



# COMPANY PROFILE

## OZO Gas Technology Private Limited



### # Registered Office - Address

**OZO GAS TECHNOLOGY PRIVATE LIMITED**

No.81, G-Block S1, Jaya Lakshmi Nagar,  
Kadapa Road, Kolathur, Chennai -600099,  
Tamil Nadu, India.

### # Branch / Communication - Office Address

**OZO GAS TECHNOLOGY PRIVATE LIMITED**

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Tamil Nadu, India.

## CONTACT US



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## INTRODUCTION

We, **OZO Gas Technology Pvt. Ltd.** are in the field of concept, design, supply, installation and commissioning for all industrial gases, R&D laboratories, University and Education Institutes as well as biotech and pharmaceuticals including highly inflammable, semi-conductor sectors.



We take this opportunity to introduce ourselves as a **Turn -Key Contractors** for speciality Purity & Ultra High Purity-Gas Distribution Systems (**GDS**).

**OZO Gas** has the products and experience to meet the needs of customers.



**OZO Gas is a Private Limited Company.** The senior management has vast experience in gas engineering. The company has professional management structure. The activities are divided in departments like Project, Design, Purchase, Admin, Accounts, Quality Control, Process improvement, etc...

## Our Services

- Tubing and Piping with Seamless & ERW - SS, Copper and MS/CS-Carbon steel (High Pressure & Low-Pressure line)
- Orbital Welding in SS Seamless Tube & Tube Fittings.
- Complete Automated System for Toxic, Flammable & Ultra Hi-Purity Gases.
- High Pressure Fluid Transfer Solutions.
- Instrumentation & Automation Controls.
- Maintain High Integrity in **Orbital welding** and installation practices for all type of Industries.
- Design, supply, fabrication & installation of **Gas & Liquid, CNG / CBG Gas distribution Systems**.
- Well-equipped, trained & certified Installation/Service professionals Systems driven Project execution.
- **Zero leak installation.**
- Installations "WITH / WITHOUT" welding.

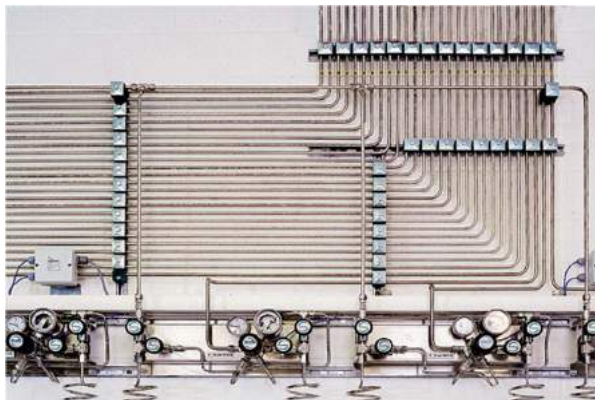
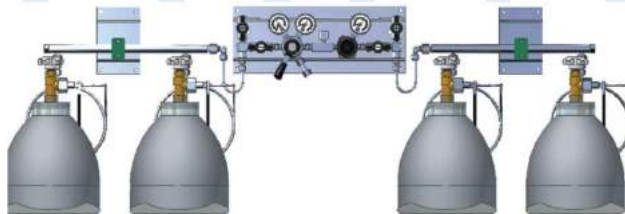


## Our Products

### Gas Handling Systems

We specialize in design, fabrication, supply & installation and validation of high purity gas and chemical delivery systems.

Gas & Liquid, CNG/CBG - Gas distribution Systems.



### SCOPE OF DELIVERY

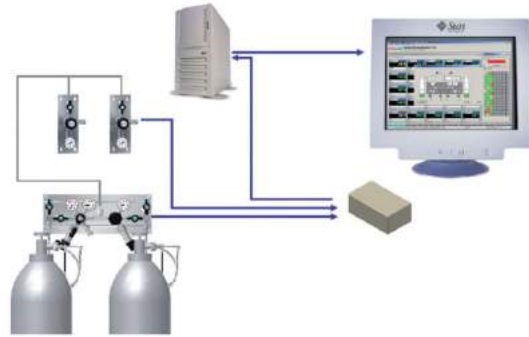
Primary Manifold system –  
(Manual / semi / Auto)  
Point-of-use cabinet  
Central gas supply.  
GDS-Tubing systems.





## High Purity-Gas Control Equipment's

Pressure control panels, auto-change over manifold systems, POU regulators, Cylinder pressure regulators, HP/LP Cylinder hoses, instrumentation etc. specially designed for laboratory, R&D, Pharma facilities and manufacturing semi-conductor sectors etc..



