



# A K Oxygen Pvt Ltd.

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Dist - Pune 413133 (M.H.) INDIA

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A.K. INDUSTRIES



# Mission/Vision/CSR



- Mission: To provide other businesses high quality and reliable products such that together we set new standards of excellence in our respective industries.
- Vision: To become the most competitive and leading gas manufacturing group in India.
- CSR: To cultivate 'holistic empowerment' of the community, through implementation of sustainable initiatives which will have maximum societal impact by identifying the critical needs and gaps.

# Time Line



2010

AK Oxygen  
Pvt Ltd

Baramati

2022

Taxair Gases  
Pvt Ltd.

Pune

2020

Adi oxygen

Solapur

2020

Evergreen  
Industries

Baramati

***A K Oxygen Private Limited ,Plot No C-21, MIDC Baramati , Tal Baramati , Dist : Pune , Maharashtra 413333***

# Company Overview



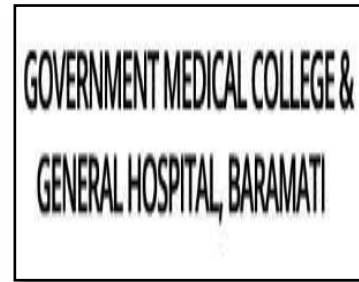
## ● **About us**

- A.K Group is one of the best Business group in India SINCE 2008
- Industrial Gases Seller of all Industrial gas like Oxygen, CO<sub>2</sub>, Nitrogen, Dissolved Acetylene (DA), Argon and Liquid Nitrogen, Nitrogen-Oil (Bladder). Manufacturer of Oxygen Gas, Liquid Nitrogen & Gas. Gas Filling Service is available 24x7 Hours with Modern and Computerized System.
- We provides FREE REFILLING of Home patient's (Medical) Oxygen Service for this anybody can Contact us .
- We always Welcome of Customers and Suggestions

## ● **Services**

- We are in Market more than 5 years. We know what exactly customers expect from us. we always take of this and focusing more efforts to achieve this. Customer satisfaction is milestone for us. We improve our products as per Customer suggestions.
- For Gases/Liquid we provides purity up to 99.995% with Standard Pressures. We follow all the safety rule strictly. We also provides the filling and safety trainings for Our Customers.





# Our Clients



# Why us ?





# Facilities



- **4** Manufacturing Plants.
- **3000+** Cylinders for different types of gases.
- **10** Trucks for transportation of gas cylinders.
- **5** Vehicles for Local transportation of cylinders.
- **25** Dura cylinders with dedicated truck.
- A Team of **50+** support staff .
- **24** Hr Medical Oxygen Filling Service
- **60** Ton In-House Weigh Bridge

# Products



## ● ***Industrial Gases***

- Dissolved Acetylene Gas
- Oxygen Gas
- Argon Gas
- Carbon Dioxide Gas
- Nitrogen Gas
- Mixture Gas
- Hydrogen Gas
- Ammonia Gas
- Helium Gas
- Zero Air
- Special Gas

## ● ***Cryogenic Liquids***

- Liquid Argon
- Liquid Oxygen
- Liquid Nitrogen

## ● ***Medical Gases***

- Oxygen Gas
- Nitrous Oxide Gas

# Industrial Oxygen GAS



## Description

AK oxygen is a renowned Oxygen gas manufacturer and supplier, both in liquid and compressed Gas forms. Oxygen is a highly reactive nonmetallic oxidizing agent, is tasteless, odorless, colorless and nonflammable gas present in the atmosphere at a concentration of 21 % by volume.

It has a boiling point of  $-182.9^{\circ}\text{C}$  ( $-297.3^{\circ}\text{F}$ ). Oxygen is vital to life on earth for any living being.

Commercial Oxygen Gas is produced by Cryogenic Distillation/air separation plants which condenses air and distills liquid Oxygen. This liquid Oxygen further converted into gaseous Oxygen at room temperature and is being stored in Oxygen Gas Cylinders for any further industrial / lab grade applications.

