

# A-GAS<sup>®</sup>

Speciality Chemicals and Gases Worldwide



Refrigerants

Environmental Services

Industrial Special Products

Performance Chemicals

Fire Protection

## Vision and Values



*Our objective is to be the world's leading business in the supply and lifecycle management of speciality chemicals such as refrigerants, insulation agents, industrial gases and fire protection agents for use in industries operating in the HVAC, refrigeration, insulation, solvent, manufacturing and medical sectors.*

A-Gas believes in actively developing strong partnerships with customers and suppliers, enabling us to provide a range of solutions to address the requirements of our customers. A-Gas has developed strong strategic supply relationships with major international producers, sourcing our broad range of products solely from suppliers adhering to the highest quality standards. These relationships assist A-Gas in providing solutions to combat environmental challenges facing the industry.

A-Gas defines its culture and values using



- S**ense of Purpose, Sense of Fun
- P**rofessionalism and Leadership
- O**penness and Honesty
- T**rust and Respect

Spot-On is an internal campaign across the A-Gas group reinforcing the values and culture that have made us successful. It promotes a shared culture with behaviours that reflect our business values. Together with our policy of Zero Harm this provides our stakeholders with a common A-Gas experience worldwide.

## Markets We Serve

*A-Gas brings solutions to a variety of end user markets. Many of our products and services are available directly; our refrigerant business unit often works with wholesale partners.*

Below are just some of the markets and applications A-Gas serves:

MARKETS	APPLICATIONS
Agricultural	Fumigation agents and water treatment technology*
Automotive	Mobile air conditioning (MAC)
Aviation	Fire protection
Building services	Insulation agents, water treatment*, refrigerant recovery and air conditioning
Domestic, office and leisure	Air conditioning, refrigeration and water treatment*
Electronics	Packaging & finishing technologies, microelectronics and PCB**
Food processing, retail and cold rooms	Refrigeration and refrigerant recovery
Industrial	Process cooling, water treatment* and fire protection
Manufacturing	Brazing and welding
Medical	Water treatment*
Mines	Air conditioning, refrigeration and water treatment*
Transportation	Refrigeration and refrigerant recovery

\* Technologies for water treatment are available for a wide range of industries internationally via A-Zone Technologies. Please visit [www.azonetechnologies.co.uk](http://www.azonetechnologies.co.uk) for further information.

\*\* Speciality chemicals for the electronics industry are available via A-Gas Electronic Materials (formerly Chestech Ltd). Please visit [www.AgasEM.com](http://www.AgasEM.com) for further information.

## Commitment to Quality

One of the ways A-Gas aims to achieve its objectives is to consistently provide its customers with high quality products and services.

*We depend on our customers and therefore understand their current and future needs, meet their requirements and strive to exceed their expectations.*

To this end the company believes that it is necessary to adopt and remain committed to quality standards such as ISO management systems and the AHRI 700 specification, as an essential framework for meeting our objectives.

In addition to these quality standards A-Gas is committed to environmental and health and safety standards across our group:



### A-Gas Laboratories

The A-Gas laboratories situated in the United Kingdom, Australia, South Africa, China and the Americas are compliant with AHRI 700 standards ensuring all refrigerant both virgin and reclaimed meets the internationally recognised standard. Laboratory testing services include refrigerant identification, purity, moisture content, acidity, residue and impurity levels, e.g. R40 (methyl chloride).

A-Gas laboratories are a key component to quality procedures; test sampling is conducted throughout the reclamation process guaranteeing our reclaimed material is fully compliant with the AHRI 700 specification worldwide.



## Health, Safety and Community Support

*A-Gas is committed to achieving Zero Harm across all of our business. Zero Harm is about creating a sustainable workplace health and safety culture based on the principle that all injuries are preventable.*

It is a goal we have embraced to ensure that workplace health and safety forms an integral part of our values, and that the guiding principles are embedded into the fabric of our organisational culture and business decisions.



