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Tomorrows Solutions Today



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# SALOF LIMITED

Providing the CO<sub>2</sub>, LNG, and Industrial Refrigeration markets with World Class Process Systems. Salof provides streamlined, comprehensive EPF services that let project owners and operators worldwide make the most of every opportunity.

**Building a better future, one project at a time; Salof has proven its ability to deliver commercial advantage no matter what the application.**

## **Company Profile:**

Salof Limited Inc., is a Sub S Corporation, incorporated in the state of Texas on March 13th, 2017 (Previously Salof Refrigeration).

We manufacture Modular CO<sub>2</sub>, LPG, LNG Liquefaction Plants, and Low Temperature Process Refrigeration Systems, all of which, are supplied with complete controls integration (PLC & HMI) for safe and efficient plant operation.

Salof is located in New Braunfels, Texas. The facility sits on a 9-acre tract with 30,000 sq/ft of manufacturing space under crane, 6,000 sq/ft of office space and 8,000 sq/ft of parts storage space. The site is situated along interstate 35 in New Braunfels, Texas allowing easy access to transport completed modules throughout the United States, Canada and Mexico. For International shipping, the Port of Houston is 90 miles from our facility

Salof provides turnkey (EPF) capabilities for each project, able to simplify everyday operations and allow for seamless & timely communication's with our Clients. We have over 200 years in-house, relevant experience and are market leaders in providing total product confidence, competitive price and delivery together with a transparent, no nonsense, business approach.

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Advantage

# Applications

Salof equipment, by its nature, is custom designed, with significant elements engineered in accordance with our Client needs. If you do not see what you are looking for below then, please contact us to discuss the specifics of your Project.

## Carbon Capture, Liquefaction & Use or Storage

3 MTPD to 2000 MTPD  
Up to 99.90% gas purity

➤ We believe that the effective management of Carbon Dioxide balance in the atmosphere is fundamental to life and health on our planet. With 50 years experience, Salof has delivered solutions for many carbon dioxide applications such as: Biomass purification, Energy production waste gas (pre and post burning), Food and Beverage consumption & Industrial Gases and Scientific applications (high purity).

## Natural Gas Processing & Liquefaction (LNG)

0.05 MTPA to 0.25 MTPA

➤ Salof has for many years specialized in the delivery of 'Scalable LNG Facilities' that provide more economical, decentralized energy solutions for a number of key applications such as: Remote community power, Truckable (non-pipeline) supply. On demand (minimum local storage) applications, LNG Bunkering applications, Future road transport applications & other bridge fuel applications.

## Heavy Hydrocarbon Removal

For capacities speak with a Salof Representative

➤ Pipeline-quality feed gas for HHR projects can present a unique problem, namely; that the 'Heavy Hydrocarbons (C3+)' can cause fouling and even degradation of plant catalyst. Salof utilizes a simplified approach when designing the HHR system and ensures each equipment design is customized to fully comply with customer requirements. Our approach makes the commissioning, startup and operation of the HHR system simple and robust.

## Process Refrigeration (Low Temperature)

For capacities speak with a Salof Representative

➤ Depending on client needs such as capacity of the refrigeration system, preference of refrigerant, etc, different systems such as single-stage compression, multi-stage compression, cascade, auto-cascade and air or evaporative cooling cycles are presented and discussed. Further engineering analysis is then required in order to optimize the design, lifecycle costs. Our experience with liquefaction technology is diverse, covering industrial, scientific, medical and research applications, including projects like nitrous oxide and ethylene liquefaction plants.

## Service / Parts

➤ Delivery of our equipment and successful completion of your project is not the end of our winning relationship. Salof offers a comprehensive equipment warranty package together with robust technical support and parts sales which are designed to offer customers continued peace of mind. Please check our website for more details.

Delivered



01

**Visitor Entrance**

You can find our facility just off the I35 N Frontage Road, at the southern edge of New Braunfels, Texas (Google Plus Code; MR5C+CF), between the exits for South Solms Road and Engel Road. Visitors should park in the allotted parking in front of our main reception building, enter the reception area and use the intercom to let our staff know they have arrived.

02

**Goods In / Out (Shipping Entrance)**

Caution; This entrance is generally reserved for the movement of goods, equipment which on occasion can be quite large. Please make advance arrangements with Salof personnel regarding delivery / pick up (using this entrance).

03

**Visitor Reception / Main Office**

Salof's main office covers a range of tasks, including visitor reception, meeting rooms, executive / management functions, support services for projects and after sales support such as service and parts. We also offer a broad range of training for our equipment which is generally delivered from this location.

