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## COMPRESSED AIR SURVEYS

Compressed Air System Surveys, performed by an experienced surveyor, are extremely valuable, benefits include:

- Specific recommendations to reduce energy consumption
- Lower maintenance costs
- Identify safety issues
- Improve air quality

In addition a survey analyzes and records detailed information, covering components and operating profiles that can be used to guide and prioritize upgrades and improvements.

Air system surveys range in depth and magnitude from a simple “snap shot” to weeks long in depth analysis using *data logging* instrumentation. A complete air system survey covers all of the following compressed air system major topics.

- *System Issues*
  - Safety
  - Distribution system (layout, pipe size)
  - Storage
  - Pressure levels (fluctuations, pressure drop)
  - Energy efficiency (cost of operation)
  - Wasted Air Energy (leaks inappropriate uses)
- *Demand Issues*
  - Applications
  - Equipment
  - Level of air treatment required (contaminant removal)
  - Demand load profile (maximum, minimum, average air consumption)
- *Supply Issues*
  - Installation (ventilation, etc)
  - Maintenance & repair
  - Reliability and backup capacity
  - Air Compressors, controls (appropriate for demand profile?)
  - Compressed air treatment

A simple survey can be done at no charge to the customer, an in depth survey can cost thousands of dollars depending on the scope and detail required. We offer three “standard” surveys or can custom tailor a program to fit your individual needs.

- (1) *Walk through evaluation*
- (2) *Supply side assessment*
- (3) *Compressed air system audit*