A&N AIRTECH SOLUTIONS

Company Profile

Industrial Air, Vacuum, Gas & Refrigeration

Service. Maintenance. Overhaul. Installation. Commissioning.



Trust, Trade and Growth

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COMPANY OVERVIEW

A&N AirTech Solutions

Industrial air, vacuum, gas and refrigeration systems support.

A&N AirTech Solutions focuses on the reliable operation, performance and lifecycle care of compressed-air, vacuum, on-site gas-generation and refrigeration systems. We help customers plan maintenance, assess equipment condition and coordinate practical technical support.

Our service approach supports manufacturing, process plants, utilities, workshops and other facilities that depend on stable plant utilities. Equipment coverage and technical capability are confirmed against the model, site conditions and agreed service scope.



A practical maintenance partner

From routine inspection and preventive servicing to troubleshooting, repair assessment and commissioning support, each engagement begins with a clear understanding of the equipment and the customer priorities.

Vision and mission

Our vision is to be a trusted industrial air and gas systems service partner. Our mission is to provide safe, efficient service that helps customers protect equipment, maintain production continuity and make informed maintenance decisions.

Safety, reliability, integrity, customer partnership and continuous improvement guide our work. Images illustrate service and equipment categories.

AIRTECH SOLUTIONS

Industrial systems support

Reliable air, vacuum, gas and cooling utilities begin with informed equipment care.



Equipment we support

• **Air compressors:** oil-injected and oil-free systems, rotary screw and other industrial technologies, subject to model and service capability.

• **Air treatment:** refrigeration and desiccant dryers, filtration, condensate management and air-quality checks.

• **Vacuum and gas systems:** vacuum pumps, nitrogen and oxygen generators, blowers and associated utility equipment, subject to manufacturer procedures.

Service capabilities

Inspection and preventive maintenance; fault diagnosis and breakdown support; repair and major-overhaul assessment; installation assistance and commissioning checks; operating-performance reviews; spare-parts and consumables coordination; and service reporting with follow-up recommendations.

Refrigeration maintenance

Agreed work may cover compressors, condensers, evaporators, fans, pumps, piping, valves and controls. Checks address operating pressures and temperatures, alarms, lubrication, vibration, heat-exchanger cleanliness and water-side circulation. Leakage concerns are reported for qualified assessment; refrigerant handling and repairs require appropriately qualified personnel and applicable procedures.

Complete compressor-room care

A coordinated service scope can include compressor packages, motors and drives, cooling and lubrication systems, dryers and filters, receivers and pipework, drains and oil-water separators, cooling-water equipment, room ventilation and hot-air ducting, starters, VSDs, sensors and sequencing controls.

Pressure stability, dew-point indications, leakage observations, operating hours and sequencing are reviewed where applicable to identify reliability and energy-improvement opportunities. Access, competency and statutory requirements define the final scope.

ANNUAL MAINTENANCE CONTRACTS

Maintenance planned around your assets

AMC options align maintenance activity with equipment condition, operating hours and production priorities.

Flexible service models

AMC model	Typical approach
Preventive	Scheduled inspections and servicing at agreed intervals.
Non-comprehensive	Planned labour and checks; parts and major repairs quoted separately unless listed.
Comprehensive	Broader agreed coverage, potentially including response support and specifically listed parts or consumables.
Condition-based	Periodic condition reviews using inspection findings, available data and maintenance history.

Typical deliverables

Equipment survey and asset register; baseline condition review; annual service calendar; inspection checklists and readings; service reports; parts and overhaul planning; agreed call-out and escalation arrangements; and a periodic review of completed visits, recurring issues and open recommendations.

Integrated coverage and clear terms

An integrated AMC can bring compressor rooms, refrigeration and cooling utilities, vacuum pumps and selected gas-generation assets into one maintenance plan. Covered assets, visit frequency, labour, parts, service area, response targets, customer responsibilities and payment terms are defined in the proposal.

Travel, accommodation, taxes, refrigerant, major overhauls, statutory inspections and third-party specialist work are included only when expressly agreed. Uptime or savings commitments apply only where measurable conditions are specified in the signed contract.

DELIVERY & CONTACT

A clear route from enquiry to completion

A practical process with agreed scope, safe execution and documented follow-up.

01 Understand
Share your equipment details, requirement list, operating symptoms, site conditions and priorities.

02 Assess
We review specifications and available records, with inspection or diagnostics arranged as agreed.

03 Recommend
Receive proposed service options, parts requirements, commercial terms and a defined scope.

04 Execute
Approved service work is coordinated to agreed requirements and relevant site and manufacturer procedures.

05 Report and follow up
Service documentation records completed work, observations and recommended next steps.

Safety, quality and documentation

Work is planned around site induction, permits, isolation and lockout/tagout, risk controls and appropriate PPE. Scope changes are communicated for approval. Registration documents, product datasheets and other supporting records are provided as applicable and on request. Quotations use the currency agreed with the customer.

Talk to our team

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Typical sectors include manufacturing, food and beverage, pharmaceuticals, oil and gas, energy and utilities, water and wastewater, workshops and general industry. Serviceability and process-specific requirements are confirmed during technical review.