04

**Engineering & Design**

From Front-End Engineering & Design studies through to complex brownfield detailed designs, the Salof Engineering team has the capability and experience to competitively provide plans for client requirements that focus on smooth procurement, fabrication, assembly, transportation and client installation. Our engineering approach prioritizes maximizing modular content, utilizing in-house strategies to design equipment that embodies the principles of Plug & Play (PnP). This enables cost-effective installation for our clients.

05

06

**Manufacturing, Quality, Safety & Training Room**

In our training room, digital models are reviewed to facilitate seamless collaboration among stakeholders, driving towards a unified goal. This collaborative environment supports our core values: prioritizing safety with a Goal Zero mindset and delivering quality through our 'Right First Time' approach.

07

**Manufacturing Shops 1 & 2**

30,000 sq./ft of 'under crane', enclosed manufacturing space, split across two shops.

08

Salof is committed to 'Made in America' and the minimal use of outsourcing for the fabrication, assembly and testing of our modular skids.

09

**Panel Shop**

Salof's UL 508A, 698 & 891 certified panel shop designs and fabricates high-quality control panels that meet industry standards for reliability, safety & performance.

10

**NDT / NDE / Pressure Testing**

This on site capability (radiographic, ultrasonic, MPI and gas / hydrostatic and pneumatic testing) allows us to ensure we deliver on our quality promise of 'Right First Time'.

11

**~4.5 Acre 'Configurable Use' Open Yard Space**

This space is typically split between the needs of current projects and used for a variety of activities such as; storage, FAT, modular fit-up, packing, pre-handover inspection and load-out.

12

**~1.0 Acre External Material Storage**

General storage area for material & equipment.

# WORKFLOW

## Project Stages

### **Pre-FEED/Study**

An agreed (early) design package intended to help the customer to demonstrate the technical and economic feasibility of a specific business opportunity.

### **FEED**

Extends (early) design engineering and forms the basis of the detailed design engineering to a level of accuracy that supports the client acquiring Final Investment Decision (FID). Also a key deliverable for tendering EPC(s).

### **Detailed Design**

The development of all required fabrication documents and drawings up to issued for construction (IFC) including a detailed bill of materials, piping isometric drawings, general arrangement drawings, etc.

### **Procurement**

As the detailed design matures procurement packages are compiled to support the timely, compliant and competitive supply of all the required project goods and services.

### **Fabrication / Assembly**

Salof's fabrication process includes; steel fabrication, piping fabrication, integration and assembly of vendor-supplied equipment, final skid fabrication, assembly, inspection and completion.

### **QA/QC Verification**

A set of work processes intended to make sure that goods or services fully meet the agreed quality requirements for a given project. Salof are a registered ISO 9001:2015 Company and are committed to ensuring our equipment is 'Right First Time'.

### **Delivery**

Standard delivery is Ex Works Salof facility in Texas however variations to the delivery scope, in accordance with Incoterms 2020, can be offered where the customer may require it.

### **On-Site Commissioning**

After the customer completes on-site construction, Salof will provide on-site commissioning and startup services.

### **Performance Testing**

Following startup completion, Salof will provide support for performance testing as outlined in the contract.

### **Final Handover / Warranty & After Sales Support**

On completion of performance testing the plant/system is handed over and Salof's extensive warranty coverage and after sales support department take over - ensuring client satisfaction.



# 500

# FOOTPRINT

Salof Limited Inc. has a significant installed base around the world with many of our valued customers continuing to sustainably operate their facility after 20 years service.

Our latest designs benefit from regulatory change and technical innovations to further advance tangible customer benefits such as; lower capital costs, lower lifecycle costs, flexible operations (turn-down), increased equipment efficiency, reduced emissions, reduced plant size and the potential of extended maintenance intervals.

As of early 2025 Salof has the following equipment installed around the world.

Plant / Facility Type	Global Installed base
CO <sub>2</sub> Capture, Liquefaction, Storage and / or Use	157
Liquefied Natural Gas (LNG)	25
Liquefied Petroleum Gas (LPG)	3
Ultra Low Temperature (ULT)	2
Heavy Hydrocarbon Removal	5

● Denotes a country with Salof Equipment Installed.



# MM Tons of CO<sub>2</sub> Processed

Agile delivery  
of sustainable  
industrial gas  
process systems  
for the Global  
market place.

**Salof Limited Inc.**

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An ISO 9001:2015 Company

