Integrated Quality Management and Information System (IQMIS)
for Apparel Manufacturing Plant
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Abstract
This Quality Assurance and Control system is being developed for assembly line apparel operation. We know every single apparel manufacturer has QC & QA system in place. The quality activities are well set in end-line, in-line and preparatory stages. There are myriads of actions to be taken in different processes every day and in every hour; thus it is not surprising that the system could fail to depict the true picture of a particular style and for a particular production line. The IQMIS has two main aspects of quality management. One is to accumulate all quality related information and actions for a particular production line for a particular product/style, and to make this information available to the management in concise and meaningful reporting without too much overwhelming data; because there is quite a huge number of production lines in each apparel company and thousands of products/styles are being manufactured each month. The other aspect is to lay down a broad framework of quality task by the division of labor and thereby giving the QA people less items/criteria of quality to manage at a time, so that they can concentrate dedicatedly on the specific quality areas; and roll back all of the quality information to the management by a separate work group and finally present the data to the management as broad picture.