



Apparel Factory Process Optimization Consulting Success Story Egypt

Continuous Improvement

The Need



The CEO wanted to convert his factory into Africa's best-in-class men's shirt manufacturer, its principal clients being PVH, Macy's and Itochu.

His main goal was to significantly improve quality and increase productivity. The factory was established in 1992 and today has 9 production lines and 1,400 employees.

To reach his goal, Impactiva was asked to execute a factory process optimization in a factory located in Egypt.

Solution



- The focus of the 13-week program was to transform 3 assembly lines as proof of concept
- Leadership Change – starting with CI Team & Steering Committee, to ensure the alignment of the project and goals, and to support Impactiva Team in a successful execution of the project
- Hourly KPIs Management (PPH, Quality Repair Rate, 2nd Grade Quality and Lead Time) and Line Balancing for Assembly Lines
- Standard Work for Shop Floor Leaders through standard work sheets, defining the daily work flow for the shop floor leaders, ensuring that team members are doing value added work without confusion for successful execution and further lean journey of factory
- Quality Root Cause Analysis, implemented due to ineffective way of dealing with defects occurring where the factory was not attacking the root cause to prevent the reoccurrence of defect

Benefit



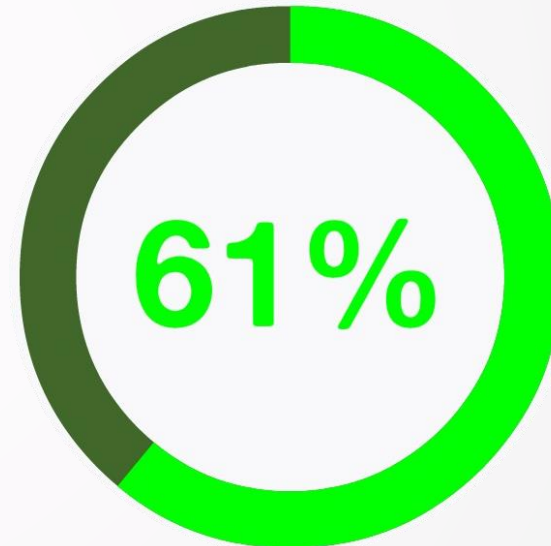
- During the 13-week program, an efficiency improvement of 15% was achieved
- Factory leadership began to learn the behaviors and habits required to establish the values of accountability, discipline and transparency required in a successful Continuous Improvement (CI) program
- Coached shop floor supervisory team and top management on hourly production KPI tracking and abnormality management
- Upgraded visual control, waste elimination, downtime reduction and artisans' safety by implementing a Lean Material Management System

KPIs



Pieces / Person / Hour

2nd Grade Quality Rate

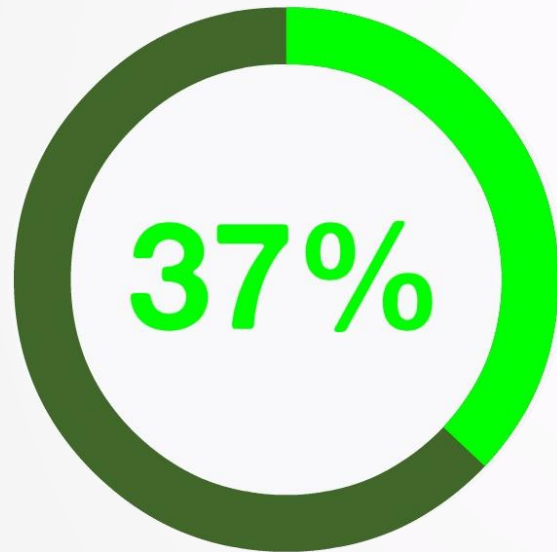


Improvement

Improvement

KPIs

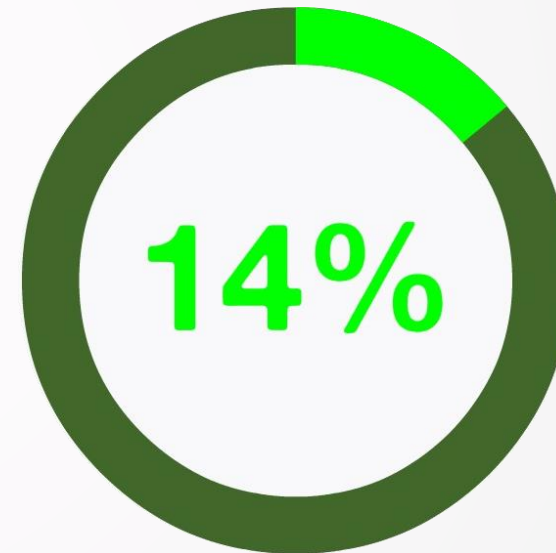
Quality Repair Rate



Improvement

IMPACTIVA
REDEFINING QUALITY

Lead Time - Small-Parts
to Assembly (Days)



Improvement

Quote



"I really appreciate the value and efforts Impactiva's Team applied, and the ability to work with our teams as a part of the family. The Factory Management has been very comfortable accepting all the changes made and have been very happy achieving the good results."

CEO - May 2018



Contact Us: sales@impactiva.com