



Manufacturing / Chemicals Case Study

Business Problem:
\$3B Chemicals Producer Gains Throughput to Avoid
Capital Expansion

VERTICAL:  Manufacturing

MARKET:  Chemicals

NLP SERVICES:  Lean
Transformation

CLIENT

A \$3B multinational producer of specialty chemicals needed to increase throughput by 30% to avoid a capital expansion to meet higher global demand. The location in Louisiana began a Lean Transformation to improve yield and throughput to create higher output.

APPROACH

Rapidly rolled out Lean Daily Management Process (Metrics, Review Cadence, Problem Solving Structure) to Drive Sustainability and Day to Day Improvement in Performance.

Set specific employee engagement goals to improve Labor / Management relationships and communication.

Conducted Total Production Maintenance (TPM) events to address unplanned downtime and improve yield. Added Standard Work events for maintenance and line operators to remove wasteful, non-value-added activities in their daily work.

THE RESULTS

- Freed up **additional 1.5 tons per day of capacity** to meet additional sales **representing \$780k per year** in additional sales
- **Improved quality control** around warehouse, packing and shipping operations
- **Improved engagement** between management and labor
- **NLP ROI of 12.4X investment**

