



Technogas, Inc.

A Process Equipment Company



Technogas is known as the leader in designing, fabricating, manufacturing and packaging of process gas compressors, process refrigeration systems and oil removal systems. Having the talent and expertise from around the world, Technogas has broadened its business portfolio to a full range of engineering and manufacturing services: including Gas Plants, Oil Refineries, Petrochemical Plants, Power Plants, Chemical Process Industries, Industrial Refrigeration & Production Facilities.

Main Office: 15807 Chestnut Branch Trail,
Cypress, Texas - 77429, USA.
Ph: +1-832-952-2075

Workshop: 7990 Dick Price Rd,
Mansfield, Texas - 76063, USA.

E-mail: sales@technogasusa.com
Web: www.technogasusa.com



Technogas Expertise

Our in-house capability to design and fabricate all sub-components including scrubbers, oil separators, shell & tube exchangers, air-cooled coolers, pressure vessels, and complete control system provides us the total control on quality and on-time delivery.

We do all tubing, instrumentation, electrical, wiring and PLC programming in-house to deliver a complete solution to our valued customers. Our valuable experts, professionals and technicians cover the key disciplines of engineering, design, manufacturing and after sale services.

Engineered Systems

Technogas offers a large variety of customize systems as per industry Codes & Standards, Project Specifications and Good Engineering Practices. Examples of our standard systems are as follows:

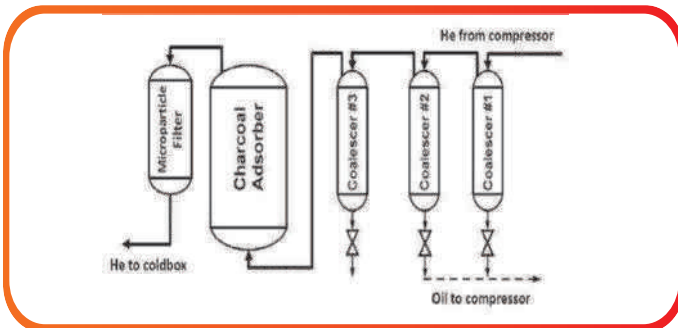
- Process Gas Compressors driven by Electric Motors or Gas Engines.
- Process Refrigeration Systems to any size using best suitable refrigerants including Propane, Propylene, R-134a, R-717, etc.
- Oil Removal Systems to remove oil from gas up to 5.0 Parts per Billion by Weight.
- Instrument Air Compressors with custom design as per plant requirements.
- API-614 Lube Oil Systems & Oil Reclaimers.



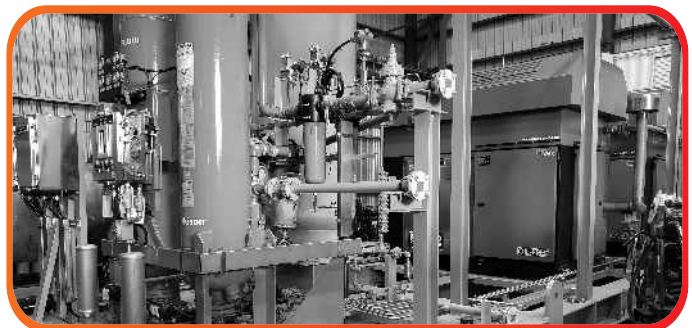
Process Gas Compression System



Process Refrigeration System



Oil Removal System



Specialized Air Instrument Package



Technogas Expertise

Products

- Scrubbers, Three Phase Separators, and Pressure Vessels.
- Shell & Tube Heat Exchangers.
- Air-Cooled Heat Exchangers.
- Oil Separators (Coalescing Type), Adsorbers, and Particulate Separators.
- Oil Filters.
- Control Panels & Junction Boxes – control panels are designed, assembled and programmed in house to ensure highest quality.



