Air Liquide is the world leader in gases and solutions, delivering on-site nitrogen supplies. Our on-site nitrogen supply system, the FLOXAL™, provides reliable gas supply for your operations, ensuring: continuous and reliable gas supply, guaranteed performance, adequate bulk back-up storage, full support for installation, operation, and maintenance, and Air Liquide’s expertise in risk management.

FLOXAL™ in numbers:
- More than 4,500 on-site systems running 24/7 service
- Over 30 years of experience with on-site solutions
- Worldwide market share over 25%
- EOX — the most productive on-site gaseous oxygen generation technology
- HYOS-R — state-of-the-art mid-range on-site hydrogen generator

The on-site gas solution for your peace of mind
Guaranteed to meet your on-site generated gas needs

For customers who depend on reliable and competitive gas supply to run their operations, we dedicate our resources (financial, human, know-how, equipment) to deliver the most adapted on-site gas supply solution. From initial investment to daily operation, we take everything in hand including installation, operation and maintenance, telemonitored performance tracking, full back-up. Through our total commitment and full support service, you can count on us every day, anywhere, to meet your gas requirement.

In the early 1990s we pioneered the full service offer built around on-site generation and are now running more than 4,500 on-site systems worldwide. With our 30 years of experience in a wide range of industry sectors backed by the century-long Air Liquide expertise with gases, we understand the unique nature of your needs and bring you the most adapted supply service.

Acting as the world leader in gases, technologies and services for Industry and Health, we constantly innovate thanks to more than 1,000 researchers in 8 main R&D centers across the world to make sure we provide you with state of the art material delivering performance.

The Air Liquide promise

When working with Air Liquide, you benefit from the strength of a global group, mastering all aspects of industrial gases, and from the capacity of its local teams to meet your specific needs.

Flexible supply, consistent quality

We establish a partnership with you, your needs evolving in parallel to our complete range of products and solutions. Whether you need to upgrade to a larger capacity plant or trim down to cylinder or bulk supply over time, the Air Liquide team will help you switch from one solution to the other as needed.

Take advantage of the Air Liquide technological powerhouse

When you choose Air Liquide FLOXAL TM, you are sure to be equipped with state of the art generation and operation technology up to date on our entire fleet, including existing systems already installed. You are also guaranteed to benefit from our century-long expertise and know-how in gas generation and from the support and continuous innovations from our engineers.

We rigorously assess all the equipment we design and operate through our Industrial Risk Management system

Air Liquide has developed a fully integrated quality system with a special focus on quality, respect of the environment and reliability. Our Industrial Management System (IMS) is inspired from best practices of TQM and Six Sigma and is our method to ensure Air Liquide operates in a way that:

• focuses on safety of production operations and distribution,
• maintains compliance with regulations,
• respects the Air Liquide Group manufacturing procedures,
• improves reliability of our production processes.

A dedicated solution customized to meet the specific requirements of your industry

FLOXAL™ in numbers

- More than 4,500 on-site systems running 24/7 service
- Over 30 years experience with on-site systems
- Worldwide market share over 25%
Guaranteed to meet your on-site generated gas needs

For customers who depend on reliable and competitive gas supply to run their operations, we dedicate our resources (financial, human, know-how, equipment) to deliver the most adapted on-site gas supply solution. From initial investment to daily operation, we take everything in hand including installation, operation and maintenance, telemonitored performance tracking, full back-up. Through our total commitment and full support service, you can count on us every day, anywhere, to meet your gas requirement.

In the early 1990s we pioneered the full service offer built around on-site generation and are now running more than 4,500 on-site systems worldwide. By now and over 30 years of experience in a wide range of industry sectors backed by the century-long Air Liquide expertise with gases, we understand the unique nature of your needs and bring you the most adapted supply service.

Acting as the world leader in gases, technologies and services for Industry and Health, we constantly innovate thanks to more than 1,000 researchers in 8 main R&D centers across the world to make sure we provide you with state-of-the-art material delivering performance.

The Air Liquide promise

When working with Air Liquide, you benefit from the strength of a global group, mastering all aspects of industrial gases, and from the capacity of the local teams to meet your specific needs.

Flexible supply, consistent quality

We can adapt our partnership with you to your needs exhaustively in our complete range of products and solutions. Whether you need to upgrade to a larger capacity plant or trim down to cylinder or bulk supply over time, the Air Liquide team will help you switch from one solution to the other as needed.

Take advantage of the Air Liquide technological powerhouse

When you choose Air Liquide® FLOXAL™, you are sure to be equipped with state-of-the-art generation as we keep the operation technology up to date on our entire fleet, including existing systems already installed. You are also guaranteed a benefit from our century-long expertise and know-how in gas generation and from the support and continuous innovations from our engineers.

