

Allied Chemical Corporation – Geismer Facility

Case Study #2 - Conditions

- 116 Days of downtime compared to an industry average of 49.5 Days (worst record in the world for this type of facility)

Case Study #2 - Elements Introduced

- Continuous monitoring of large, high-speed, high horsepower turbo-machinery
- Preventive/Predictive Maintenance (P/PM) Program
- Root Cause Analysis (RCA) System
- Data collection and analysis of process variables
- Part inventory management system
- Machinery and part balancing program

Case Study #2 - Benefits

- Net dollar savings in three years was \$36,000,000
- 19.4 Days downtime after one year (best in the world in one year!)
- 10 Days downtime after 2 years