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- 3- Duponet , R .R . , L. Theodore ,K. Ganesan , 2000. The Waste Management Approach for the 21th Century, N.W .Corporate.
 - 4- Toyota ,2000. The Environmental Report. Toyota Publishing.
 - 5- Volkswagen, 2002. The Environmental Report 2001/2002. Mobility and sustainability, Volkswagen Publishing.
 - 6- Volvo, 1997. The Environmental Report 1996 ,Volvo Publishing.
 - 7- Volvo , 1998 .The Environmental Report 1997. Volvo Publishing.

A Study of the Country's Automobile Manufacturing Industries' Solid Waste Material Management (Case Study: Iran Khodro Co.)

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Abstract

Industrial factories, in their different sections, produce diverse solid wastes that often end up with adverse environmental effects, causing various management and disposal problems. Nowadays, the reduction of these effects is a significant challenge to the industries in large, car manufacturers in particular, in achieving the goal of sustainable growth. Iran Khodro Company, as the country's largest car manufacturers, generates solid wastes that would adversely affect the environment, if not properly managed.

In this research, the trimming and finishing parts unit of Iran Khodro, as one of the waste generating units, has been studied, the quantitative as well as qualitative analysis of the wastes having been carried out to come to an adequate management and efficient disposal channel for the wastes. The crude material used during different processing activities in this unit include fabrics, PVC, nylon, timbers, wooden fibers, ferric profiles, and last but not least paints.

The results in this study indicate that the quantitative and qualitative analysis of the wastes brings lead to the necessary cognition for waste management including: economy in crude material consumption at the onset, waste recycling, and efficient trimming of the wastes.

Keywords: Automobile, Iran khodro, Trimming and finishing pants, Solid waste material management, Quantitative and qualitative analysis.

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