

Compressed Air Costs 8 to 10 Times More Than Electricity!

Save on electricity costs
instead of buying
a new/cheaper compressor!

What We Do

AirAudit is a service division of Rastgar & Co, initiated in 2010 for all industries which use compressed air as a fourth utility.

AirAudit helps its customers in identifying opportunities for reducing energy consumption and overall business costs of their compressed air installations. If a business is a user of compressed air, an Air Audit is a step to make a substantial impact on its production costs. It can make entire business performance to high level, not just once, but year after year.

AirAudit identifies inefficiencies in compressed air system and assists with entire system performance optimization, leak reduction and practical air management processes. It helps customers reduce power consumption and also reduce compressed air system load and wear and tear. This prolongs life of entire compressed air system.

AirAudit Helps To:

- Produce less air
- Waste less air/energy
- Reduce compressed air system load
- Identify leaking machines and help restore the production plant to peak efficiency
- Reduces cost of compressed air use per unit by up to 30%

Services

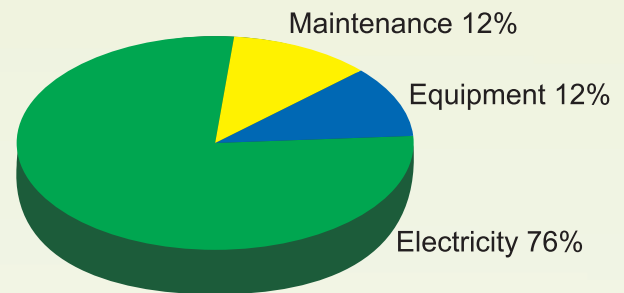
AirAudit engineers are fully trained to provide customers with the following services in compressed air energy saving

- Initial Audit: Identifying Potential Savings in Compressed Air Structure
- Detailed Audit: Leak Detection, CFM Monitoring, Dew Point Sensing, System Design & Drawings and Recommendations
- Verification Audit: Verifying Recommendations

**Bigger the Compressed Air User,
Greater the Savings**

Compressed Air Costs in Perspective

Costs over 10 years



Why an AirAudit ?

AirAudit is an accurate process undertaken to identify areas of loss or inefficiencies within a compressed air system.

AirAudit provides detailed independently assessed and compiled reports providing information on:

- System optimization,
- Distribution,
- Risk assessment,
- Cost savings,
- Recommendations,
- Conclusions,
- Ongoing energy management plans.

**Complete Compressed Air
Management**

AIRAUDIT DELIVERS

A Comprehensive Audit

- "Total Systems Integration Approach"
- Demand Side Flow Analysis (end use)
- Supply Side Flow Optimization
- Full measurement of power absorbed including
- Power Factor.
- Actual Flow rates via non intrusive measurement
- Pressure, and Dew Point (where relevant)

A Leak Management Plan

- Leak detection, grading and costing.
- Leak correction recommendations.
- Leak tracking (data management for repeat surveys).
- Integrated reporting.
- Site basis.
- Targeting of maintenance upgrades.

Detailed System Report & Analysis

- Flow demand characterization and optimization
- Compressed Air Distribution Summary
- Comprehensive list of Compressed Air Solutions
- Risk Assessment
- Cost Savings Summary
- Recommendations and Conclusions
- Ongoing plan to reduce energy costs
- Deliver independently assessed and compiled reports

AirAudit Pays for Itself

AirAudit cost is recovered through reduced system costs over a short time span.

Where are the Savings Made?

Supply Side

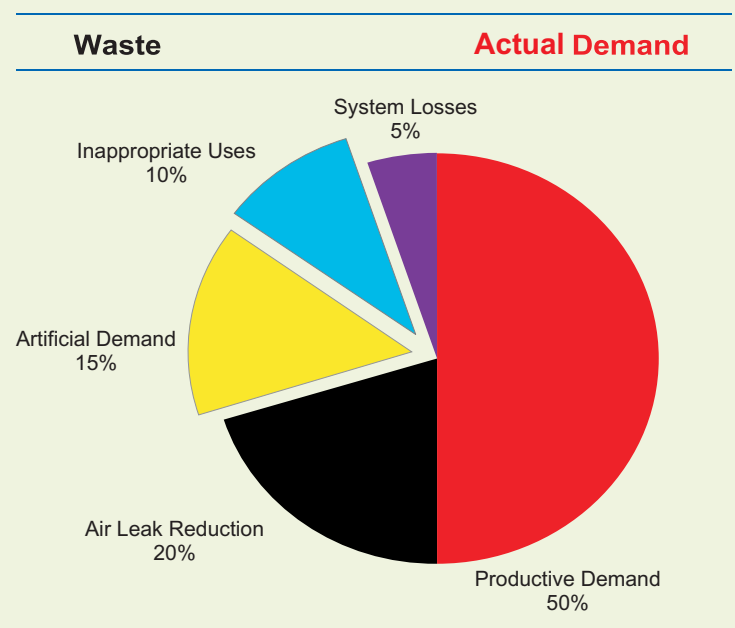
10 – 20% of the savings are commonly found on the supply side of a compressed air system by identifying areas of improvement in;

- Equipment
- Technology
- Controls
- Monitoring
- Equipment maintenance
- Installation issues

Demand Side

A further 20 to 30% of savings are commonly found on the demand side of a compressed air system by identifying areas of improvement in;

- Compressed air leaks
- Artificial demand
- System dynamics
- System design
- Monitoring & sub-monitoring



Our Customers



and many more...

Mission

Being a service provider in the field of compressed air energy saving, we will keep on exploring new cost saving ideas to make you profitable.