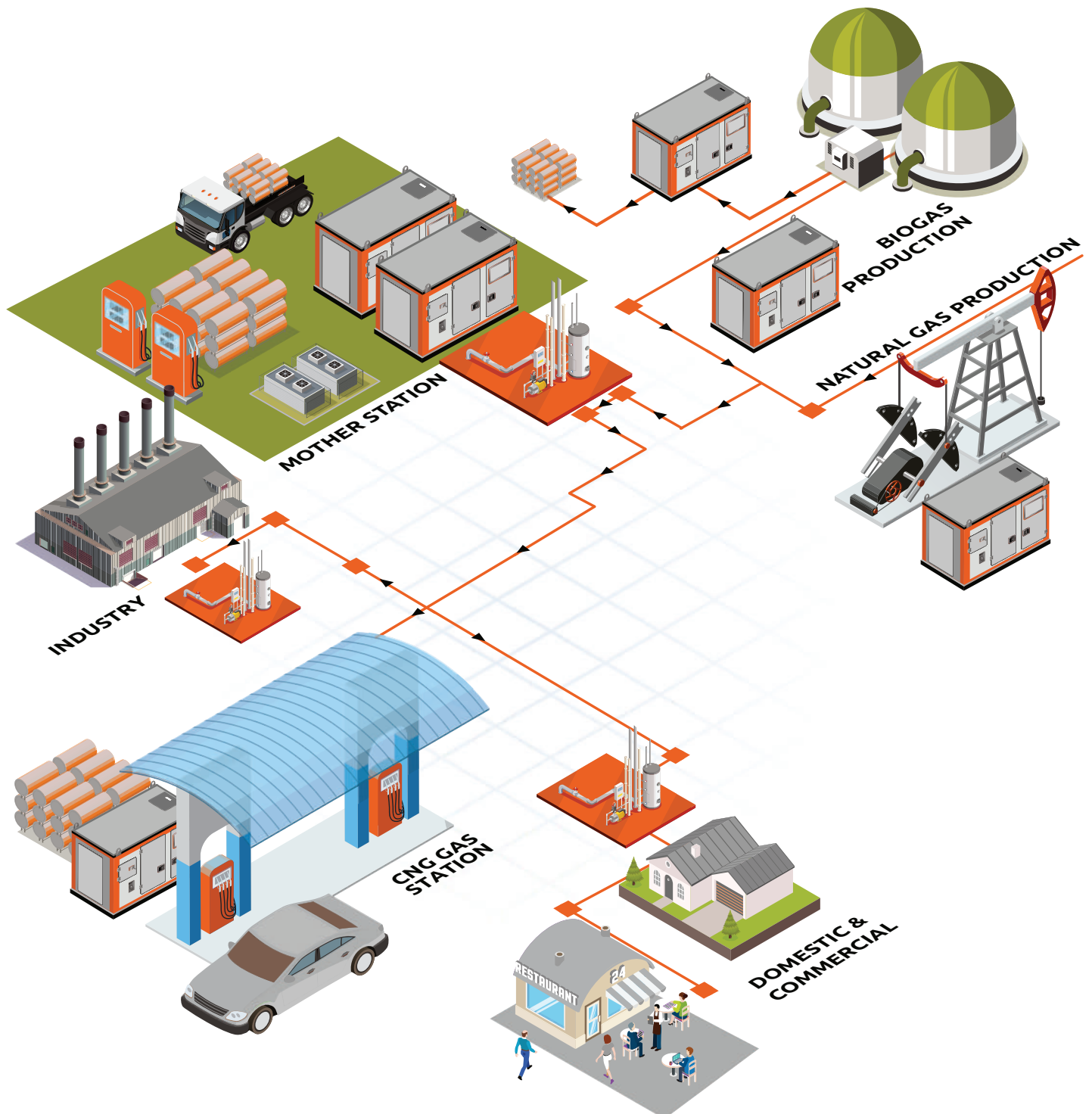


# Preferred & Trusted Equipment Partner for Gas Infrastructure



## About SPTL

- We are the leading engineering and technology solutions provider in Energy and allied sectors, established in year 2001, with a strength of 2,500+ employees
- Preferred manufacturer for Oil & Gas, City Gas Distribution (CGD), Compressed Biogas (CBG), Fertilizers, Petrochemicals, Automotive sectors
- Also engaged in EPC projects, Asset Management/ Operation & Maintenance Services in Energy and allied sectors
- 3 world-class manufacturing facilities aggregating 200,000+ square feet located near Ahmedabad and Pune, having ISO 9001:2015 certification



## Some of our key clientele



### • Our customers include:

- Most of the major Oil & Gas companies
- 25+ CGD companies with footprint in 150+ Geographical Areas pan-India

### • Recipient of Prestigious awards for Safety from:

- Bharat Petroleum Corporation Limited (BPCL)
- Indian Oil Corporation Limited (IOCL)
- Vedanta Cairn
- Adani Gas
- Tata Motors Limited
- Worley

### • Equipment manufactured as per requirements of:

Reputed consultants such as:

- MECON Limited
- TRACTEBEL Engineering Pvt. Ltd.,
- VCS Quality Services Pvt. Ltd.,
- Pipeline Engineering Consultants Pvt. Ltd.