Pressure Vessels



Shell & Tube Heat Exchangers



Air Cooled Heat Exchangers



Filter Elements



Business Structure

Technogas is based on multiple groups to provide innovative & competitive solutions to our clients with respect to their technical and budget requirements. Technogas defines these groups as "Technogas Division". This structured approach leads our clients towards finest solutions, as detailed below:

Technogas Process Design Division

Process Design Division, as the core brain group, provides sales, design and engineering to the other divisions. It includes, but not limited to business development, customer focus, major equipments & material selection, static equipment & line sizing, engineering & design, project management, performance guarantees, pricing, resource allocation, aftersales support & services.

Major Products of Technogas are:

- Process Gas Compression Systems
- Process Refrigeration Systems
- Oil Removal Systems
- Lube Oil Systems
- Compressor & Pumps Packaging

Technogas Static Equipment Division

Static Equipment division is a group with ASME and ISO-9001 Certifications. Static Equipment division supports static equipments design, manufacturing & testing. Its state of the art workshop with "U-Stamp & ISO-9001" is also used for packaging purpose for Technogas projects.

Major Products of this division are:

- Pressure Vessels per ASME Section VIII, Div. 1
- Shell & Tube Heat Exchangers per TEMA & API-660
- Air Cooled Heat Exchangers per API-661

Technogas Product Division

It is a Technogas division which supports on oil removal systems, filtration & other specialized products. These products are used on Technogas systems.

Major Products of this division are:

- Oil Filters Elements
- Coalescers
- Strainers

Technogas Controls Division

This division provides supports on engineering, design & manufacturing of control and electrical systems for Technogas.

Major Products of this divisions are:

- Electrical & Controls Engineering, Design and Integration
- Design and Assembly of Control Panels and Junction Boxes
- PLC and HMI Programming and Configuration



Technogas, Inc.

A Process Equipment Company

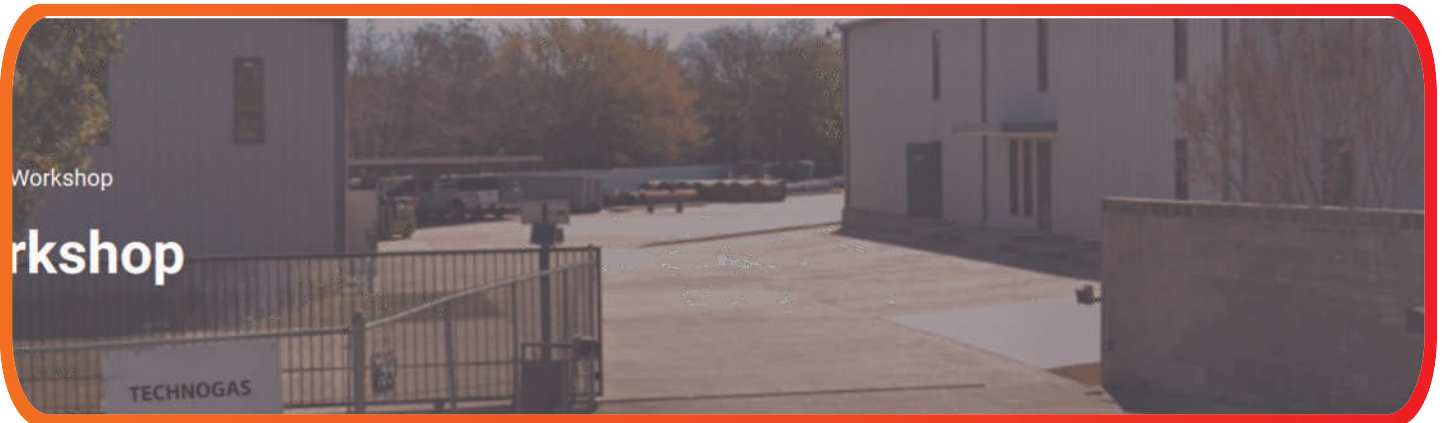
Technogas Locations

Technogas has multiple fabrication locations either by owning or through our strategic partners. This makes us flexible to provide our products to different parts of the world ensuring local laws and shortest possible times.

Technogas USA Location

Technogas has a state of the art workshop located in Dallas, Texas. This workshop has an approximate area of 370,000 SF, including ASME Shop, Non-Coded Manufacturing Shop, Office Area, and Machine Shop with area open for future expansion.

