

Making our world more productive



Linde Thailand

Corporate Brochure



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Linde and Linde Thailand.

About Linde

Linde is a leading global industrial gases and engineering company. We live our mission of making our world more productive every day by providing high-quality solutions, technologies and services which are making our customers more successful and helping to sustain and protect our planet.

The company serves a variety of end markets including chemicals & refining, food & beverage, electronics, healthcare, manufacturing and primary metals. Linde's industrial gases are used in countless applications, from life-saving oxygen for hospitals to high-purity & specialty gases for electronics manufacturing, hydrogen for clean fuels and much more. Linde also delivers state-of-the-art gas processing solutions to support customer expansion, efficiency improvements and emissions reductions.

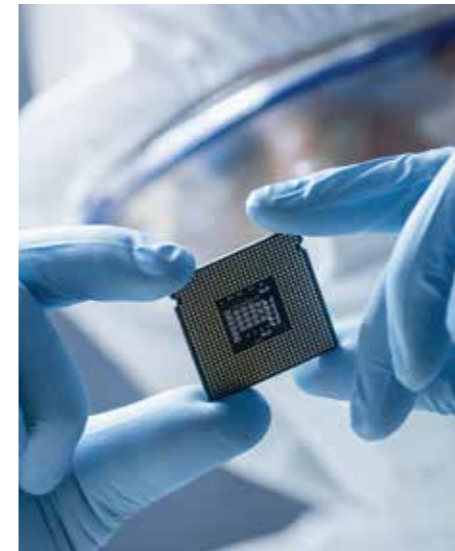
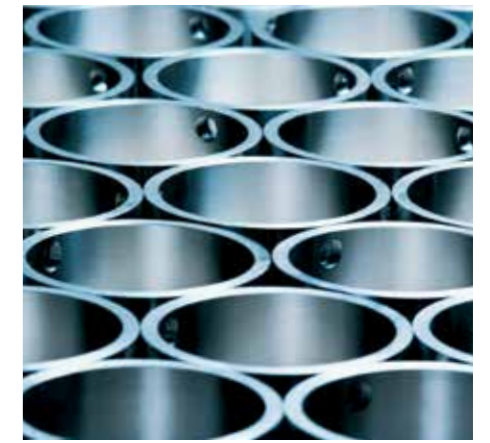
For more information about the company, please visit www.linde.com

About Linde Thailand

Linde has been present in Thailand since 1970. A leading industrial gas supplier in Thailand with 50 years of experience in the industry, it combines local knowledge with global expertise and resources in the areas of technology, research and development, gas applications, engineering and best operating practices.

Linde Thailand has expanded its footprint with well-established infrastructure to becoming the specialist in the provision of total gas solutions to a variety of industries. We have the widest range of bulk and compressed gases product lines, including oxygen, nitrogen, argon, carbon dioxide, hydrogen, acetylene, helium, shielding gases, high-purity gases, specialty gas mixtures, medical gases and provide a range of related services including installation of gas equipment, pipelines and associated engineering services.

For more information about the company, please visit www.linde.co.th





Our vision, mission, strategic direction & values.

Our Vision

To be the best performing global industrial gases and engineering company, where our people deliver innovative and sustainable solutions for our customers in a connected world.

Our Mission

Making our world more productive.

Our Values

Safety – We put safety first. We believe all incidents are preventable, and our goal is no harm to people, communities or the environment. We continuously work to improve our safety culture and performance worldwide.

Integrity – We always strive to achieve our goals ethically, and with the highest integrity. We expect transparent and respectful interactions between management, employees and our business partners, consistent with our Code of Business Integrity.

Community – We are committed to improving the communities where we live and work. Our charitable contributions, along with employee volunteerism, support initiatives that make important and sustainable contributions to our world.

Inclusion – We embrace diversity and inclusion in order to attract, develop and retain the best talent and build high-performance teams. By hearing all voices and benefiting from diverse opinions, thoughts and perspectives, we achieve our full promise and potential.

Accountability – We hold ourselves accountable for our performance, individually and collectively. We focus both on what we accomplish and how we accomplish it, and we are committed to delivering on individual and company goals.

