

Energy Saving Consultations

Audit your business with Ace Air NI

Are you using your compressed air or industrial gas system optimally? If your answer is “I don’t know” or “definitely not”, you could be losing a lot of money. The costs of an inefficient or unreliable installation can quickly add up. But don't worry - an in-depth audit will help you determine how to maximize your air or gas equipment to improve its performance, reduce energy costs, and enhance your sustainability.



How we can help optimise your air, nitrogen or oxygen system

- We first assess the flow profiles within your compressed air/gas distribution network.
- We test your compressed air system's moisture, oil vapour and particle content to determine whether your air quality meets your requirements. For N₂ and O₂, we also assess the generated purity.
- Next, we measure the pressure drops in your air and N₂ network, to check the pipe sizing is suitable and minimises energy losses.
- A critical step when assessing the distribution network is finding any leaks - these are often one of the biggest contributors to wasted energy!
- Finally we will monitor the energy consumption of your compressed air equipment, including your compressor and dryer.

A complete auditing solution

At Ace Air NI, we offer a comprehensive auditing solution, from accurate measurement to expert advice.

1. Measurement:

Our specialist comes to you to install the data acquisition equipment. It's a plug-and-play, measurement, monitoring and logging device. It comes with all the tools needed to connect to your installation. The equipment does not interfere with your production during the data gathering process.

2. Analysis and expertise:

Our experts analyse and summarise your data in one report filled with actionable insights.

3. Result:

Optimising your air and gas system allows you to cut your energy costs, reduce your environmental footprint, and meet your quality and safety standards.



Interested? Call us on **028 9753 2993**
or email **sales@aceairni.com**

A wide range of auditing solutions

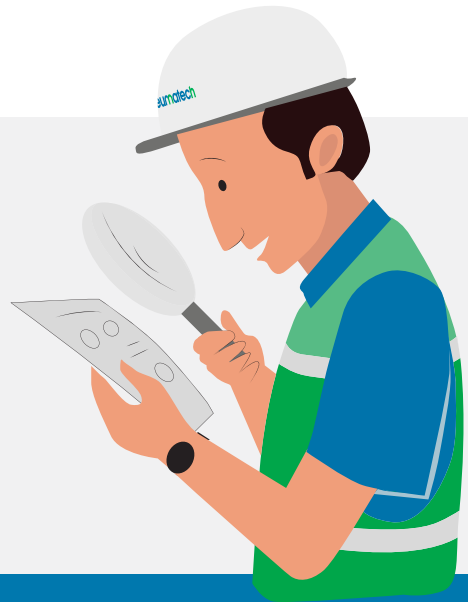
With over 120 years's combined experience, the team at Ace Air NI are experts when it comes to ensuring maximum efficiency and performance of compressed air and gas equipment. Using Pneumatech, the industry-leading air treatment and gas generator brand, you can be sure that you're receiving the sharpest knowledge in the business

We serve all industries and are particularly focused on ensuring our customers are aware of, and fully comply with, regulations for breathing air quality. If you would like to learn more, or aren't sure what you need to do to ensure breathing air quality, get in touch with us today and we'd be more than happy to help.

Audit step	What we measure & optimise	How it helps you
Nitrogen and compressed air flow	<ul style="list-style-type: none">• Determination of your optimal gas generator size based on your current N₂ flow.• Pre-check for compressed air leakages.	<ul style="list-style-type: none">• Make the switch to producing your own N₂ based on a data-driven assessment of the benefits you will enjoy.• Experience the energy efficiency and cost savings of generating N₂ with a system optimized to your needs and requirements.• Get an overview of all leakages in your network.
Air and gas PDP	<ul style="list-style-type: none">• Measurement of moisture content in compressed air and gases.• Analysis of dryer performance and efficiency.• Prevention of condensate in pipework and at the application.	<ul style="list-style-type: none">• Prevent damage to your air system, your pneumatic equipment and your products caused by condensate.• Ensure the required PDP for your sensitive applications.
Air and gas pressure	<ul style="list-style-type: none">• Measurement of the pressure in your compressed air and gas installation.• Measurement of the pressure drop in your air and gas piping, filters and dryers.	<ul style="list-style-type: none">• Enjoy the cost and emissions savings of optimised air and gas pressure and the elimination of pressure drops
Air, gas and vacuum leakages	<ul style="list-style-type: none">• Detection and analysis of leaks in your air, gas and vacuum network.• Sealing of leaks in your air, gas and vacuum system.	<ul style="list-style-type: none">• Significantly reduce costs and improve your environmental footprint by eliminating energy waste because of leaks.
Air system power consumption	<ul style="list-style-type: none">• Measurement of your air system's actual performance, including your compressor and dryer's power consumption.• Recommendations on how to adjust and optimise your air installation's performance and energy use.	<ul style="list-style-type: none">• Enjoy the energy cost savings of optimising your air system's power consumption. This will also reduce your environmental footprint.
Air oil vapour content	<ul style="list-style-type: none">• Testing for the presence of oil vapours.• Checking if your compressed air meets your quality class requirements for the presence/absence of oil vapours.• Checking if your installation meets breathing air standards.	<ul style="list-style-type: none">• Prevention of compressed air quality issues, especially for sensitive applications.
Air particle content	<ul style="list-style-type: none">• Checking if your compressed air meets your quality class requirements for particle content.	<ul style="list-style-type: none">• Prevention of compressed air quality issues that can affect your system, tools and final products.
Gas purity	<ul style="list-style-type: none">• Measurement of the purity of the N₂ or O₂ you generate.	<ul style="list-style-type: none">• Ensure the quality of your N₂ or O₂ supply to prevent compromising your final product.• Comply with Pharmacopeia and EU food grade standards where applicable.• Meet breathing air safety requirements.

Ace Air NI can help you save unnecessary costs!

Our energy audits are some of the best in the business, supported by the latest Pneumatech audit technology.



- For a limited time, we are offering **FREE** initial consultations to businesses in Northern Ireland.
- As part of the audit, we will also advise where any changes required to your system may be covered by the Power NI Government Grant scheme, to help you invest and grow your business sustainably and efficiently.
- If you'd like a free energy efficiency consultation, don't hesitate to contact us today! The offer expires on 29th August 2025 - so don't delay!



Call us on **028 9753 2993**
or email **sales@aceairni.com**

pneumatech
Pure air . Pure gas

Ace Air NI proudly represents Pneumatech in Northern Ireland and the Republic of Ireland.

To learn more about Pneumatech products, visit their website at pneumatech.com or call us on 028 9753 2993.



Visitor address:
27 Dromore St
Dromara
BT25 2BJ

Contact:
sales@aceairni.com
028 9753 2993
www.aceairni.com

Ace Air NI reserves the right to change or revise specifications and product design in connection with any features of our products. Such changes do not entitle the buyer to corresponding changes, improvement, additions or replacement for equipment previously sold or shipped. © 2025 Ace Air (NI) Ltd. All rights reserved.