We rigorously assess all the equipment we design and operate through our Industrial Risk Management system.

Air Liquide has developed a fully integrated quality system with a special focus on safety, respect of the environment and reliability. Our Industrial Management System (IMS) is inspired from best practices of TQM and Six Sigma and is our method to ensure Air Liquide operates in a way that:

- focuses on safety of production operations and distribution,
- maintains compliance with regulations,
- respects the Air Liquide Group manufacturing procedures,
- improves reliability of our production processes.

A dedicated solution customized to meet the specific requirements of your industry

When you choose Air Liquide, you benefit from the know-how and expertise of a global leader in gases, technologies and services for Industry and Health. We offer a full range of innovative solutions to meet your unique needs efficiently.

- Materials & Energy
  - Mining
  - Oil & Gas
  - Waste recycling
  - Glass manufacturing
  - Iron & Steel
  - Pulp & Paper
  - Metal product transformation
  - Non-ferrous metal refining

- Food & Pharma
  - Pharmaceutical industry
  - Beverages
  - MAP
  - Fine chemicals
  - Cosmetics
  - Edible oil processing
  - Wine and spirits

- Automotive & Fabrication
  - Heat treatment services
  - Automotive components fabrication
  - Aerospace
  - Aerospace components
  - Tire curing

- Technology & Research
  - Electronic Components & Products
  - Electrical equipment up to 6.6 kV
  - Solar materials and components
  - Optical materials

- Energy & Power
  - Natural gas
  - Compressed air
  - Power generation
  - Ceramic and glass products

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  - Mining
  - Oil & Gas
  - Waste recycling
  - Glass manufacturing
  - Iron & Steel
  - Pulp & Paper
  - Metal product transformation
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  - Heat treatment services
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  - Tire curing

- Technology & Research
  - Electronic Components & Products
  - Electrical equipment up to 6.6 kV
  - Solar materials and components
  - Optical materials

- Energy & Power
  - Natural gas
  - Compressed air
  - Power generation
  - Ceramic and glass products

FLOXAL™ in numbers

- More than 4,500 on-site systems running
- Over 20 years experience with on-site systems
- Worldwide market share over 25%
Guaranteed to meet your on-site generated gas needs

For customers who depend on reliable and competitive gas supply to run their operations, we dedicate our resources (financial, human, know-how, equipment) to deliver the most adapted on-site gas supply solution. From initial investment to daily operation, we take everything in hand including installation, operation and maintenance, telemonitored performance tracking, full back-up. Through our total commitment and full support service, you can count on us every day, anywhere, to meet your gas requirement.

In the early 1990s we pioneered the full service offer built around on-site generation and are now running more than 4,500 on-site systems worldwide. Proud of our 30 years of experience in a wide range of industry sectors backed by the century-long Air Liquide expertise with gases, we understand the unique nature of your needs and bring you the most adapted supply service.

Acting as the world leader in gases, technologies and services for Industry and Health, we constantly innovate thanks to more than 1,000 researchers in 8 main R&D centers across the world to make sure we provide you with state of the art material delivering performance.

The Air Liquide promise

When working with Air Liquide, you benefit from the strength of a global group, marketing all aspects of industrial gases, and from the capacity of its local teams to meet your specific needs.

Flexible supply. consistent quality

We can adapt our partnership with you as your needs evolve thanks to our complete range of products and solutions. Whether you need to upgrade to a larger capacity plant or trim down to cylinder or bulk supply over time, the Air Liquide team will help you switch from one solution to the other as needed.

Take advantage of the Air Liquide technological powerhouse

When you choose Air Liquide FLOXAL™, you are sure to be equipped with state-of-the-art generations as we keep the operation technology up-to-date on our entire fleet, including existing systems already installed. You are also guaranteed to benefit from our century-long expertise and those new in gas generations and from the support and continuous innovations from our engineers.

We rigorously assess all the equipment we design and operate through our Industrial Risk Management system.

Air Liquide has developed a fully integrated quality system with a special focus on safety, respect of the environment and reliability. Our Industrial Management System (IMS) is inspired from best practices of ISO and Six Sigma and is our method to ensure Air Liquide operates in a way that:

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- maintains compliance with regulations,
- respects the Air Liquide Group manufacturing procedures,
- improves reliability of our production processes.

