implemented by the most of industries. With various barriers to implement GSCM, they couldn't improve performance of the process and products according to the requirements of the environmental regulations. The paper aims to identify and prioritize of barriers GSCM implementation in petrochemical industry. The GSCM barriers are identified by extraction from the literature and interviews with experts. The statistical population includes the personnel in a petrochemical company of South Pars in Persian Gulf. The paper uses Shapiro-Wilk test for the research variables normality check, and structural equations modeling technique for investigation of the relationships between the variables. Analytical Hierarchy Process (AHP) is used to give priorities for the barriers of the GSCM implementation. The identified barriers have significant impact on GSCM implementation. The regulations and laws, competitive market, technological infrastructure, and lack of top management commitment are finally identified the most important barriers on supply chain management implementation.

کلمات کلیدی:

Green Supply Chain Management (GSCM); Petrochemical Industry; Structural Equations Technique; Analytical (Hierarchy Process (AHP

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