## OD Compressed Tube Fittings: Imported & Indian makes.

Tube fittings- Twin ferrule & OD nut, Ball valves, Needle valves, Quick discount couplings, NRV, PRV, Check valve, Bellow Sealed Valves, VCR end fittings, Pipe fittings, Manifolds & Tube bending & cutting Tools.



## Pressure Control Equipment's for Process Gas:

For Uninterrupted, Continuous gas supply complete with integrated shutoff and purge valves, Extension panels available for multiple gas cylinders and bundles. Optional valves, pressure gauges, contact gauges, audio visual alarm, cylinder hoses, cylinder brackets.



## For Industrial Gas Applications:

ACM will ensure continuity of gas flow by automatically changing from a nearly empty side to a full (reserve) side. ACM is a complete valve unit with high pressure filters, isolating valves, purge valves, regulators, auto-change unit and low pressure pipe with line shut-off valve.

Components are assembled and mounted at stainless steel wall bracket. Inlet x-block contain free Port for extension to more gas source.





## Hose Assemblies, Bulk Hose, Flexible Tubing, and End Connections.

- Core materials include metal, PTFE, PFA, vinyl, nylon, polyethylene, and rubber
- Nominal hose sizes 1/8 to 2 in.
- Wide range of fractional and metric end connections.
- Custom lengths available.
- Optional covers, tagging, and testing.



## CNG-Compressed Natural Gas Compressor-Suction Filters:

The purpose of these Filters is to Protect the compressor internals from dirt, moisture and condensates. These filters typically operate at 19 Bar pressure and are rated at 5 micron. Filter Pressure Vessel is designed as per latest ASME codes.

Natural Gas filter elements are pleated in construction providing highest filtration area and low pressure drop.



### Cylinder – Bullnose Connectors



#### Key advantages:

- Cylinder Connector According to the Following Standards: DIN, BS, CGA, JIS
- Other Connections on Demand.

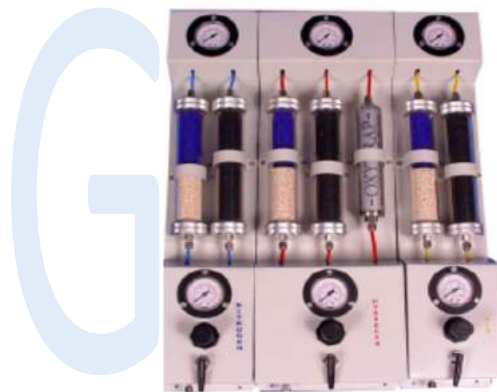
### Tapping Point Regulators - GC



### Cylinder - TROLLEYS



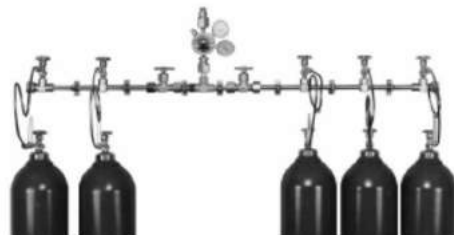
### Gas Purification Panel - GPP



### Cylinder – BRACKETS ( wall mounting)



### Low Gas Alarm-Panel



### Valves





## GAS Cabinets

Safe Storage of Compressed Gases.  
 Gas Leak Detection Systems can be Linked to an Alarm and/or Emergency Shutoff.  
 Safe Use, Dispensing and Handling of Hazardous Gases.  
 Clean Appearances Cylinders are Kept Inside Enclosure and not in the Workplace.  
 Doors and Windows that close and Latch Automatically; Exhaust Vent Located on Top of Cabinet.  
 Adjustable Cylinder Brackets.  
 Capacity: 1, 2, 3, 4 Cylinders.



## PRESSURE GAUGES



## PG Special Features:

- External zero adjustment (optional)
- Stainless steel case & measuring system
- Socket directly welded to case
- Dry and liquid filled version
- Standard followed EN 837-1 (for NS 100, 150 & 250 mm)
- CE marking (as per PED 97/23/EC) (for NS 100 mm & 150 mm)

## Chemical storage cabinets K-CLASSIC-90 with wing doors.

Furnace tested (type test) in accordance with **EN 14470-1**  
**Fire resistance 90 minutes**  
 GS approval, CE conformity  
 EN 14727 conformity (laboratory furniture).





