

A Turn-Key Success Story

This project started with a customer who recognized that their compressed air equipment was nearing the end of its useful life and that a significant capital investment was needed to upgrade the system. Industrial Air Centers, Inc. conducted an in-depth compressed air system audit and discussions with plant personnel to identify the peak and minimum demand, as well as the appropriate air quality needed for the plant.

The compressors were sized to meet the peak demand, while providing efficient part-load operation and back-up capacity. Controlled storage was added, stabilizing plant pressure, and allowing the customer to operate the facility at the lowest acceptable pressure, providing improved process consistency and energy savings. Each compressor is provided with properly sized contaminant removal equipment, so that both the compressors and contaminant removal systems have back-up capacity.

Once the Compressed Air Supply agreement with the customer was executed, Industrial Air Centers took immediate action. Rental compressors and compressed air dryers were provided to sustain plant operations as the new system was installed. Industrial Air Centers managed all aspects of the system installation, including site work, equipment installation, ventilation and paint.

A key component in the system is the remote monitoring capability. Critical system parameters including main header pressure, dew point and system demand are continuously monitored. In addition, all of the parameters monitored by the compressor microprocessor controls are available, including regularly scheduled maintenance intervals and fault history.

When an alarm condition occurs, the on-call service technician is notified via text message. The technician assesses the situation via the password-protected remote monitoring website and determines the best course of action. In the event of a component failure, production continues uninterrupted as the back-up components automatically come on-line.

Since the system was brought on-line in June 2004, the customer has experienced zero downtime as a result of compressed air issues.

Compressed Air Supply is another example of the innovative, mutually beneficial services offered by Industrial Air Centers, Inc.



An Industrial Air Centers, Inc. Compressed Air Supply installation that includes compressors, dryers, filters, controlled storage and remote monitoring capability through the internet.



www.iacserv.com

Corporate Office, 731 E. Market St.
Jeffersonville, IN 47130
1-877-IACSERV