

European Petrochemicals Company

Background and Situation

- ATOFINA – Antwerpen, Belgium – Dutch is primary language at facility
- Polyethylene; 340,000 metric tons of pellets and fluff per year, 4 dozen formulations and colors, 5 reactors (#6 in construction), 250 employees, independent management, Average annual reliability loss of 16,200 tons (23,500 in previous year)
- Elastomers; 95,000 metric tons of pellets per year, 2 dozen formulations, 4 finishing lines, 190 employees, independent management, Average annual reliability loss of 6,500 tons (16,400 in previous year)
- Central Maintenance Group; 70 employees, SAP R/2 CMMS, Outage preparation timelines of 6 months or less
- Company undergoing a 10% reduction in management staff corporate-wide.

Process Results:

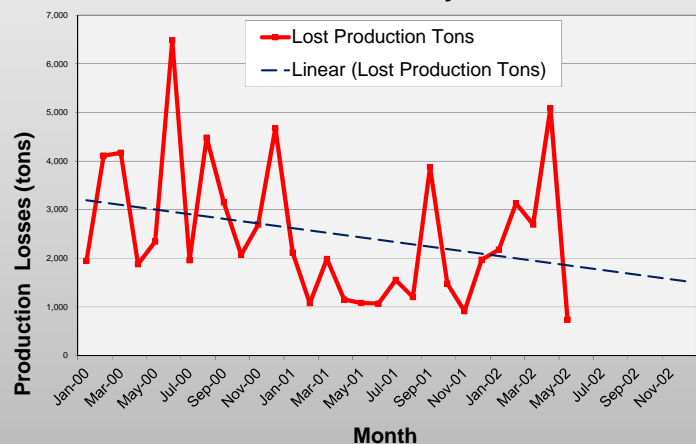
- Implemented revised Work Management Process procedures
- Trained and coached to KPIs, Leadership model, Standardized roles and responsibilities (plant manager through head operator)
- Facilitated development of plant strategies (mission, vision, goals and 5-year strategy)
- Re-scored Reliability Grid after implementation - 23% improvement



Bottom-Line Impacts:

- PE - 32% reduction from 4 year average reliability losses
- PE - 53% reduction from the 2000 losses
- EL - 48% reduction from the 2000 losses
- Overall site - 14% reduction from the 4 year average reliability losses

Production Losses Due to Equipment and Process Reliability



RELIABILITY MANAGEMENT GROUP

Masters of Implementation