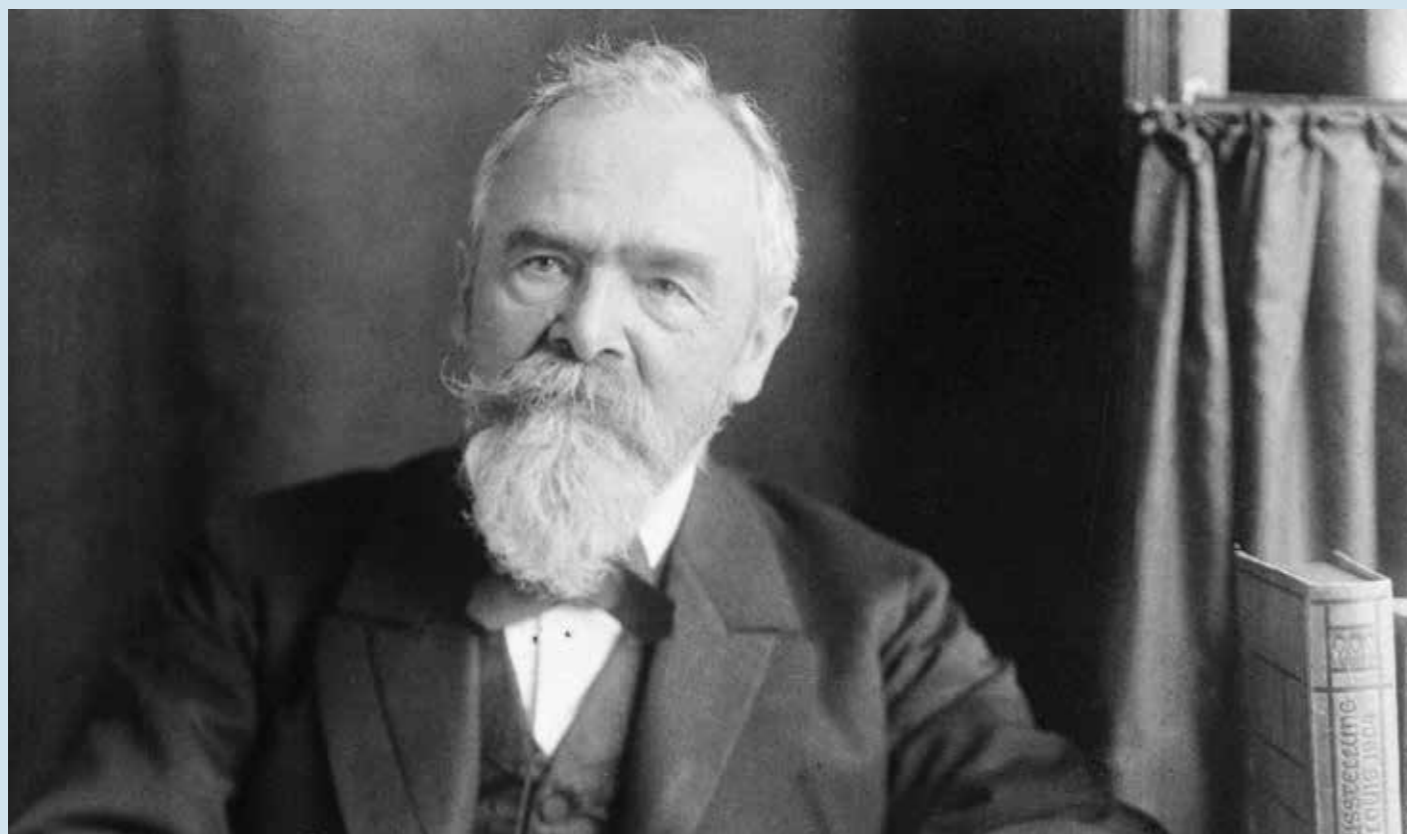


Our commitment.

Safety, health, quality and care for the environment are foundational principles of our business.

Our vision is for zero incidents; safe, secure and healthy working conditions for all who work with and for us; high quality, safe and environmentally responsible products and services that meet or exceed customer expectations.

We are relentless in our drive to develop and promote new technologies, products and services for the benefit of our customers and for our planet.



Carl von Linde (1842–1934) was a pioneer of refrigeration and industrial gas technology, one of Germany's most distinguished scientists and entrepreneurs and co-founder of Linde GmbH.

Our tradition. The spirit of innovation lives on.

The Linde Group has a history of over 140 years built on a heritage of innovation with a strong focus on technology. The company's founder, Carl von Linde, invented refrigeration technology and pioneered a process of air separation. Today, we are a global market leader in gases and engineering providing technology solutions for a wide range of industrial and other applications.

Linde plc

- 1879 Foundation of Gesellschaft für Linde's Eismaschinen AG in Wiesbaden, Germany
- 1880 Arthur and Leon Brin take out the first of their patents on a process for separating oxygen (barium oxide process)
- 1886 Foundation of Brin's Oxygen Company Ltd. (BOC)
- 1895 Granting of patent to Carl von Linde for the "process of liquefying atmospheric air or other gases"
- 1902 Patent for air separation and the construction of the first air separator allowing oxygen purity of up to 97%
- 1906 Linde and Brin's Oxygen Company Ltd. agree to use Linde's patents; Linde becomes shareholder in Brin's; Carl von Linde join the board; Brin's changes name to The British Oxygen Company Ltd. (BOC)
- 1959 Linde begins volume production of hydraulic units and forklifts
- 1978 BOC doubles its size upon completing the acquisition of Airco in the USA
- 1980s BOC enters Chinese market
- 1990 Construction of Linde's largest gas production plant at Leuna, Germany
- 1991 Linde expands gas business in Eastern Europe with the purchase of the leading Czech gas company, Technoplyn
- 2000 Linde, BOC and partners join hands to construct the world's largest nitrogen plant. It is used for enhanced oil recovery by pumping compressed nitrogen into the Cantarell oil fields in the Mexican gulf; European Commission approves Linde takeover of Swedish gas company AGA/Statoil
- 2004 Linde celebrates 125th anniversary; sale of Linde refrigeration business to Carrier Corp.
- 2006 Linde and BOC become the The Linde Group; both companies have around 130 years of history backed by a strong track record as innovators and technology leaders
- 2019 Linde and Praxair become Linde plc with combined experience of more than 140 years as the market leader in the gases industry

Linde Thailand

Linde Thailand has been the industrial gases market leader for the past 50 years. Through the years, Linde Thailand have expanded the footprint throughout the nation with well established infrastructure to support diverse industries through supply and service reliability. Moreover, the transformation business combination in 2019 leverages the strength of both Linde Thailand and Praxair Thailand to provide a more comprehensive set of products and solutions for our customers. Our combined technology portfolio and engineering expertise will enable the development and delivery of a wide range of products and solutions.