### A-Gas Community Support Programmes

We believe that a responsible approach to developing relationships between companies and the communities they serve, global or local, is a vital part of delivering business success.

A-Gas is engaged in both local and international community support programmes. Each of our locations supports local causes and sporting teams and our staff are also actively engaged in international charity fundraising events and activities.

Many of our locations support local charities and children's hospitals.

In addition to our sponsorship programmes we support local schools, universities and colleges, particularly with regard to engineering, so we welcome applications for graduate training programmes and industry placements.



## Your Solutions Provider

*A-Gas is at the forefront of the speciality chemicals and gases industry, bringing twenty-plus years' experience and excellence within the industry to our customers.*

As a market leader in our core locations, A-Gas offers a wide range of products and services worldwide. The A-Gas brand is synonymous with innovation, quality, professionalism and providing the highest levels of customer care across our global locations. At A-Gas we continuously strive to meet technical and environmental changes within our industry, to bring customers the widest choice of solutions backed up with our extensive technical knowledge and experience.

## The A-Gas Group



*A-Gas is an international company with headquarters in the UK and trading subsidiaries in the UK, South Africa, Australia, South East Asia, China, Thailand, the Americas and Mexico.*

Our global locations and expansion into new markets enable us to supply products and services globally in addition to utilising local market knowledge.

## Products and Services



- Hydrochlorofluorocarbons (HCFCs)\*
- Hydrofluorocarbons (HFCs)
- Hydrocarbons (HCs)
- Hydrofluoroolefins (HFOs)
- Not in Kind Refrigerants (NIK) e.g. CO<sub>2</sub> and NH<sub>3</sub>
- Secondary Heat Transfer Fluids
- Lubricants

### Refrigerants

\* available in countries where use is still permitted under current regulations



For further information on any of our products or services please contact your local A-Gas office.

Copies of our refrigerant and environmental services leaflets are available on request.



- Oxygen Free Nitrogen (OFN)
- Carbon Dioxide (CO<sub>2</sub>)
- Sulphur Hexafluoride
- Brazing and Welding Gases
- Industrial Hygiene Gases
- Leak Detection Gases
- Ethylene Oxide

### Industrial Special Products



### Environmental Services



- Refrigerant and Halocarbon lifecycle stewardship
- Refrigerant analysis
- Dedicated recovery vessels
- On site recovery
- Refrigerant separation technology
- Reclaimed refrigerants
- Refrigerant cleaning, banking and storage
- Reclamation facilities for all HFOs, HFCs, HCFCs and halon found in a wide variety of applications
- CFC recovery and destruction

Each of our global locations operate within 5 Strategic Business Units



### Fire Protection



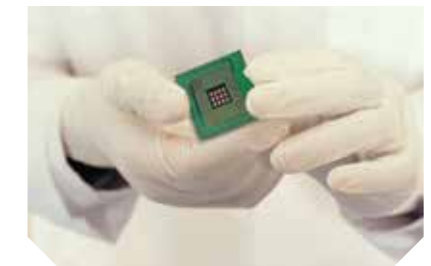
- Clean Agent Fire Suppressants:
  - HFC227ea
  - HFC125
  - HFC236fa
  - Novec™ 1230
- Recovery of Clean Agent Fire Suppressants
- Halon Management:
  - Recovery and reclamation
  - Banking
  - Analysis

## Supply and Delivery



- Blowing agents
- Fluorinated solvents and speciality chemicals
- Nocolok® flux (for brazing aluminium)
- Speciality chemicals for the electronics industry
- Fumigants
- Technology for water treatment

### Performance Chemicals



A-Gas supplies product in bulk (e.g. road tankers, iso tanks) or in a wide range of returnable and non-returnable cylinders (disposable cylinders are available where use is still permitted) and drums.

Wherever possible we actively manage supply chain logistics to ensure we meet customer needs on time in full.

## Global Offices

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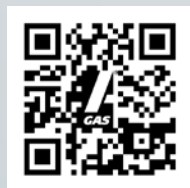
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and Gases

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