



SVCGPL

# Sri Venkateswara Carbonic Gases Pvt Ltd



## PROFILE

**W**e are pleased to introduce ourselves as a leading group of companies based in South India in the field of Medical and Industrial Gases.

The group is backed by a team of experienced professionals with more than 20 years of experience in the field of industrial gases. With an incredible infrastructure supported by a dedicated team, we hope to provide our customers with best products backed by adequate field support.

Apart from the above , we also have our own CO<sub>2</sub> liquid and Dry Ice plants in Chennai, Coimbatore and Villupuram with refilling stations at different strategic points all over South India serviced by a fleet of mobile Co<sub>2</sub> tankers of various capacities.

We undertake turnkey projects right from the design, fabrication and commissioning of CO<sub>2</sub> and O<sub>2</sub> plants. We have the -know how to setup CO<sub>2</sub> plants for both fertilizer based and molasses based. We also design and manufacture Dry Ice machines of various capacities based on user requirements. Sri Venkateswara Carbonic gases fabricates Storage Tanks of 5, 10, 15, 20, 30 tons capacity. These tanks can be fabricated as Horizontal or Vertical to suit the space available at clients' premises.

At Sri Venkateswara, it is believed that the quality of service is as important as the quality of the product.



## Gas Cylinders

We can supply all ranges of Liquid N2 Container, Steel Cylinders and Aluminum Cylinders.

## Fire Extinguishers

Refilling of Fire Extinguishers

## Cylinder Accessories & Flow Meters

Cylinder Valve, Puncher Type Valve, Fire Extinguisher Valves, Single Stage Flow Meters, Double Stage Flow Meters, FA Valve with Humidifier bottle.

## Cylinder Testing (Hydro Pressure Testing)

We are testing Cylinders as per CCOE (Chief Controller of Explosive) norms. We are testing all types of Cylinders.



# DRY ICE

It is Solid Form of Carbon- Di- Oxide. When melts it becomes Gas(Solid to Gas not liquid)

## Specification

Temperature: -78.50C (-1730F)

Free of Water, Non Conductive, Anti Bacterial, Non Toxic

We have Two factories for Manufacturing Dry Ice

**1. Chennai 2. Coimbatore**

## Usage

In-transit refrigeration of foods, ice cream, pharmaceuticals and other Temperature-sensitive materials

Process cooling during chopping/ blending/ mixing/ grinding operations of meat

Dry ice blasting cleaning system for mould, machinery, buildings etc,

Shrink fitting metal components for an interface fit e.g. axles into gear wheels

Production of fog effects for theaters discos etc.

Quick and convenient source of inert gas for purging fuel tanks etc.

Freeze-branding livestock

Low temperature testing (sub zero testing)

Baking-retarding yeast growth

To preserve & Transport dead bodies (It is very cheap comparing to other refrigeration system)



# LIQUID CARBON DIOXIDE

Carbon Dioxide is a Colorless, Oderless, non-toxic, Non flammable Gas

We can also supply in Cylinders and Road Tankers

Co<sub>2</sub> is 1.5 times heavier than air. Co<sub>2</sub> can exist in 3 forms.

1. Gaseous form
2. Liquid form
3. Solid form

## Applications

Beverages ( Soft Drinks ), Foundries, Welding, Fire Extinguishers, Medical ( Laproscopy )



# LIQUID NITROGEN CONTAINER

MODEL NO		IDS-1	IX-2	IR-3	IR-7	IR-10	IX20	IX35	Ix47	I-30	IN-50
Capacity	Ltrs	1	1.6	3.9	7.8	10.5	20.5	34	47	30	50
Static Evaporation Loss Rate*	Ltrs/day	0.08	0.08	0.135	0.114	0.117	0.097	0.118	0.37	0.28	0.43
Static Holding Time*	Days	12	20	29	68	90	211	288	127	107	116
Working Time**	Days	7.5	12.5	18	42	56	132	180	79	-	-
Total Height	mm	395	390	403	495	570	695	710	685	560	740
Overall Dia	mm	168	168	224	260	260	380	432	480	432	432
Neck Tube Dia	mm	34.5	34.5	51	51	51	51	51	120	51	51
Empty Weight	kgs	2.05	1.8	2.7	4.5	5	10.7	14.3	18	11.3	14.8
Full Weight	kgs	2.8	3.2	6.3	11.5	14	28	41.5	51.5	37	53.5
No. of Canisters	pcs	1	5	6	6	6	6	6	11	-	-
Canister OD	mm	28	25	38	38	38	38	38	72	-	-



# PRODUCTS

- (a) Industrial Oxygen
- (b) Medical Oxygen
- (c) Nitrogen & High Pure Nitrogen
- (d) Spectra Argon & High Pure Argon
- (e) Dissolved Acetylene Gas
- (f) Nitrous Oxide
- (g) Dry Air
- (h) Helium
- (i) Dry Ice
- (j) Carbon Dioxide
- (k) Hydrogen
- (l) Liquid Nitrogen
- (m) Ammonia Gas
- (n) Carbon Mono Oxide
- (o) Mixture Gases
- (p) Special Gases
- (q) Lazer Mixture
- (r) Gas Cylinders
- s) Regulators





## Our Group of Companies

Sri Venkateswara Carbonic Gases Pvt. Ltd.  
 Shri Chiranjeevi Indgases Pvt. Ltd.  
 Sri Swarnalakshmi Enterprises  
 Swathi Air Products  
 Srinivasa Air Products

### Contact Us :

## Sri Venkateswara Carbonic Gases (P) Ltd.

### Corporate Office :

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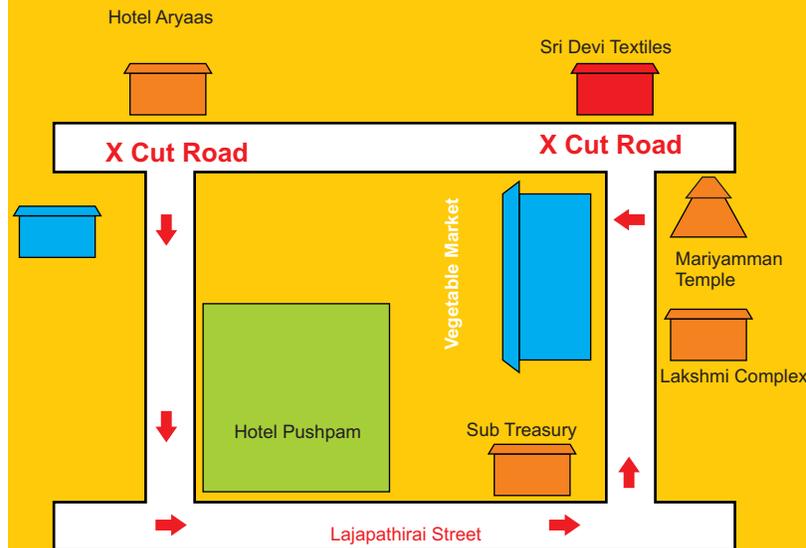
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## Route Map - Office



website : [www.solidco2.co.in](http://www.solidco2.co.in)