- 1960 Establishment of Thai Industrial Gases Public Company Limited (TIG) following a joint venture between BOC Gases Australia Limited, the Siam Commercial Bank Public Company Limited and the Crown Property Bureau
- 1982 TIG commissions the first Air Separation Unit (ASU) plant at Talan, Saraburi
- 1993 TIG commissions ASU Plant in Map Ta Phut, Rayong
- 1994 TIG commissions the largest ASU in Hat Yai, Songkhla province in southern Thailand for serving industrial and medical gases businesses
- 1995 TIG set up the cylinder business operation unit at Wellgrow, Chachoengsao
- 1996 TIG expands the Acetylene cylinder filling facility in Rayong (Rayong Acetylene-RAC)
- 2002 TIG commissions Hydrogen and Carbon Monoxide (HyCo) plant in Map Ta Phut, Rayong. Set up a scientific plant at Wellgrow, hub of mixture and calibration gases of Southeast Asia
- 2006 TIG becomes a wholly owned subsidiary of The Linde Group
- 2012 TIG rebrands as Linde Thailand in June 2012
- 2014 Linde Thailand commissions the largest liquid ASU plant in Thailand at Map Ta Phut, Rayong
- 2020 50 years celebrate of establishment in Thailand

Praxair Thailand

- 1972 Establishment of Liquid Carbonic Thailand Co., Ltd., has renamed Praxair (Thailand) Co., Ltd. is a subsidiary of Praxair, Inc., the largest industrial gas company in North and South America
- 1989 Praxair Thailand moves its CO₂ plant at Bangchak refinery to Map Ta Phut, Rayong and becomes the world's first CO₂ plant produced in natural gas separation plant
- 1996 Praxair acquires Liquid Carbonic and rebrands as Praxair (Thailand) Co., Ltd.
- 1997 Praxair Thailand establishes a CO₂ laboratory, one of the best laboratories in Asia for gas testing and analysis, in which is accredited to international standard ISO/IEC 17025 and services to customers more than 10 countries
- 2010 Praxair Thailand commissions the first ASU plant in Ayutthaya
- 2011 Praxair Thailand expands CO₂ capacity Unit 6 at Map Ta Phut, Rayong to serve growing demand

Linde Thailand.

Linde has been operating in Thailand since 1970 and is the leading industrial and medical gases supplier in the country.

With more than 10 distribution centers and network optimization of 14 plant locations, we specialise in providing total gas solutions of a variety of industries. We manufacture and distribute industrial, specialty, medical gases and provide a full range of related services including the installation of gas equipment, pipelines, on-site plants and associated engineering services.

With more than 50 years of experience in the gas industry in Thailand, Linde Thailand combines local knowledge with global expertise and resources in the areas of technology, research and development, gas applications, engineering and best operating practices.



Global technology and strong local capabilities.

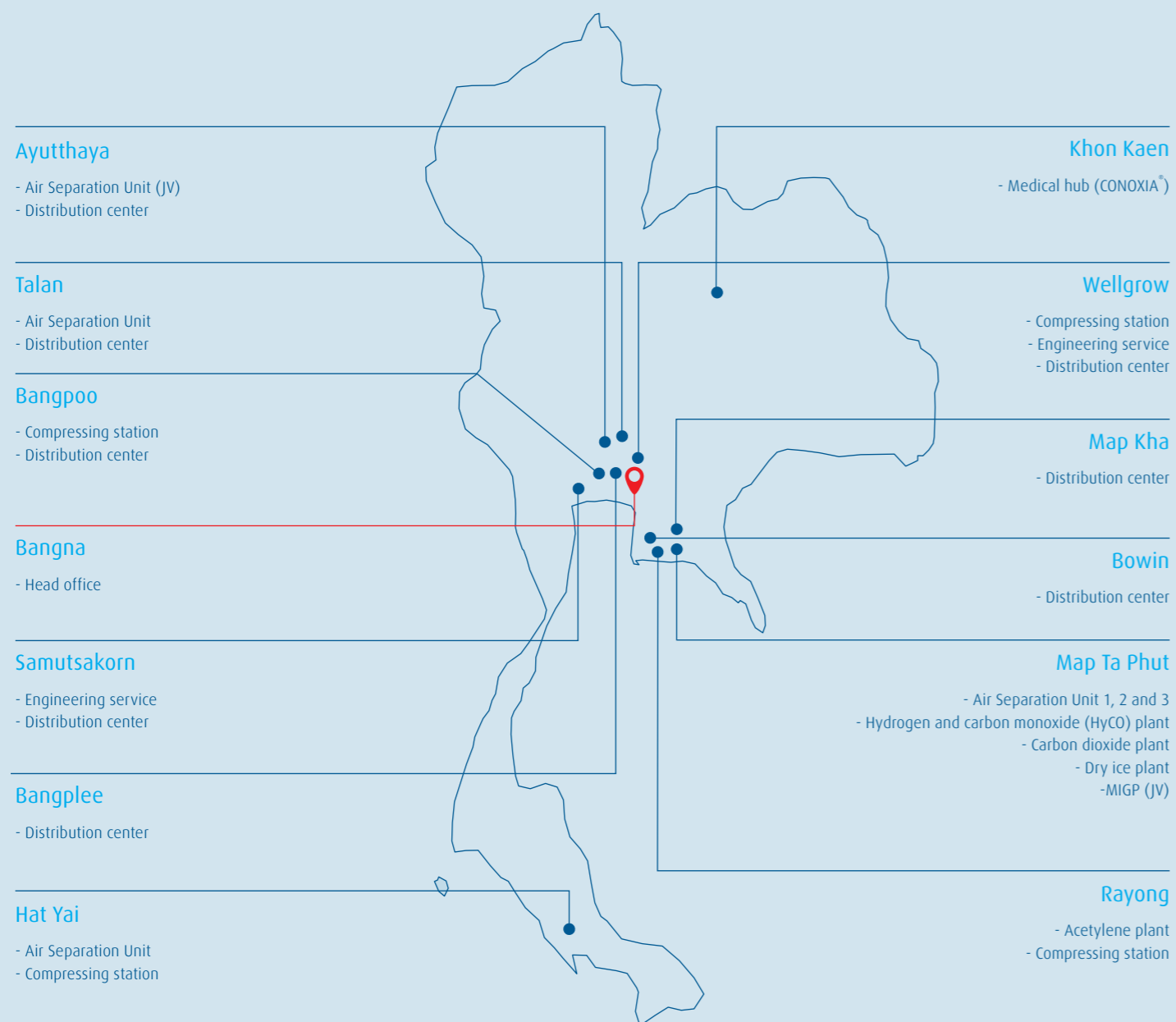
With solid local capabilities backed by global technology, Linde Thailand provides gas products, facilities and turnkey services and solutions which are customised to meet the unique needs of our customers and add value to their businesses.

