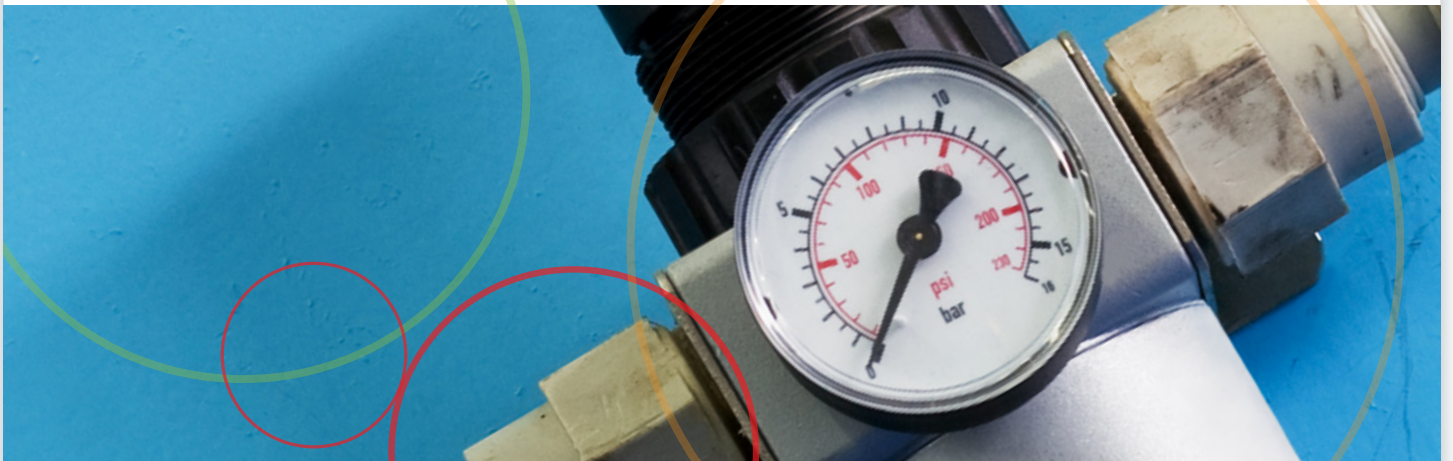




AUDITS
MONITORING
CONSERVATION

Fully Funded Compressed Air System Energy Audits



www.energynz.com



Compressed Air System Energy Audits

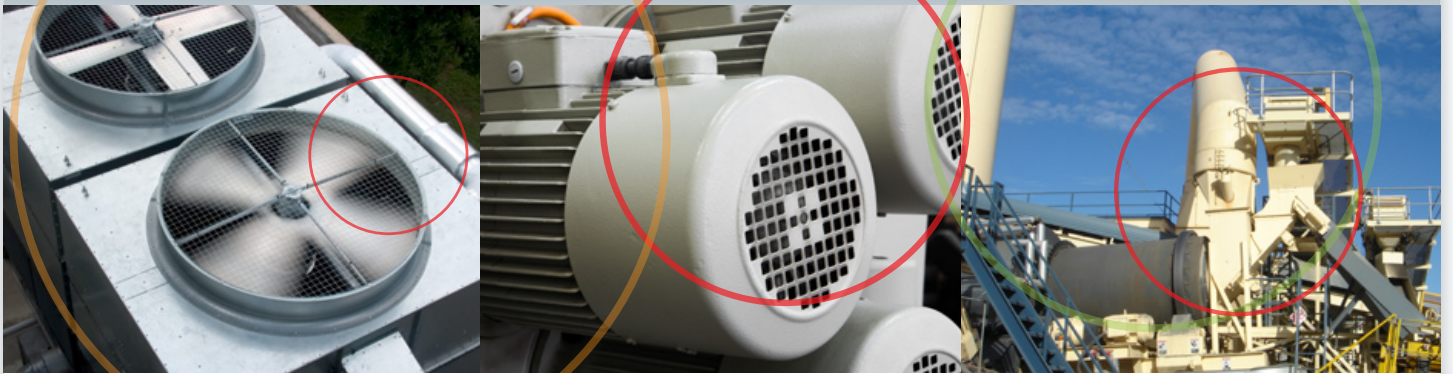
Compressed air is one of the most widely utilised plant services, making up around 10% of all industrial energy consumption. Compressed air systems are around 12.5% efficient overall and the associated energy consumption and cost are widely misunderstood.

Energy NZ's accredited compressed air auditors and certified ultrasonic leak detection engineers provide walk-through and in-depth compressed air system audits. These audits are fully funded for customers with installed compressed air capacity of 75kW or more..

Energy NZ's Compressed Air Auditing Services Include:

- Specific power consumption data logging of each compressor to evaluate energy consumption
- Assessing the appropriateness of current compressor setup
- Plant-wide pressure data logging for system pressure profiling
- Specific ultrasonic logging for large on-site users of compressed air
- Ultrasonic detection, tagging and cataloguing of each leak
- Investigation of heat recovery opportunities
- Recommendations to improve supply system performance and efficiency
- Complete engineering report of Energy NZ's findings and recommendations





Reporting

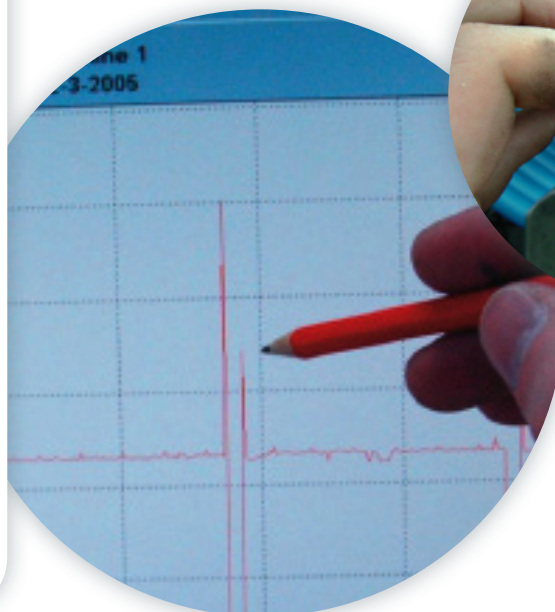
Energy NZ's compressed air audit report will give you a detailed summary of the operating profile of your current system, system dynamics and cost of operation.

We will identify inefficiencies found in the current system and provide you with an action plan to implement our recommendations.

Projected savings will be provided along with a list of equipment required, associated payback and IRR evaluations.

Benefits of Energy NZ's Compressed Air Auditing Services:

- Typical air compressor electricity savings of 20%-50%, and sometimes higher
- Increase in compressed air capacity, eliminating the need to upgrade equipment
- Reduced maintenance and increased service life of air compressors
- Better understanding of your compressed air system and annual running costs
- Possible Government funding towards large capital projects
- Reduction in plant noise



About Energy NZ

Energy NZ is an independently owned and operated New Zealand company offering the following range of services nationwide to some of New Zealand and Australia's largest industrial and commercial organisations:

- **Energy, water and carbon emissions auditing**
- **Energy procurement and contract renewals**
- **Transport and vehicle fleet audits**
- **Compressed air system audits**
- **Ultrasonic compressed air leak detection**
- **Infrared thermal imaging**
- **Power quality monitoring**

Our team includes electrical and mechanical engineers, accredited energy and compressed air system auditors and certified thermal imaging and ultrasound technicians.

Call us today on +64 9 488 0942 and allow Energy NZ to demonstrate how we can improve the energy efficiency of your business.

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