

Project Profile

Continuous Improvement

Industrial Automated Systems (IAS) spearheaded multiple continuous improvement initiatives across numerous pharmaceutical filling and finishing lines for a leading pharmaceutical industry giant. Our endeavors involved collaborating with cross-functional teams to enhance Overall Equipment Effectiveness (OEE), implement Single Minute Exchange of Die (SMED) techniques to reduce changeover times, evaluate Standard Operating Procedures (SOPs) and create role cards, conduct Root Cause Analysis (RCA), implement value engineering to achieve cost savings, and foster team building and open communication channels.

The project encompassed seven (7) filling lines and two (2) finishing lines, with the objective, per client request, to enhance current OEE by 10%. Remarkably, our project team achieved an astounding 25% increase in OEE and a corresponding 25% rise in weekly units produced. Leveraging the SMED methodology, we slashed changeover times by 16%, while employing Failure Mode and Effects Analysis (FMEA) led to a substantial 45% reduction in equipment downtime.

Our collaborative endeavors extended across various departments, including validation, engineering, quality assurance, production, operational excellence, sales, and compliance. Continuous improvement projects demand dedicated time, effort, and resources. Rapid results are often unrealistic, as changes to processes, procedures, equipment, and organizational culture must evolve gradually and necessitate commitment from all levels of the organization.

Technologies/Tools used:

- EAMS (Enterprise Asset Management System)
- WPM (Work Performance Monitoring)
- Historian
- Lean Six Sigma Methodologies



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