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**Implementing Green Manufacturing at Sewing Room in Medium
Garment Factories Using Lean six Sigma**

د/ أحمد فهيم محمد طه البربرى

المدرس بكلية الفنون التطبيقية - جامعة بنها قسم تكنولوجيا الملابس والموضة

Abstract:

Green Manufacturing is the renewal of production processes and the creation of environmentally friendly processes, in this paper we define "Green Manufacturing" as reducing defects in the medium garment factories through the re-evaluation of all stages that lead to the appearance of defects disruption of production and reduce production efficiency and the quality of the product garment.

This paper presents how to achieve "green manufacturing" within the Sewing Room medium garment factories through the implementation of the Lean Six Sigma, by re-evaluate the work of the stages that precede the production process (drawing model, cutting, production processes, production lines ...) through the application of standards "Lean six sigma". And thus can get "green manufacturing" inside of the garment factories medium Apparatuses, example of this as a result of the application of standards "Lean six sigma" employee can work on a piece cutting Complete Empty of defects, whether these defects associated with any stage of the production segment garment.