Renowned Third-Party Inspection Agencies such as:

- SGS
- TUV
- DNV-GL
- GLIS

## CNG, CBG Hydraulic Booster Compressors

SPTL is a leading Hydraulic Booster Compressor manufacturer from India for Compressed Natural Gas (CNG) and Compressed Biogas (CBG) applications.

With close to 1000 compressors supplied, SPTL has extensive experience in bespoke design, manufacturing, assembly, installation, testing, commissioning, and after-sales service of Hydraulic Booster Compressors for Daughter Compressor Stations/CNG stations.

### Features :

- Superior Performance
- Energy Efficient
- Durable
- Reliable
- Easy to Operate
- Non-lubricated operation (prevents gas contamination with oil)
- Variable suction pressure range 200 barg to 30 barg
- Wide power upto 45 kW
- Designed for efficient decanting of mobile cascade
- RTU SCADA Remote connectivity options



## Priority Panel / Fill Panel, & Decant Panel / Gas Unloading Post

SPTL provides high quality Fill Panel, Decant Panels with or without metering for District Regulating Skid Station (hot-water bath / electric heating).

- MultiBank Priority Panel sized as per maximum flow rate of compressor or of the plant
- Full bore High flow
- Electro-pneumatic or electrically controlled solenoid valve operation
- Fail-to-close operation for safety





# Reciprocating Gas Compressors for CNG, Biogas & Industrial Applications

SPTL manufactures and supplies Reciprocating Gas Compressors for Natural Gas, Biogas and Process Gas compression applications in technology collaboration with world-renowned Forno Gas S.p.A. Italy\*.

## Reciprocating Natural Gas Compressors:

Most advanced technology for Natural Gas Compression for:

- Mother Station
- Daughter Station / CNG Station
- Natural Gas Pipeline

## Reciprocating Biogas Compressors:

High quality Biogas compressors for:

- Primary Compressor
- Compressed Biogas (CBG)
- Gas Grid Injection
- For Bio Liquified Natural Gas purposes

## Features :

- Non lubricated cylinders ensure Discharge gas quality same as Inlet gas
- Bespoke customer preferred optimized design solutions
- Cylinders available in V or W-shape or Horizontal configuration
- Choose from direct coupling or belt driven; electrical or gas engine driven
- Air-cooled (Water cooled – option available)
- Plug and play solution with ease of handling
- Wide range of operating pressure from 0 to 350 barg, power upto 1200 kW
- Low maintenance cost due to non-requirement of mechanical seal
- Flameproof and weather-proof electrical enclosure
- Equipped with integral PLC based system to monitor and control critical parameters that ensures safe and smooth operation



\*FORNOVO GAS® is a registered trademark owned by the company FORNOVO GAS SpA, via Ponticelli 5-7, 43029 Traversetolo (PR) Italy.

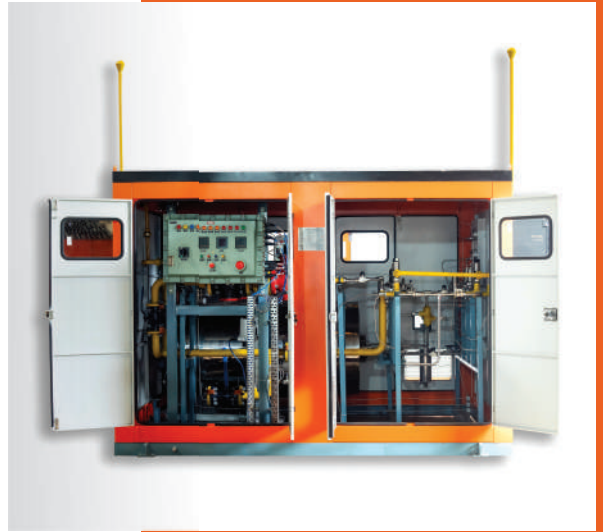
## Industrial Metering Pressure Regulating, Decompression Skid

SPTL has extensive expertise in design, development, manufacturing, installation and commissioning of pre-fabricated skids as per applicable standards for natural gas, biogas applications covering the following:

