

ABSTRACT

Sri Lanka's Apparel industry has provided the biggest contribution to the export revenue of the country. The country having established itself as a reliable provider of quality clothes at competitive costs, conjointly upholds moral practices backed by legislation, therefore being known as a producer of "garments with no guilt". Being the one largest leader within the producing sector the industry provides near sixty percentage of proportion of Sri Lanka's employment either directly or indirectly. The Lean Manufacturing approach is meant to waste reduction and transform non-value added activity into value added activity or eliminate non value adding services. Lean Manufacturing is highly focuses not only on individual processes but focuses on overall operation. Also Lean Manufacturing concern on attitude of the employee who are significance of development and improvements of the current and future Organizational endeavors. (EDB, 2012). In keeping with this study and lots of studies, there are six main areas that embody within the Lean producing method and facilitate to reinforce the Operational Performance in a company as Management Support, Effective Communication, worker Involvement, worker Empowerment, Quality of labor Life and Technical Tools use of Lean Manufacturing ABC Apparel (Pvt) Ltd is one of the main Apparel companies in Sri Lanka which implements Lean Manufacturing. Enforced Lean practices became a significant issue impact to scale back the waste and increase the Operational Performance. Once Lean Manufacturing implementation to induce some plan to review the link between Operational Performance and the Lean Manufacturing. Fifty sample of employees have identified by using both judgmental and random sample method from company and by using questionnaire and using interview method their ideas regarding the variables were collected. Ordinal Regression method is used to analyze the collected data. In keeping with the study, the employee agrees that Employee Involvement which is factor of Lean Manufacturing shows a strong positive impact while Empowerment of Employee and Management Support also show a positive minor impact on Operational Performance of the ABC Apparel (Pvt) Ltd as the findings.

Keywords: Operation Performance, Management Support, Effective Communication, Worker Involvement, Worker Empowerment, Quality of labor Life, Technical Tools of Lean Manufacturing, Likert scale data, Ordinal Regression, Lean Manufacturing, Parameter Estimation,