Address: 7990 Dick Price Rd, Mansfield, Texas - 76063 - United States of America



Technogas Middle East Location

Due to increased business in other regions across globe, Technogas has an alternative workshop location in Middle East to ensure prompt delivery matching with our standard quality management system. This workshop is also fully capable of performing all kind of fabrication, project management & quality control work independently while engineering & design is handled by our US team. Technogas US team also visits this shop as needed basis during entire length of the project.

Technogas Middle East FZ-LLC

FDRK4919 Service Block, Al Jazirah Al Hamra, RAKEZ Business Zone-FZ, Ras Al Khaimah, United Arab Emirates. Tel: +971 55 66 15 499, Cell: +971 56 919 4545



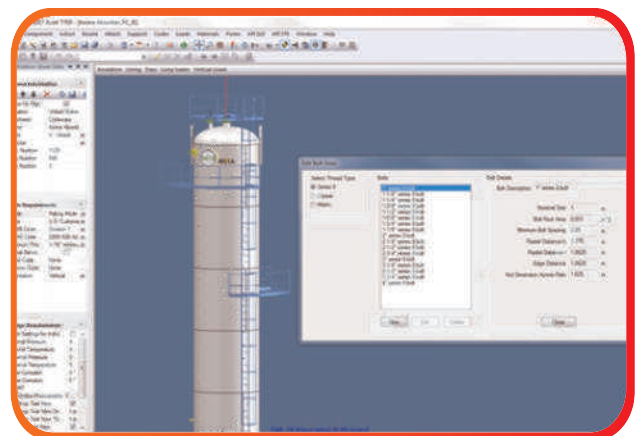
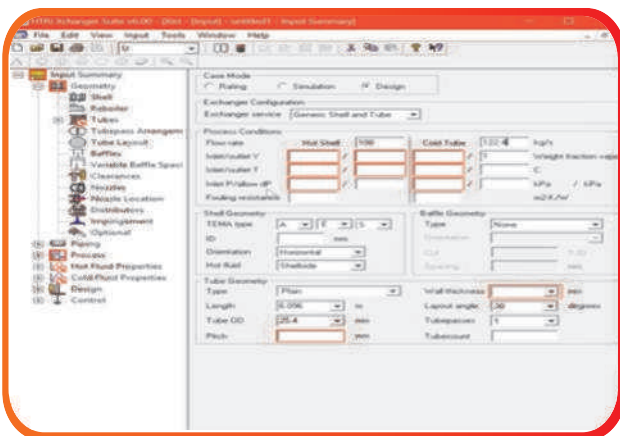
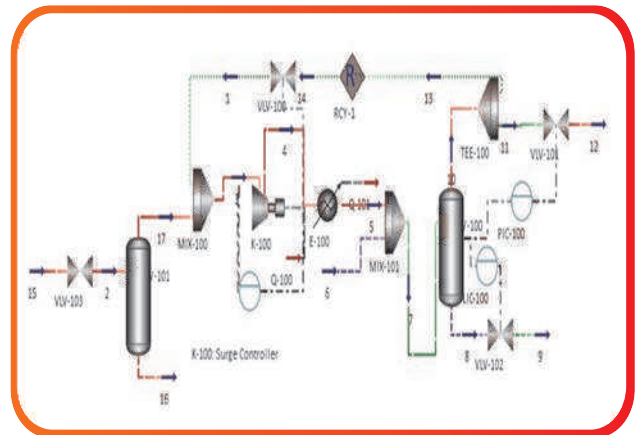
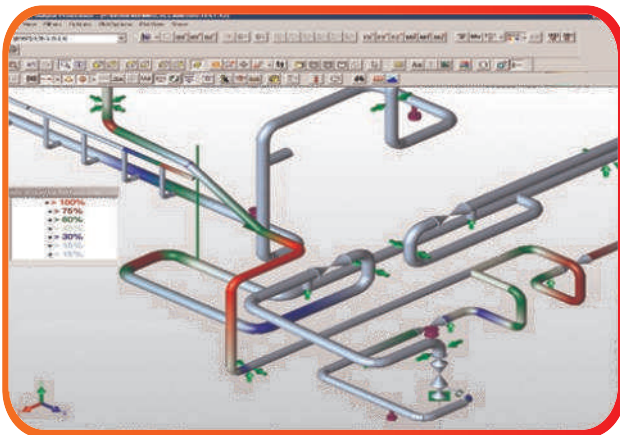
Technogas Resources

Design & Engineering Resources

Technogas, Inc. (TGI) is equipped with highly sophisticated programs for technically sound engineering and design.

