

## AIR SYSTEM AUDITS

The combination of a good air system review and a competent installation can decrease electric costs for air systems by 30-60%. Air Technologies Consulting provides a comprehensive array of compressed air system reviews and audits to meet the specific needs of our customers. These audit options include:



**MEASUREMENT BOX SURVEY (mbox):** This survey is for customers who wants to know how much air their existing compressor system is producing and measures pressure and calculates annual energy cost. (Typical fees are \$500 for the first compressor, \$250 for each additional)

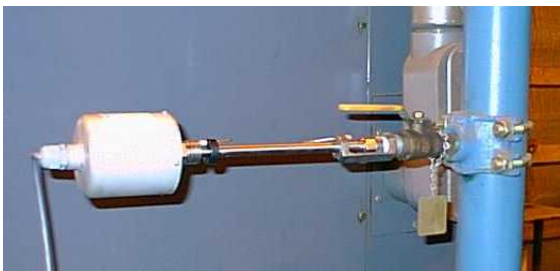
**PREVIEW AUDIT:** The output of this audit is an overall assessment of the capabilities of the compressed air supply, demand and point of use systems and an estimate of the potential savings. (Typical fees are \$2,000-\$4,000 Benefits: Help customer evaluate feasibility of **Strategic Audit** plus fees apply to Strategic Audit costs)

**STRATEGIC AUDIT:** A comprehensive air system evaluation, along with a short term and long term game plan. The Strategic Audit is appropriate when the air system can be properly evaluated using real-time metering and measurement. The audits typically identify projects that **save 5 to 20+ times the cost of the audit and that have an average payback of 15 months or less.** (Typical fees are \$5,000 - \$20,000. Annual savings equals 6-20+ the cost of the audit.)



**STRATEGIC AUDIT WITH TREND MEASUREMENT:** This audit is for customers who seek the same general outputs found with the Strategic Audit, but whose air system requires detailed and trended measurement. Such requirements will be found in air systems with multiple compressor sites or centrifugal compressor units or due to the use of the air study to **qualify for utility or state funding incentives.** (Typical fees are \$10,000 - \$25,000. Annual savings equals 3-10+ times cost of audit plus potential one-time incentive up to 3-10+ times cost of audit.)

**CHECK UP AUDIT:** This is a check audit on previously implemented projects and troubleshoot any new operating issues. (Typical fees are \$2,000-\$4,000 Benefits: Help sustain savings achieved by previous air projects.)



**PERFORMANCE MEASUREMENT (SURVAIR):** This audit is for those customers who only want a detailed set of measurements of their air system or equipment. In these cases, we provide and install hardware needed to measure key performance indicators such as flow, pressure, dew point, temperature and electrical demand. (Typical fees are \$3,000 - \$15,000.)