



PARSONSPEEBLES



# Ultrasound Energy Surveys

## Maximising cost savings through leak detection

Regular checks and maintenance of compressed air systems is extremely important. Air leak detection surveys can lead to cost savings for a business and reduced carbon emissions. The high costs of compressed air for any site means it is crucial to minimise wastage.

Parsons Peebles ultrasound leak detection service uses instruments which detect turbulent flow as the liquid or gas moves from the high pressure side to the low pressure side of a leak. This is especially beneficial in areas where a saturation of gas is recognised or where a wide variety of gases, pressurised vessels and vacuum processes exist.

Our detection service can be applied to any system containing gas movement, from compressed air leaks and heat exchanger tubes/plates to live testing of electrical transformers and faulty steam traps.

Our service offering is well suited to facilities which may not have the manpower to carry these inspections out inhouse. With Parsons Peebles experienced and certified Level 1 Airbourne Ultrasound engineers, we are well suited for the job.

*Compressed air is probably the most expensive energy source on your site. A 3mm hole in a compressed air system could cost £700 in wasted electricity.*

*Of the total energy supplied to a compressor, as little as 8% may be converted into useful energy.*

- Carbon Trust



### QUANTIFY

Quantify the leakage and costs

### REPORT

Provide a maintenance report

### TAG

Tag the leak

### RECORD

Capture a digital recording of the leak

### ENERGY SAVINGS

Provide breakdown of mitigated energy costs

1

2

3

4

5



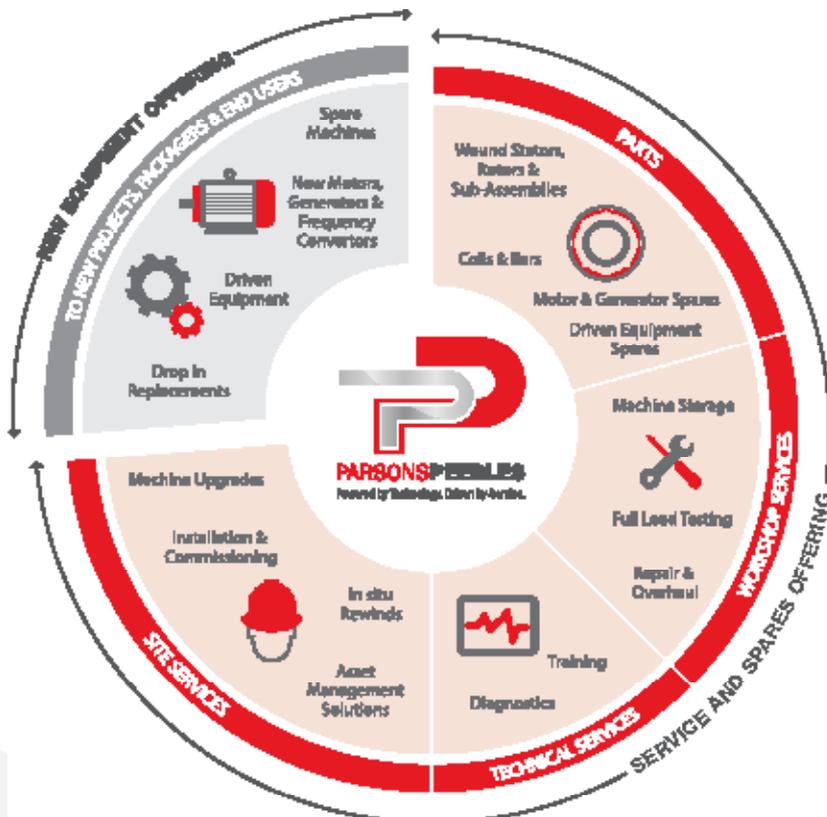
Powered by Technology. Driven by Service.  
[www.parsons-peebles.com](http://www.parsons-peebles.com)



PARSONSPEEBLES

We provide a complete portfolio of service solutions for motors, generators, pumps, gearboxes and compressed air solutions.

With 11 manufacturing and service workshops in the UK as well as representation worldwide, we are well positioned to ensure you receive a high quality, rapid service for all your electromechanical requirements.



#### Our locations

Avonmouth, BS11 9HS  
T: +44 (0) 1179 820 081

Cardiff, CF10 4DF  
T: +44 (0) 2920 481 831

Castle Donington, DE74 2NP  
T: +44 (0) 1332 850 346

Cornwall, PL26 7YH  
T: +44 (0) 1726 828 987

London, IG11 0BA  
T: +44 (0) 20 8591 9957

Reading, RG30 1DZ  
T: +44 (0) 845 408 4699

Rosyth, KY11 2EA  
T: +44 (0) 1383 421 150

Rotherham, S26 5NU  
T: +44 (0) 114 248 4391

Somerset, BA20 2YB  
T: +44 (0) 1935 703 685

Stonehouse, GL10 3RF  
T: +44 (0) 1453 826 433

For more information visit  
[www.parsons-peebles.com](http://www.parsons-peebles.com)  
or email: [uk@parsons-peebles.com](mailto:uk@parsons-peebles.com)

Powered by Technology. Driven by Service.  
[www.parsons-peebles.com](http://www.parsons-peebles.com)