### Gas cylinder cabinets - Safe and approved storage of flammable or toxic gases

- **Comfort interior equipment** – complete with mounting rails, rolling ramp (L = 350 mm) with pneumatic damper, cylinder retainer and matching tension belts.
- **standard interior equipment** – complete with mounting rails, rolling ramp, cylinder retainer and matching tension belts
- **Cylinder retainer** – variable installation in the cabinet, Flexibly adjustable in depth, across the entire width of the cabinet.
- **lateral cylinder retainer** – for two 10-litre cylinders, alternatively in height adjustable version (no tools required).



### HIGH QUALITY – Gas Supply with Stainless Steel - SAFETY DEVICES.



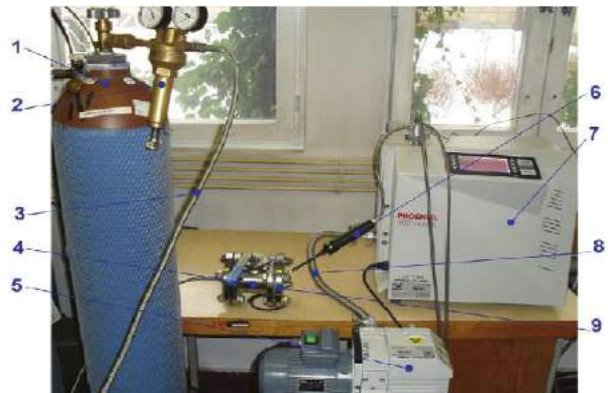
### Range of stainless steel – Safety Devices

- Flashback arrestors
- Non-return valves
- Safety relief valves
- Gas Filters

This stainless steel safety devices are of highest quality and very robust and are suitable for hydrogen applications as well as with pure or corrosive gases or when used in corrosive environments.

### Helium Leak Testing features:

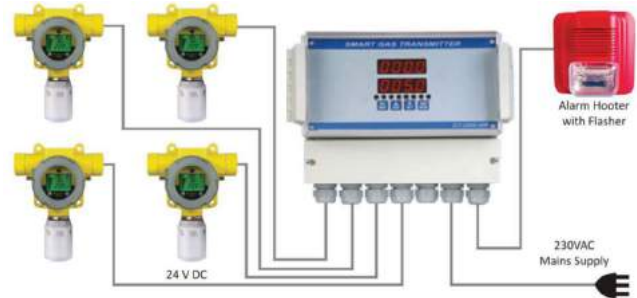
- Most sensitive ( $1 \times 10^{-6}$ )
- Independent of temperature
- Independent of volume
- High throughput
- Most expensive
- Most complex





## Gas Transmitter / Detectors – Panel system

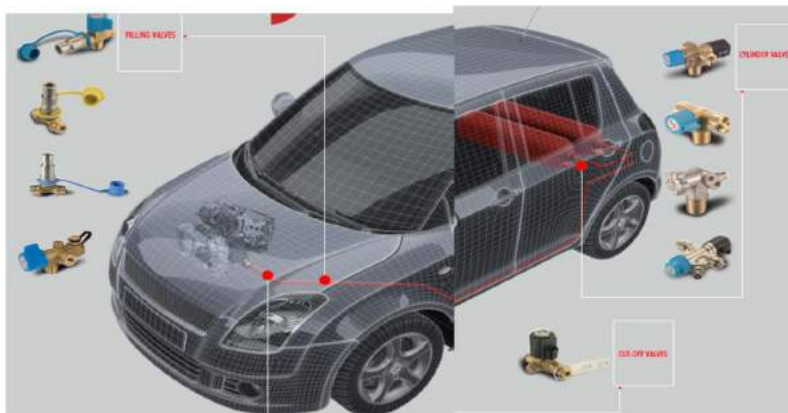
### O2 Gas – online Analyser



### Vortex Flowmeter – Digital version



### Coriolis flowmeter – Digital version



### **CNG Application - VALVES**

- Automatic Cylinder valves
- Manual Cylinder valves
- Filling valves
- Cut-off valves
- Additional safeties
- T – Connections
- Accessories



## SS PIPES, TUBES, COPPER TUBES & CS/MS -PIPES.



We have a good work force team of workers and supervisors who have put in their Experience in this particular field.

**We Provide:** Turn Key solution in Gas distribution and handling equipment's, as per client's requirement.



**Our Policy:** To satisfy our customer through quality products and services, on time supply at the right price with safety as prime importance.

Yours Cordially, **OZO Team.**





## Our Clients