A dedicated solution customized to meet the specific requirements of your industry

- Mining
- Oil & Gas
- Waste recycling
- Glass manufacturing
- Iron & Steel
- Paper & Pulp
- Metal production
- Metal manufacturing
- Chemicals
- Pharmaceuticals
- Beverages
- Edible oil processing
- Wine and spirits
- Optoelectronics
- Solar materials
- Fiber optics
- Aeronautics
- Tire curing
- Automotive parts
- Electronic components & products
- Electrical & lighting equipment
- Gases for industry
- Materials & Energy
- Food & Pharma
- Technology & Research
- Heat treatment services
- Special applications
- Automotive parts
- Aerospace
- Medical and surgical products
- Medical gases
- Process gases
- Special gases
**What FLOXAL™ means for you**

Because you need reliable gas supply for your operations, we guarantee a convenient worry-free on-site solution, so that you can focus on your business:

- Continuous and reliable gas supply - Guaranteed performance
- Adequate bulk back-up storage
- Full support: installations, operation and maintenance handled by Air Liquide
- Air Liquide expertise in risk management
- Tele-monitored performance tracking and assurance via networks of Alarm Response Centres

The FLOXAL™ offer covers the supply of gas generated at your site - using plants invested, operated and maintained by Air Liquide - to meet your demand specifications, with full back-up and guaranteed performance.

Three molecules are offered under the FLOXAL™ brand:

- Nitrogen
- Oxygen
- Hydrogen

For each molecule, various generation technologies are used to ensure your satisfaction at a competitive price.

**Air Liquide’s Industrial Merchant Business Line delivers industrial gases and innovative solutions, including application technologies, equipment and services. From independent professionals to large industrial companies, our 33,500 employees serve over 2 million customers daily across 75 countries. They use their unmatched business and technical capabilities to develop gas solutions that boost the performance of industries and help them to increase product quality, unlock greater competitiveness and minimize the environmental footprint of their manufacturing processes.**

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**Contact us**

Air Liquide - IM-WBL
75 quai d’Orsay
75321 Paris Cedex 07 - France
www.airliquide.com

The world leader in gases, technologies and services for Industry and Health, Air Liquide is present in 80 countries with approximately 67,000 employees and serves more than 3 million customers and patients.
What **FLOXAL™** means for you

Because you need reliable gas supply to run your operations, we guarantee a convenient worry-free on-site solution, so that you can focus on your business:

- Continuous and reliable gas supply - Guaranteed performance
- Adequate bulk back-up storage
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For each molecule, various generation technologies are used to ensure your satisfaction at a competitive price.

**FLOXAL™** in brief

The **FLOXAL™** offer covers the supply of gas generated at your site - using plants invested, operated and maintained by Air Liquide - to meet your demand specifications, with full back-up and guaranteed performance.

- **Nitrogen**
- **Oxygen**
- **Hydrogen**

Air Liquide's Industrial Merchant Business Line delivers industrial gases and innovative solutions, including application technologies, equipment and services. From independent professionals to large industrial companies, our 33,500 employees serve over 2 million customers daily across 75 countries. They use their unmatched know-how and technical capabilities to develop gas solutions that boost the performance of industries and help them to increase product quality, unlock greater competitiveness and minimize the environmental footprint of their manufacturing processes.

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The world leader in gases, technologies and services for Industry and Health, Air Liquide is present in 80 countries with approximately 67,000 employees and serves more than 3 million customers and patients.

The on-site gas solution for your peace of mind

Because you need gas supply adapted to your unique needs, we deliver:

- Full product range - adaptable to accommodate customer requirements
- Gas available whenever you need it
- On-site gas purity, flow profile, and pressure
- Flexible evolution of size and mode of supply to follow unexpected changes in demand

Because you need gas supply to run your operations, we guarantee a convenient worry-free on-site solution, so that you can focus on your business:

- Continuous and reliable gas supply - Guaranteed performance
- Adequate bulk back-up storage
- Full support: installation, operation and maintenance handled by Air Liquide
- Air Liquide expertise in risk management
- Tele-monitored performance tracking and assurance via networks of Alarm Response Centres

Because you need to be competitive to grow in your market, we provide you with a cost-efficient solution:

- Full systems invested by Air Liquide, reducing your financial risk
- Reliable supply at a predictable cost with a long term commitment
- Best-in-class, designed-to-cost, energy-efficient generators
- Environment friendly solutions thanks to minimized road transport and liquid delivery

**EOX** — the most productive on-site gaseous oxygen generation technology

Because you need to be competitive to grow in your market, we provide you with a cost-efficient solution:

- Full systems invested by Air Liquide, reducing your financial risk
- Reliable supply at a predictable cost with a long term commitment
- Best-in-class, designed-to-cost, energy-efficient generators
- Environment friendly solutions thanks to minimized road transport and liquid delivery

**HYOS-R** — state-of-the-art mid-range on-site hydrogen generator via steam reforming

Because you need gas supply adapted to your unique needs, we deliver:

- Full product range - adaptable to accommodate customer requirements
- Gas available whenever you need it
- On-site gas purity, flow profile, and pressure
- Flexible evolution of size and mode of supply to follow unexpected changes in demand