Details are as follows:

- Aspen Plus
- HTRI
- PV Elite
- Codeware Compress
- Intergraph Tank
- CAESAR
- AutoCAD
- CADWorkx
- STAAD Pro
- Solidworkx





Technogas, Inc.

A Process Equipment Company

Technogas Resources

Workshop Resources

Technogas, Inc. (TGI) is equipped with state of art workshops and equipments. Details are as follows:

Area Capacity

Description	Area, SQ. FT
ASME Shop	53,000
Office Building	31,000
Non-Coded Shop	39,000
Machine Shop	25,000

Description	Area, SQ. FT
Other Buildings	28,000
Open Area for future extension	194,000
Total Area	222,000



ASME



Non-Coded Manufacturing Shop



Office Space



Machine Shop



Technogas Resources

Lifting Resources

Technogas, Inc. (TGI) is equipped with adequate lifting resources to handle all kind of heavy skids and equipment fabrication. Details are as follows:

Description	Capacity	Qty.
Overhead Crane	10 Tons	3
Overhead Crane	5 Tons	1
Fork Lifter - Toyota	10 Tons	2

Description	Capacity	Qty.
Fork Lifter - Clark	6 Tons	2
Fork Lifter -Hyundai	6 Tons	1
Tractor	4 Tons	1





Technogas Resources

Machine Resources

Technogas, Inc. (TGI) is equipped with adequate lifting resources to handle all kind of heavy skids and equipment fabrication. Details are as follows:

Description	Capacity	Qty.
Press Brake	230 Tons	1
Press Brake	350 Tons	1
Plasma Cutting Machine	40 Ft	1
Plasma Cutting Machine	20 Ft	1
Sub-Arc Welding Machine	6 Ft Manipulator	2
Plate Rolling Machine	Up to 3" Thick Plate	1
Auto Gas Cutting Machine	Up to 2.5"	2
Copy Gas Cutting Machine	Up to 2.5"	1
Power Cutter Machines		4
Power Hacksaw Machines		3
Shearing Machine		1
Bending Machine		1
Pipe Rolling Machine	Up to 2" Pipe Rolling	1
Welding Plants		14
Pipe Bending Machine	1/2" to 4"	1
Nibbling Machine	15-30 Tons	1
Milling Machine	Length 45"	1
Lathe Machine		1
Radial Drill Machine	3/8" to 8" Dia Hole	1
Fix Drill Machine	5 mm to 42 mm Dia	1
Magnet Drill Machine	Max. 25 mm Hole	2
CNC Machine for Plate Holes	12 to 23 mm	1
Shaper Machine		2
Surface Grinder Machine		1
Table Grinder Machine		1
Air Compressor	5 - 20 bar	1
Diesel Generator	35-310KVA	1
	Total	49



Technogas Resources

Machine Resources – Pictures



Ajan Plasma Cutting System



Plate Bending Roll



Plate Roll



HEM Horizontal SAW



Ajdira CNC Press Brake



Universal Hydraulic Press Brake



Cincinnati Shear



Technogas, Inc.

A Process Equipment Company

Technogas Policies, Qualifications & Certifications

Mission Statement

Technogas, Inc. [TGI] mission is fortified by four principles including Innovation, sustainability, safety, and customer focus. We pride ourselves on quality products with safety and innovative applications that are developed as a result of ingenuity and technical expertise.

The management & staff of TGI are committed to being a leading provider of custom engineered process gas compression, process refrigeration systems and specialized engineering products of the highest quality. Our products deliver superior value and service for our customers.