We have the widest range of bulk and compressed gases product lines, including oxygen, nitrogen, argon, carbon dioxide, hydrogen, acetylene, helium, shielding gases, food-grade gases, rare gases, high-purity gases and specialty gas mixtures, among others.

Our customers are from a variety of industry sectors and span the electronics, semiconductors, shipbuilding, petrochemical, steel, metals, glass, food and beverage, fabrication, pharmaceutical and medical segments.

We view each business as unique and assess each customer's needs and requirements accordingly. Through a comprehensive survey of your business and technical capabilities, we will assist you in making the right choice to serve your business needs today and tomorrow.

We supply gases to our customers via a variety of transportation and distribution modes, including pipelines, on-site plants, bulk storage systems and an extensive fleet of vehicles consisting of cryogenic road tankers, hydrogen trailers and cylinder trucks.



Our products and solutions.

Industrial gases

- Compressed and Liquid Argon
- Compressed and Liquid Nitrogen
- Compressed and Liquid Oxygen
- Compressed and Liquid Carbon dioxide
- Acetylene
- Nitrous oxide
- Hydrogen
- Shielding gases
ARGOSHILD®
ALUSHIELD®
STAINSHIELD®
SPECSHIELD®
- Laser gases

Specialty gases

- High purity and Ultra-high purity gases
Argon, Nitrogen, Oxygen
Helium, Carbon dioxide, Hydrogen
Acetylene, Nitrous oxide
- Compressed and Liquid Helium
- Rare gases
Xenon, Krypton, Neon
- Hydrocarbon products
Methane, Ethane, Propane
- Packaged chemicals
Ammonia, HCL, SF₆, SO₂, HF
- Gas mixtures
Calibration gas mixtures
Lamp gases, Forming gases, others

