

**THE IMPACT OF LEAN WAREHOUSE
MANAGEMENT ON SUSTAINABLE
PERFORMANCE: A STUDY WITH REFERENCE
TO ABC MOTOR COMPANY**

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ABSTRACT

The purpose of this study is to determine the impact of lean warehouse management on sustainable performance with reference to ABC motor company. The research attempts to fill the gap of literature related to this topic by studying impact of lean warehouse management on sustainable performance and to provide more empirical evidence on lean warehouse practices influencing the sustainable performance of the warehouse by investigating and measuring the possible impact between the variables. It adopted an explanatory approach. The target population of this research was 100 which represent the total staff of the warehouse operation same has been considered as the sample. The researcher tries to ascertain lean warehouse management influencing the sustainable performance. In order to achieve the above objectives, primary data was collected through questionnaire. The gathered data was analyzed using descriptive and inferential statistics. Pearson Correlation and regression analysis were conducted to determine the impact and the effect of two variables by using SPSS. As per the outcome of the analysis lean warehouse practices and management support have a positive correlation with the sustainable warehouse management as the Pearson correlation of these variables are 0.314 and 0.687 respectively. Based on the Pearson correlation value it has been noted that management support has a strong impact with the sustainable performance of the warehouse. In addition, we checked the impact between the lean warehouse practices and management support, and it has been observed that moderate positive impact exist between these two variables. R value of the multiple regression analysis is 0.690 which implied that there is a significance impact from lean warehouse practices and management support for the sustainable performance of warehouse. R square value is 0.476 which means 47.6% variation of the sustainable performance of the warehouse can be explained through lean warehouse practices and management support. The Sobel test shows mediate impact from Management support on lean warehouse practices and sustainable performances.

Keywords: *lean warehouse management, sustainable performance, management support*