



ABSTRACT

Most of the business organizations are highly suffered the ardent problem of global warming and environmental pollution is considered as the most top stories in the world. On the other end, there is growing trend in governments that implement regulations on business sector by considering environmental protection. As a result of that scientists and environmental organizations have been introduced go green concept. Therefore, green warehouse practices have become a strategic arm in the logistics industry. The ultimate objective of this research is to find the existing green warehouse practices in modern day warehouses in Sri Lanka and the importance of those green applications to match with the international green warehouse standards.

After the comprehensive literature review, structured questionnaire was constructed with the 64 latent variables. A questionnaire base survey was conducted. The target sample of this research was the organizations that have recently practiced on green warehouse strategies which had their own warehouse in Sri Lanka. The study collected data from 40 companies. Among these companies 1000 valid responses was received. IBM SPSS 22 version of statistical software was used to analysis the data. Initially, frequency analysis was carried out to screen the respondents' profile. Further factor analysis was carried out to analysis the data and results proved each green warehouse practices depend on particular business sectors.

Finally the research findings were discussed. This research paper has been identified the main 14 factors have being established by the both public and private organizations in the Sri Lanka yet. Although many multinational companies has being adopted to the green warehouse practices to their operational efforts government organizations and the local companies in the Sri Lanka do not go for the green concept due to high switching cost. The recommendations are given to improve the green warehouse concept service in order to reduce both carbon footprint and greenhouse gas emission in all types of operational activities.

Key words: Key Words: Green Warehouse practices, Logistics, Warehouse