- City Gate Station
- Industrial Metering
- District Regulating Skid Station (hot-water bath/ electric heating)
- Industrial Pressure Regulating Station
- Mobile (vehicle-mounted) skid solution
- RPD / Ultrasonic / Turbine / Orifice / Vortex based Metering Skids with flow computer / Totalizer and RTU SCADAR emote connectivity options
- Gas Flow upto 10000 SCMH

**Customized configuration offering for above skids as:**

- Single stream / Twin stream / with Active-monitor
- Twin stream - Manual / Hot Standby



## CNG / CBG Dispenser

SPTL, with long-standing experience in CNG/ CBG station equipment provides robust design, high quality manufactured, and highly reliable CNG/ CBG Dispenser for Car, Bus and Autorickshaw having following features:

- Coalescing and particulate filter to ensure oil-free filling
- Reliable and fast-acting electro-pneumatic or electrically controlled solenoid valve operation
- High cycle, High Cv valves are used
- Certified and tested break-aways and filling nozzles
- Safety against over-pressure filling
- Highly accurate gas measurement and billing
- RTU MODBUS Remote connectivity
- High accuracy Coriolis Mass Flow meters from Reputed manufacturers
- 1-3 Bank Dispenser options



## 2/3 Phase Separators

SPTL offers bespoke design, manufacture, installation and commissioning of 2/3 Phase Production as well as Test Separators used in Oil Exploration, Well Production, Water Treatment applications among others.

SPTL has designed 2-Phase Gas-Liquid Separator Skid that discharge gas and liquid from the vessel separately, and it ensures that no re-entrainment of one takes place into the other.

Skid mounted unit is equipped with internals as inlet deflectors/devices, calming baffles, weir plates, vane packs, coalescer packs, demisters as per customer requirement.

Programmable Logic Controller (PLC)/ Local Control Panel (LCP) is as per customer requirement.

SPTL has capability to provide 3-Phase Gas-Liquid-Water Separator that separates Oil, Gas and Moisture, Solid particles from Well streams.



## Gas Dehydration System

Gas Dehydration system is required in Oil & Gas industry to remove Benzene, Toluene, Ethylbenzene and Xylene (BTEX), Water and other Volatile Organic Compounds (VOC) from the natural gas system. Gas dehydration prevents pipeline corrosion and line blockage caused by hydrate formation which generally caused by high water dew point.





## After-sales Services and Support

SPTL has over two decades of Operation and Maintenance experience and has strong ethos in providing Services and Support to the critical segments including Reciprocating and Hydraulic CNG & Biogas Compressors, City Gas Infrastructure and Equipment, Oil and Gas Production and Processing Plants and Pipelines.

Our service team has in-depth and wide-ranging knowledge, experience and is trained for required skills for best services to our customers.

### SOPAN COMPRETECH

We're at the forefront of innovation, offering a comprehensive Industry 4.0 solutions, introducing "Sopan Compretech" for Compressor Monitoring and Management System that redefines how you handle your critical assets.

- Real-Time Monitoring
- Integrated Ticket Management
- Comprehensive Analytics
- Proactive Maintenance

### SOPAN CMS

IoT-Based Compressor Remote Monitoring and Management

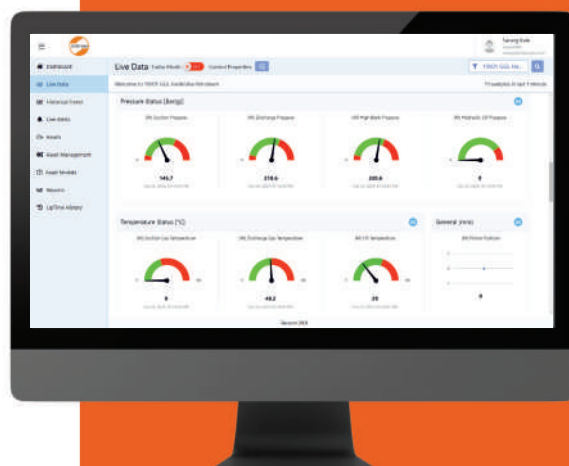
Compressor Monitoring and Management systems offer advanced features that provide real-time data, predictive maintenance, and enhanced operational efficiency.

- Performance Optimization
- Alert & Notification System
- Data Analytics & Reporting
- Asset Management
- Integration with Other Systems
- Security Features

### Mteamz+

Compressor Maintenance Service Ticket Management System for efficient management of maintenance and services of compressors.

- Preventive Maintenance
- Ticket Management
- Spare Management
- Compliance and Documentation
- Ticket Reporting & Analysis
- Field Engineer Workforce Management



**Our Group Companies :**



**SOPAN O & M CO.  
PVT. LTD.**



**N3E TECHNOLOGIES**



**SOPAN ENERGY  
CONTRACTING LLC**

**SOPAN PROCESS TECHNOLOGIES PVT. LTD**

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