



**Service/Product Provider**

***Accurate Air Engineering, Inc.***

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Cerritos, CA 90703

Business: Compressed Air Distributor / Consulting

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**Industrial Partner**

***Kraft Foods***

1500 East Walnut Avenue  
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Business: Food Processing

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**Accurate Air Engineering helps Kraft save \$50,000 with compressed air automation**

**Project Scope**

Accurate Air Engineering reduced this Kraft plant's on-line compressed air horsepower requirements by installing a compressed air management system, adding controlled storage, correcting pipe sizing, and stabilizing the system pressure.

**Project Summary**

Accurate Air Engineering initially completed a compressed air assessment to explore opportunities to save energy and improve reliability of the system. Multiple energy-saving scenarios were created and presented to Kraft, including project scope, equipment, installation, and project savings. The chosen scenario automated the air compressors so that cfm/kW was maximized during all plant operating hours. This turnkey project included all engineering, labor, commissioning, and training.

- **Energy Savings**  
\$50,295 or 457,264 kWh/year, which equaled a 27% reduction in compressed air system energy
- **Investment**  
\$85,000
- **Financial Return**  
1.7 years payback
- **Other Benefits**  
Reduced maintenance due to reduced run time, increased air dryer and filter life, and improved reliability. System data have been collected with relative ease, allowing for integration of oil-free air compressors.

**Monitoring & Verifying Energy Savings**

During the assessment phase, power and pressure trending was used to determine the baseline for the planned retrofit. Comparisons after project completion confirmed savings and established new baselines for future improvements.

**Distinguishing Value**

Accurate Air Engineering, Inc. stands behind its projects with excellent customer service, professionalism, and continuous technical support. This commitment has assisted the plant in achieving new energy and cost savings, utility incentives, and conversion to oil-free compressed air. Multiple projects have demonstrated the effectiveness of compressed air retrofits.