Electronic specialty gases

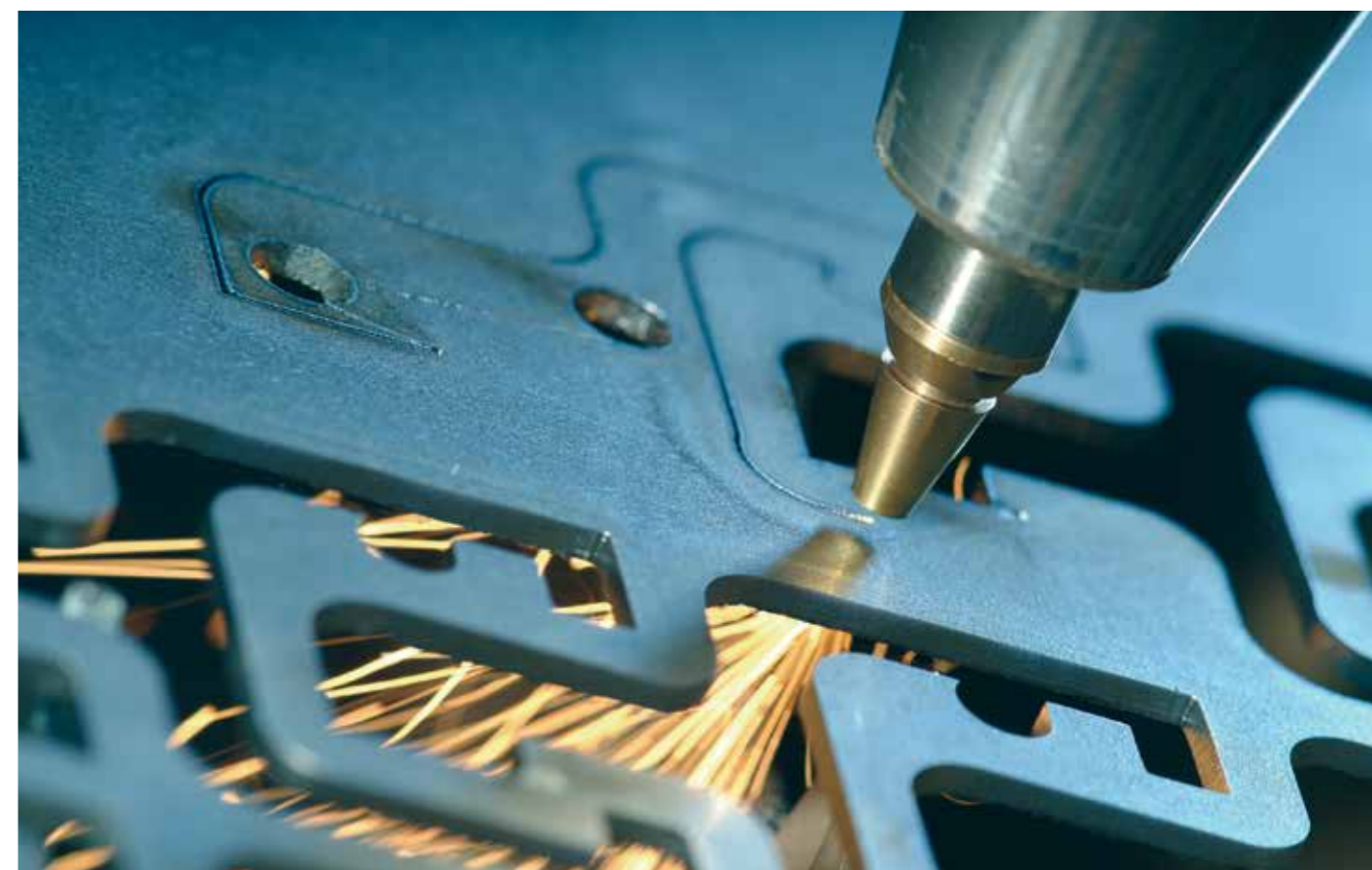
- Silane
- Ultra-high purity ammonia
- Ultra-high purity nitrous oxide
- Phosphorous oxychloride

Medical gases

- Medical oxygen
- Medical nitrous oxide
- CONOXIA®
(Mobile oxygen cylinder with Linde
Integrated Valve, LIV®)
- ENTONOX®
(50% Nitrous oxide + 50% Oxygen)
- Nitric oxide mixtures
- Specialty medical gases
- Medical engineering services

Applications

- Additive manufacturing processes
- Aquaculture
- Concrete solutions
- Controlled & Modified atmospheres
- Emissions solutions
- Food chilling / Freezing & Beverages
- Heat treatment
- Hydrogen solutions
- Melting & Heating
Glass, Steel and Non-ferrous metals
- Nitrogen service – Inerting & Purging
- Petrochemical
- Plastic & Rubber processing
- Pulp & Paper
- Water & Wastewater treatment



Industrial gases

Oxygen

Although oxygen itself is inflammable, it aids all flammable materials to burn more vigorously. As such, gaseous oxygen is mainly used in melting, welding and cutting in steel industries, ship breaking and ship building.

Nitrogen

Gaseous nitrogen is used in a variety of chemical processes and thermal treatments of metals. Liquid nitrogen is widely used as a rapid refrigerant for preserving food freshness and quick freezing. It is also being used in the manufacture of products based on small-molecule active pharmaceutical ingredients (API).

Argon

Argon is extensively used as a shielding gas in tungsten inert gas (TIG)/ metal inert gas (MIG) welding. Argon is also used as an ambient gas in special steel-refining procedures and in the manufacture of semiconductor chips and light bulbs.

Shielding gases

Selecting the right shielding gas can optimise your welding results. Not only do shielding gases protect the finished weld from the effects of oxygen and nitrogen in the atmosphere, they can also have a positive effect on weld metal properties such as strength, corrosion resistance and toughness. In addition, they can optimise the weld bead shape and size as well as the weld porosity and fusion. And that's not all – shielding gases can increase your productivity by accelerating the welding process and minimizing the amount of spatter.

Hydrogen

Hydrogen is extensively used as a carrier gas in gas chromatography. Hydrogen is also widely used as an ambient gas for annealing furnaces for special steels and sintering furnaces in powder metallurgy. It is also used in glass engineering and optical fibre processing.

Carbon dioxide

Carbon dioxide has many applications based on its varied properties. It is widely used in carbonated beverage manufacturing, food processing for cooling, preservation or pH control. It is also used to blanket chemicals, control pH in water treatment, shield metal welding, stimulate biological growth and as a fire-extinguishing agent. Solid carbon dioxide is commonly used as a cooling agent for temperature control, transport cooling and as blasting media in dry ice blasting services.

Acetylene

Acetylene is a colourless, combustible gas with a distinctive odour. Special precaution is required during its production and handling. Acetylene is commonly used in oxy-acetylene welding and metal cutting. It is also widely used as a raw material for the production of various organic chemicals needed in the preparation of polyurethane and polyester plastics.



Specialty gases

Ultra-high purity gases

Ultra-high purity gases are used as carrier gases in a variety of analytical equipment and provide standard data for zero-point corrections in the manufacturing process. They are thus essential in experiments, research, production of petrochemicals and environmental sectors.

Gas mixtures

Gas mixtures are unique to industry requirement. Different types of gas mixtures are used as calibration gases in laboratories, environmental monitoring, exhaust emission testing and research. They are also used in production process including forming gases.