Applications : Industry sector: SS foundry, Fabrication Workshop, ship building and cutting, furnace lancing.  
Chemical, pharmaceuticals and petroleum industry.  
Glass, pulp and paper industry.  
Health care

<b>Product</b>	<b>Oxygen</b>
<b>Chemical Formula</b>	<b><math>\text{O}_2</math></b>
<b>Type</b>	<b>Colorless, Flammable</b>
<b>Supply form</b>	<b>Industrial Cylinder, Dura Cylinders</b>
<b>Quantity</b>	<b>6-7 m<sup>3</sup> per Cylinder</b>
<b>Purity</b>	<b>99.9%</b>

# Medical Oxygen GAS



<b>Product</b>	<b>Oxygen</b>
Chemical Formula	O <sub>2</sub>
Type	Colorless, Flammable
Supply form	Medical Cylinder, Dura Cylinders
Quantity	As per Cylinder specifications
Purity	99.9%
Applications	Hospital Health care

# Carbon Dioxide GAS



## Description

We are a renowned Carbon dioxide gas manufacturer and supplier, both in liquid and compressed gas forms.

- Carbon dioxide (CO<sub>2</sub>) is a slightly toxic, odorless, colorless gas with a slightly pungent and acidic taste. In air, Concentrations of carbon dioxide is about 0.038% by volume.
- Carbon dioxide gas is commercially produced by fermentation of Sugar compounds in beer, bread and liquor making industry as it's by product.
- Other way of its production is by combustion of carbohydrates, natural gases and fossil fuel like wood and coal. The CO<sub>2</sub> produced is liquid in nature. This liquid CO<sub>2</sub> is being stored in carbon dioxide gas cylinders for any further industrial/lab grade applications

□ Applications :  
Fire extinguishers . co2 welding , Foundry sector.  
Dry ice for cooling .Beverages



Product	Carbon Dioxide
Chemical Formula	CO <sub>2</sub>
Type	Colorless
Supply form	Industrial Cylinder
Quantity	30-35Kg per Cylinder
Purity	99.9%

# Dissolved Acetylene Gas



## Description

❑ We are a renowned Acetylene gas manufacturer and supplier in India. This Acetylene sometimes also referred as DA Gas, is a hydrocarbon.

❑ It is basically colorless fuel gas and is used extensively in the industries for metal cutting and brazing applications. Acetylene produces highest known flame temperature when mixed with Oxygen.

❑ Commercially it is produced by reaction of Calcium Carbide with water. The Acetylene is highly unstable in nature and needs to be dissolved in a solvent called Acetone or DMF. Because of its highly unstable nature, Acetylene is always stored in Acetylene gas cylinders already saturated with required quantity of solvent. Acetylene cylinders are basically of 2 types, Seamless and Three Parts Welded.

■ Acetylene is sometimes also referred to as Dissolved Acetylene because it has to be stored in dissolved state in a solvent.

Applications: Metal cutting industry

Product	DA
Chemical Formula	$C_2H_2$
Type	Colourless Flammable
Supply form	Industrial Cylinder
Quantity	6-7 m <sup>3</sup> per Cylinder
Purity	99.9%

# Nitrogen GAS



## Description

We are renowned Nitrogen gas manufacturer and supplier both in liquid and compressed gas forms.

Nitrogen Gas is tasteless, odorless, colorless and nonflammable gas present in the atmosphere at a concentration of 78.09 % by volume. It has a boiling point of  $-195.8^{\circ}\text{C}$  ( $-320.4^{\circ}\text{F}$ ). Nitrogen Gas is produced by Cryogenic Distillation/air separation plants which condenses air and distills liquid Nitrogen. This liquid Nitrogen is further converted into gaseous Nitrogen at room temperature and is being stored in Nitrogen Gas Cylinders for further use in any Industrial application.