Naveed Jamil
Naveed Jamil
President

Dec 2nd, 2018
Date

Quality Policy

The management and staff of Technogas, Inc. (TGI) are totally committed to being a leading provider of quality Refrigeration Plants and Engineering Products with the full compliance of Codes, Standards, and Customer's specification.

TGI will protect its reputation for quality products at all times while maintaining competitive offerings in the marketplace.

This policy shall be achieved by the implementation and maintenance of a documented quality system which reflects TGI's commitment to satisfying and maintaining the requirements of national and international quality management systems.

TGI has committed itself to becoming a specialized, efficient and innovative organization with the following philosophy:

- Provide our Customers with superior products and creative service in the area of process refrigeration plants and other specialized, engineered products/systems.
- To strive for continuous improvement in our products through monitoring of our internal processes, and Quality Management Systems.
- Maintain our position of leadership within the industry through technical sophistication, conservative engineering designs, and the finest quality manufacturing.
- Provide job security and enrichment to our employees based on performance and Customer Service.
- Obtain repeat business from our customers.

Naveed Jamil
Naveed Jamil
President

Dec 2nd, 2018
Date

Safety Policy

It is the Technogas, Inc. [TGI] Policy to promote and maintain a safe and healthy work place for our employees and visitors, and to be environmentally conscious with facility compliance to protect the environment from polluting our neighbors and local communities.

Environmental, Health and Safety are core values stressed at all levels at TGI. Safety does not occur by chance, therefore TGI actively strives to go beyond the highest standards to comply with Local, Regional, State and Federal Regulations.

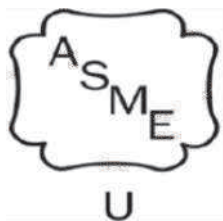
TGI is fully committed to promote Environmental, Health, and Safety Excellence in all aspects of our lives by:

- We hold safety, health, and environmental compliance as core values.
- Management will lead the safety, health, and environmental improvement process.
- Safety, health, and environmental compliance are a shared responsibility of everyone in our organization.
- All employees will be given the knowledge and skills necessary to function in a safe workplace environment and maintain safe working environments.
- Safety, health, and environmental performance are key indicators of organization excellence and will be incorporated into all aspects of our activities.
- We will proactively communicate safety, health, and environmental performance to all of our facilities and departments.
- We will extend our safety, health, and environmental efforts beyond the workplace to include transportation, homes, and our communities.
- We will continuously strive to improve our safety, health, and environmental performance.

The TGI Safety Policy is developed to assure compliance with federal, state, and local regulatory laws.

Naveed Jamil
Naveed Jamil
President

Dec 2nd, 2018
Date





Why Technogas???

TGI team with top notch engineering programs, plentiful resources, multiple locations and experienced personnel make it one stop-first choice of our customer. It combined with excellent technical service, including aftermarket supports provides us a leading edge over other competitors.

Some of the Key factors of our success are:

- ✓ **In-house capability to design and fabricate all sub-components ensuring better control on schedule and quality.**
- ✓ **Multiple locations around the globe to ensure faster delivery.**
- ✓ **Highly experienced Technical Staff with combined experience of 100+ years.**
- ✓ **Maintenance of ISO-9001:2015 Quality Management System.**
- ✓ **After market support in all regions of the world on short notices.**
- ✓ **Multiple options available to select and use compressor in order to provide economic solutions.**
- ✓ **Availability of latest programs to design, engineer and analyze to solve complex design scenarios.**
- ✓ **Technically sound centered approach to secure repeat business.**

Why not ???



Technogás, Inc.

A Process Equipment Company

Thank You



Technogas, Inc.

A Process Equipment Company

Main Office: 15807 Chestnut Branch Trail, Cypress, Texas - 77429, USA.
Ph: +1-832-952-2075

Workshop: 7990 Dick Price Rd, Mansfield, Texas - 76063, USA.

E-mail: sales@technogasusa.com
Web: www.technogasusa.com

Middle East Office:

Technogas Middle East FZ-LLC: FDRK4919 Service Block, Al Jazirah Al Hamra,
RAKEZ Business Zone-FZ, Ras Al Khaimah, United Arab Emirates.

Ph: +971 55 66 1 5499, **Cell:** +971 56 919 4545