Rare gases

Rare gases used in lighting manufacturing process, electronic & semiconductor and R&D.

Helium

Helium is inert and the 2nd lightest gas next to hydrogen. It is widely used as a carrier gas for analytical equipment, as balloons, gas mixtures for deep-sea diving and laser gases. Liquid helium is used to keep the superconducting magnets cool in MRI machines and NMR spectrometer.

Packaged chemicals

- **Sulphur hexafluoride (SF₆)**
Sulfur hexafluoride is primarily used as an insulating medium for a wide range of high voltage electrical and electronic equipment such as circuit breakers, switch gears and gas insulated transmission lines. It is also used for eye surgery in medical purposes and insulating windows in glass application.
- **Sulphur dioxide (SO₂)**
Sulfur dioxide is used in float glass production and florescent bulb manufacturing. It is also used as bleaching agent for oils and foods and preservative for beer & wine, canned & bottled foods and dried fruits in food & beverage applications.
- **Hydrogen chloride (HCl)**
Hydrogen chloride is a key material to promote and regenerate catalysts in the petrochemical industry and to add viscosity to oils. It is used to produce sulfuric chlorohydrin and synthetic rubber.



Electronic gases

We are the global supplier of ultra-high purity bulk, specialty gases, gas system and services to the semiconductors, solar, display, and LED markets.

A broad portfolio of products and services that add the highest value to our customers:

Electronic specialty gases and Chemicals

Silane (SiH₄)
Ammonia (NH₃)
Nitrous oxide (N₂O)
Phosphorous Oxychloride (POCl₃)
Carbon tetrafluoride (CF₄)
Hydrogen Chloride (HCl)
Sulfur hexafluoride (SF₆)
Specialty gas mixtures

Bulk gases

Nitrogen (N₂)
Oxygen (O₂)
Argon (Ar)
Hydrogen (H₂)
Helium (He)

On-site plants

Design, manufacture and operation

Gas systems and equipment

As a leading supplier of electronic gases, we have extensive experience in the design and installation of ultra-pure gas systems. Building on our in-depth understanding of gas properties, our proven design provide high levels of efficiency, reliability and safety.



Healthcare

Linde Thailand is a leading provider for medical gases and associated therapies. Reliability, safety and customer satisfaction are top priorities for our teams.

We have a history in innovating product and service solutions for our customers. Our true passion for healthcare lets us build up a profound expertise in medical gas and respiratory applications and clinical services. We continuously advance the development of gas-enabled therapies and devices that help to improve patients' care and sustain patients' lives.

Our aim is to support healthcare professionals in raising and maintaining standards of patients care through reliability and quality control throughout the chain of supply for our medical gases that ensures patient safety.

We have a full range of innovative Mobile Gas Packaging solutions for use in gas therapy applications such as mobile oxygen for patient transport.

Our medical engineering expertise, we can provide service solutions, gas supply system and equipment that best meet healthcare requirements.

High quality medical gases

Our medical gases meet the requirements of the Thailand Industrial Standards with reference from United States Pharmacopoeia and EU Pharmacopoeia.

- Medical oxygen
- Medical nitrous oxide
- CONOXIA®
(Mobile oxygen cylinder with Linde Integrated Valve, LIV®)
- ENTNOX®
(50% Nitrous oxide + 50% Oxygen)
- Specialty medical gases
- Nitric oxide mixtures
- Synthetic air

Medical engineering services

- Design and installation of medical gas pipelines complying with standards (HTM 2022, NFPA and MOPH)
- Risk assessment of medical gas supply and quality control system
- Preventive maintenance planning for medical equipment and pipelines
- Consultancy services



Greener future with Hydrogen

Looking to the future, Linde are committed to advancing technologies that pave the way for widespread production, distribution and adoption of Green Hydrogen. Green hydrogen generated by using renewable energy such as wind or solar power to split water (electrolysis) through our world's leading electrolyzer technologies.

The range of potential applications is vast. Hydrogen is used as a feedstock gas for industries, a zero-emissions source of fuel for trains, buses, trucks, cars, forklifts and ships. In addition, it is a source of heat and power for buildings and an idea buffer to store energy generated from renewable sources. Linde cryogenic plants are used to liquefy hydrogen so it can be transported and stored efficiently, synthesis plants for the production of green ammonia (NH₃) converting the produced hydrogen and nitrogen, respectively syngas stream.

Applications

- Industry feedstock
- Heat treatment
- Electronics
- Transportation
- Energy buffer
- Blending
- Heating
- Fertilizers
- Dehydrogenation



Application technologies

Our gases play a defining role in just about every sector of industry. They are used to improve competitiveness, cut process costs and enhance quality and productivity. In fact, many commonplace products, from soft drinks to car engine parts, would not be possible without industrial gases. Even more importantly, our innovative gas mixtures and application technologies are paving the way for more sustainable, green lifestyle choices and business practices.