For some applications where continuous and high quantity of  $\text{N}_2$  gas is required to be fed, We make use of  $\text{N}_2$  gas cylinder quad which is nothing, but the number of cylinder interconnected and having common outlet. Due to its high availability in atmosphere and low cost, Nitrogen gas and liquid finds huge application in various processes

Applications :Industry sector: degassing in aluminum foundry, inert gas in chemical sector.  
Animal husbandry.  
pharmaceutical.  
food processing industry.

## Product

## Nitrogen

Chemical Formula	$\text{N}_2$
Type	Colourless Flammable
Supply form	Industrial Cylinder
Quantity	6-7 $\text{m}^3$ per Cylinder
Purity	99.9%

# Argon GAS



## Description

We are renowned Argon gas manufacturer and supplier in India, both in liquid and compressed forms. Argon is an Inert, tasteless, odorless, colorless, nonflammable and Non-Toxic gas present in the atmosphere at a concentration of 0.934 % by volume. It has a boiling point of -185.9°C (-302.6°F).

Argon is produced by Cryogenic Distillation/air separation plants which condenses atmospheric air and distills liquid Argon. This liquid Argon is collected, stored and further converted into gaseous Argon at room temperature and this Argon gas is further stored in various types of Argon gas cylinders to be used in any industrial/lab grade applications.

Applications :  
metallurgy and stainless steel industry.  
Argo shield mixture-sheet Metal welding.  
Lab application.  
Electronics industry.

## Product

## Argon

Chemical Formula	Ar
Type	Colourless
Supply form	Industrial Cylinder
Quantity	6-7 m <sup>3</sup> per Cylinder
Purity	99.9%



# Hydrogen



## Description

Hydrogen as a gas is valued for its reactive and protective properties. Many industries such as electronics, foods, glass, chemicals, refining and more can benefit from its unique properties to improve quality, optimize performance and reduce costs.

Applications :

- Glass purification.
- Semiconductor manufacturing.
- Aerospace applications.
- Fertilizer production.
- Welding, annealing and heat-treating metals.
- Pharmaceuticals.

## Product

## Hydrogen

Chemical Formula

H<sub>2</sub>

Type

Colourless

Supply form

Industrial Cylinder

Quantity

6-7 m<sup>3</sup> per Cylinder

Purity

99.9%

# Liquid Nitrogen



## Description

Nitrogen Gas is tasteless, odorless, colorless and nonflammable gas present in the atmosphere at a concentration of 78.09 % by volume. It has a boiling point of  $-195.8^{\circ}\text{C}$  ( $-320.4^{\circ}\text{F}$ ). Nitrogen Gas is produced by Cryogenic Distillation/air separation plants which condenses air and distills liquid Nitrogen. This liquid Nitrogen is further converted into gaseous Nitrogen at room temperature and is being stored in Nitrogen Gas Cylinders for further use in any Industrial application.

For some applications where continuous and high quantity of  $\text{N}_2$  gas is required to be fed, We make use of  $\text{N}_2$  gas cylinder quad which is nothing, but the number of cylinder interconnected and having common outlet. Due to its high availability in atmosphere and low cost, Nitrogen gas and liquid finds huge application in various processes

Applications :  
Lab Veterinary Cooling.

