

Perspective of Key Challenges in Implementation of 5's in Apparel Industry

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Abstract: 5S is also a popular tool developed in Japan and adopted worldwide for cost cutting, reducing waste, increasing productivity and create a clear visibility of nonconformance at workplace. A study was scheduled, and a detailed survey was carried out at three different apparel industries at Jaipur Rajasthan. For improvement in the apparel sector a sample study was constituted with a team of trained professionals. The methodology which was adopted started with the 5S team and trained them over the 5S concept in detail. After training, an initial audit was conducted and recorded. After having the pictorial evidence on the criterion– Eliminate all forms of Waste, Reduce the lead time of the product, Identifying and highlighting problems, developing improved product & process reliability, Boost employee morale and Continuous Improvement and an action plan was developed to improve the situation. All the recorded observations and changes are observed and the methods to standardize the process were done and implemented in an SOP. The study revealed that the implementation of the 5s concept can improve in compliance and efficient workflow due to improved machine maintenance, improved quality and lower defect rates, reduced inventory and smooth workflow. The tested results are tabulated for further discussions..

Keywords: 5 'S' ,Green Productivity , Waste Management , Lean tool