- **Additive manufacturing processes:** Achieving best results in additive manufacturing with high-quality gases and gas solutions.
- **Aquaculture:** Exploring the impact of oxygen saturation on the growth rate, mortality and food conversion ratio of fish & shrimp.
- **Concrete solutions:** Providing an alternative solution for concrete curing in order to reduce carbon footprint and enhance strength and curing time.
- **Controlled & Modified atmospheres:** Using gases and innovative mixtures to preserve the quality of food and drinks, enhance greenhouse growth, preserve general health in fish farming and improve animal welfare in meat processing.
- **Freezing & Cooling:** Using cryogenic cooling and freezing power to enhance safety, productivity and environmental performance across a wide range of applications.
- **Plastic & Rubber:** Exploring the full potential of industrial gases to optimize plastic and rubber processing.
- **Pulp & Paper:** Offering a broad suite of dedicated solutions to increase efficiency and minimize environmental impact in pulp and paper production processing.
- **Water & Wastewater treatment:** Providing a full range of application technologies engineered to deliver the best water treatment results in a cost-effective way.



- **Emissions solutions:** Enabling pre- and post-combustion abatement projects with burners, gas supply equipment and turnkey installations.
- **Heat treatment:** Offering cutting-edge technologies and in-depth know-how to give you precision control over various heat treatment processes.
- **Hydrogen solutions:** Advancing hydrogen generation, storage and fueling technologies to pave the way for regenerative, sustainable mobility choices in our everyday lives.
- **Inerting, purging, sparging:** Managing safety, degradation and quality risks with a wide range of purging, inerting and blanketing solutions for industrial and food & beverage applications.
- **Melting & Heating:** Supporting all your heating requirements with innovative, safe gas supply schemes and application technologies designed to enhance quality and increase production capacity and reduce fuel consumption as well as emission control in Glass, Steel, and Non-Ferrous metals.
- **Petrochemical processing & Refining:** Supporting gas-enabled petrochemical processing and refining steps with a broad spectrum of gas-related solutions, spanning state-of-the-art application technologies, end-to-end hardware supply schemes and development tools.



Our supply options.

Bulk distribution system

With bulk distribution, gases like oxygen, nitrogen, argon and helium are supplied as liquids because this requires smaller storage capacity than gas. The liquid is delivered by our dedicated fleet of cryogenic tankers into vacuum insulated bulk storage vessels that we usually own and maintain on customer premises. This provides a safe and cost-effective method of bulk delivery to the customer.

Pipeline supply system

These extremely large requirements of oxygen, nitrogen, hydrogen, carbon monoxide or syngas can be supplied via a pipeline or pipeline networks.

A production plant can be placed next to an individual customer or several production plants may be connected to a pipeline network which serves a number of customers located within the same industrial cluster or geography.

The robustness of supply comes from combination of extensive pipeline network. Linde has large storage capacity which locate in locations around Map Ta Phut area, Saraburi, Ayutthaya, large fleet capacity and Linde has continuously expanded its pipeline capacity.

Cylinder distribution system

This method satisfies our customers' demand for flexible delivery of gases. We supply liquid oxygen, nitrogen and argon in liquefied gas cylinders, and gaseous oxygen, nitrogen, argon, helium, hydrogen, carbon dioxide, specialty gases and other products in cylinders. The cylinders are supplied in high or low pressure and a range of different sizes, depending on the properties of the gas and the usage of the customers.

SOS On-site supply solutions

Linde is a global leader in On-site Technology. With one of the world's leading plant supply engineering divisions in-house, Linde offers on-site gas supply solutions with reliability and cost efficiency to customers.

Linde On-site supply scheme comprises a build-own-operate standard plant, back-up system, 24-7-365 remote monitoring and control system to ensure uninterrupted supply all year round. It is a cost-effective solution for long-term gas needs, constant base load, continuous running.

For nitrogen and oxygen small on-site plants are available to supply from 200- 10,000 Nm₃/hr at a wide range for purities and pressure to meet many applications.



Our services.

At Linde Thailand, we have a group of highly qualified and experienced engineers, product managers, technologists and marketers excel in providing dedicated support and innovative solutions to meet the needs of our customers in various industries.

As a Linde customer, you will receive the complete solutions for each application. These include:

- Our know-how, tailor-made hardware and customised services
- Contractual maintenance on customers' own system and equipment
- Gas control system and pipeline installation
- Engineering auditing on gas supply system according to Linde standards
- Gas properties and safety training
- Gas pipeline inspection, leakage or pressure testing
- Gas purity measurement
- Mobile nitrogen purging services
- Design and install advanced gas supply systems
- Gas mixer equipment

Customer Engineering Service

To ensure our installed gas equipment such as storage tanks or gas pipelines are ready to serve your production needs, our customer engineering team is available 24/7 for prompt emergency support.

The services include:

- Gas supply system design, installation and commissioning
- Gas application equipment
- Preventive and corrective maintenance
- 24/7 emergency services

Customer Care Center

Our customers can rely on our expertise to enhance their productivity. Our skilled customer service staff are always ready to help you in the following areas:

- Order taking
- Order tracking
- Primary problem solving

Contact our Customer Care Center at 1384



Tailor-made hardware and customised services

Our engineers with varied backgrounds in welding, chemicals, mechanics and metallurgy, among others, have many years of practical experience and will work with you to create solutions and improve operations. We can offer specific hardware for gas applications and gas supply which includes developing customised devices, as well as building and testing them to get the most value out of a gas application. We find the best process, equipment, personnel and gas supply for each of our customers.

Here are just a few examples of hardware developed by Linde used in different applications:

Burners for furnace technology

We offer a wide range of self-developed oxygen burners for the most diverse ovens and furnaces. For example, a wide flame burner for glass melting baths, furnaces for producing steel (EAF), furnaces for aluminum melting, as well as furnaces for lead recycling.