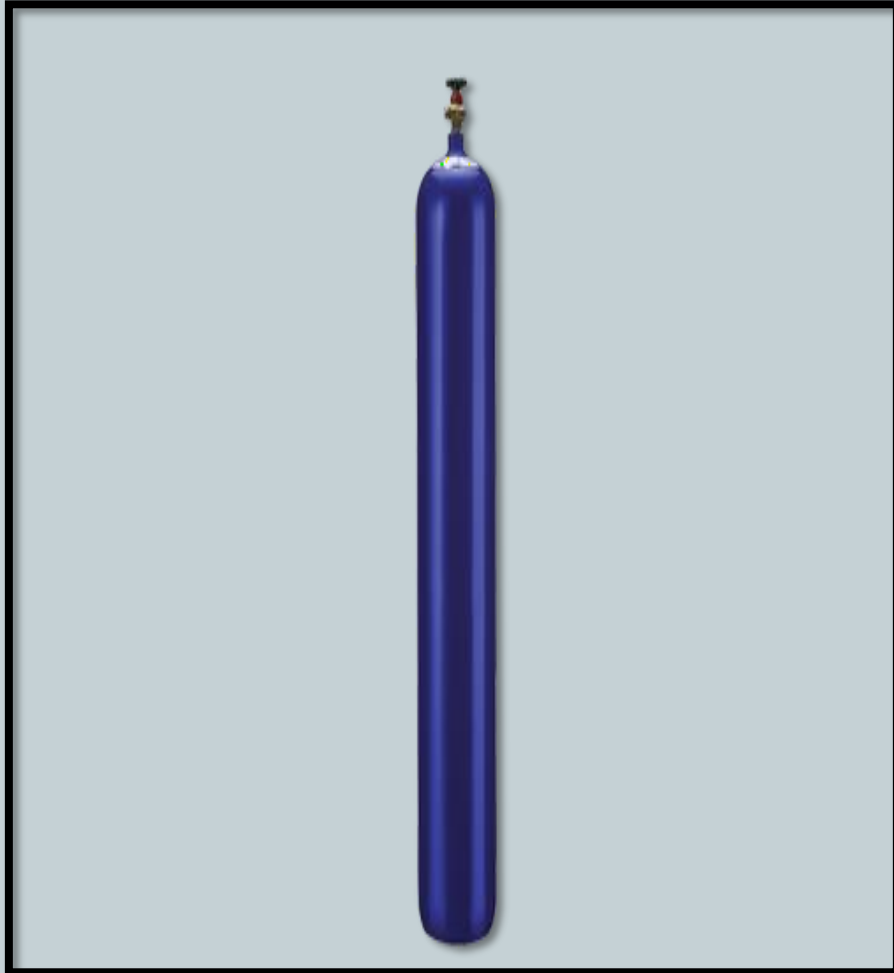
Product	Nitrogen
Chemical Formula	$\text{N}_2$
Type	Colourless Flammable
Supply form	Industrial Cylinder
Quantity	5,10,20,35,50,51.7 As Per Container capacity(in Ltrs)
Purity	99.995%

# Co2 Mig & Tig Welding Wires



Co2 Mig Welding Wires	Tig Mig Welding Wires
<b><u>Size (mm)</u></b>	<b><u>Size (mm)</u></b>
0.60, 0.80	1.20, 1.60,
0.90, 1.00, 1.20 1.40, 1.60 2.00	2.00, 3.15
<b><u>Grades –</u></b>	<b><u>Grades –</u></b>
AWS-5, 18er 70se	AWS ER 70S2
DIN-SG2, IS-6419-s4 & AWS-ER 90SR Other Grades Available	AWS ER 70S6 Other Grades Available

# Nitrous Oxide



Product	Nitrous Oxide
Chemical Formula	N <sub>2</sub> O
Type	Colorless, Non flammable
Supply form	Medical Cylinder
Quantity	60 Kg Cylinder
Purity	99.995%
Applications	Health Care



# Our Locations



- **Office #**



Plot No - C-21,  
MIDC Baramati.  
Tal - Baramati,  
Dist - Pune  
413133



- **Manufacturing Plant #1**  
Plot No - C-21, MIDC Baramati.  
Tal - Baramati, Dist - Pune  
413133
- **Manufacturing Plant #2**  
Plot No D-101 , Tembhorni  
MIDC Tal : Mhada  
Dist: Solapur 413133
- **Manufacturing Plant #3**  
Plot No E-17/2/1,  
MIDC, Jejuri  
Dist-Pune
- **Manufacturing Plant #4**  
Gat No - 39,  
Kadamwadi, Phondshiras,  
Tal – Malshiras, Dist-Solapur

# CONTACT US



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