Tunnel freezers for quick-freezing food

Our different types of freezers are used in all areas of food refrigeration and can be integrated into existing production lines. They offer optimum refrigerant utilisation, are safe and easy to use, and need relatively little space.

Hardware for environmental technology

Potable water processing, surface-water remediation and wastewater treatment all require oxygen. We have developed special processes for oxygenating water economically, together with the necessary hardware (e.g., specially perforated aeration tubes and pressure vessels).

Everything that is needed for reliable operation

We offer professional support for operating technical plants – ranging from engineering and consulting through financing of the plants right up to installation and maintenance. We also provide the necessary resources and personnel and assume responsibility for safety functions such as tele-monitoring and remote control.

Linde laboratory

Linde laboratory is a certified ISO/IEC 17025:2017 and listed in approved analytical laboratory service of major international bottlers and food industry to analysis gases supply for instant, CO₂ feed gas, CO₂ product and nitrogen product. Our new laboratory service has extended analysis scope of industrial gas products such as H₂, CO, O₂, N₂, and Ar.

Our laboratory service is equipped with state-of-the art technologies and expertise in gas quality testing to a wide range of customers with international standard requirements (ISBT) and the major international bottlers requirements.



Our people. Working towards a better future.

We make a difference in many ways: through our technology, our understanding of our customers' industries and our knowledge of the markets in which we operate. All this is possible because of our people.

We are proud of our talented team who work to provide value-added technology solutions tailored to our customers' needs reliably, efficiently and safely. At Linde, we foster a culture of continuous improvement, where we nurture among our employees a drive to learn, innovate and grow. We empower our people to generate ideas, identify opportunities, push boundaries and realise goals.

We believe in giving back to the community that has provided a conducive environment for us to succeed as we work towards our ambition to become a high performance organisation; a leading company admired for our people. We have initiated and participated in various corporate responsibility activities including tree planting, river cleaning, disaster relief for flood victims, educational, skills training, providing computers to political institutions and donations to charitable organisations in Thailand.



Our locations and sites in Thailand.

Head Office

15th Floor, Bangna Tower A
2/3 Moo 14, Bangna-Trad Road, (K.M. 6.5)
T. Bangkaew, A. Bangplee,
Samutprakarn 10540, Thailand
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Fax +66 2 312 0126

Customer Care Center 1384

Phone +66 2 338 6338
Email: csc.lg.th@linde.com

Talan Plant

50 Moo 11, Talan-Tarua Road,
T. Bangkhamode, A. Banmor,
Saraburi 18130, Thailand

Hat Yai Plant

212 Asia Road, T. Banphu, A. Hatyai,
Songkhla 90250, Thailand

Map Ta Phut Plant (ASU1&2)

10 Map Ta Phut Industrial Estate
I-4 Road, T. Map Ta Phut, A. Muang,
Rayong 21150, Thailand

Map Ta Phut Plant (ASU3)

39 Soi G5 Pakornsongkroarach Road,
T. Huaypong, Muang Rayong,
Rayong 21150, Thailand

Wellgrow Operation Center

105 Moo 5, T. Bangsamak, A. Bangpakong,
Chacheongsao 24180, Thailand

Bangpoo Branch

569 Moo 2 T. Bangpoomai, A. Muang,
Samutprakarn 10280, Thailand

Khon Kaen Branch

226 Moo 17, T. Tha Pha, A. Muang,
Khon Kaen 40260, Thailand

Samutsakorn Branch

1/66 Moo 2, Samutsakorn Industrial Estate
T. Tasai, A. Muang,
Samutsakorn 74000, Thailand

Rayong Branch

18/1 Map Ta Phut Industrial Estate
Pakornsongkroarach Road,
T. Huaypong, A. Muang,
Rayong 21150, Thailand

Bowin Branch

64/13 Moo 4, Eastern Seaboard
Industrial Estate
T. Pluakdaeng, A. Pluakdaeng,
Rayong 21140, Thailand

Distribution Depot (Wangnoi)

118/15 Moo 1, T. Lamsai, A. Wang Noi,
Phra Nakhon Si Ayutthaya 13170, Thailand

Distribution Depot (Mahachai)

82/22 Moo 5, T. Khokkham, A. Muang,
Samut Sakhon 74000, Thailand

Distribution Depot (Bangplee 1)

156 Moo 16, Theparak Road,
T. Bangsaothong, A. Bangsaothong,
Samutprakarn 10540, Thailand

Distribution Depot (Bangplee 2)

9/44 Moo 3, T. Bangsaothong,
King Amphoe Bangsaothong,
Samutprakarn 10540, Thailand

Map Kha Distribution Center

21/30 Nation Highway No.36 Road,
T. Mapkha, A. Nikhom Phattana,
Rayong 21180, Thailand

Rayong Acetylene Limited

299/13 Moo 5, Sukhumvit Road,
T. Cheongnarn, A. Muang,
Rayong 21000, Thailand

Linde Air Chemical Limited (Plant 1&2)

555 Sukhumvit Road,
T. Map Ta Phut, A. Muang,
Rayong 21150, Thailand

Linde Air Chemical Limited (Plant 3)

269 Sukhumvit Road,
T. Map Ta Phut, A. Muang,
Rayong 21150, Thailand

Linde HyCO Limited

10 Map Ta Phut Industrial Estate, I-4 Road,
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MIG Production Limited (JV)

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Ayutthaya Industrial Gases Co., Ltd. (JV)

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