

6 STEPS TO YOUR SYSTEM SOLUTION

1

DETERMINE PROCESS CONDITIONS, SAFETY ASPECTS AND SITING

- Analyze process data
- Determine site installation configuration
- Adjust for location, climate and environmental sensitivities

2

REVIEW EQUIPMENT SIZING AND DESIGN

- Apply proprietary sizing programs based on FICOTEQ's experience
- Consider alternatives to reduce plot area and/or eliminate redundant equipment
- Select skid mounted or modular design
- Evaluate new, reconditioned, retrofit, standard or custom options

3

DEVELOP EQUIPMENT COST ESTIMATES

- Review cost advantages of alternative designs
- Review alternative suppliers for accessory items
- Work with customer preferred suppliers

4

PERFORM DETAILED DESIGN AND ENGINEERING

- Design to customer specification, industry codes and standards
- Provide process, mechanical, vessel, I & E and fabrication designs
- Perform piping flexibility & structural integrity analyses

5

FABRICATION

- Utilize multiple manufacturing facilities for better delivery

6

INSTALLATION, START-UP, TRAINING AND MAINTENANCE

- Retrofit equipment to meet your changing production needs
- Train your personnel from controls through safe operations

OUR CORE VALUES

F

FOCUS

We are committed to providing best results for every client we serve

I

INTEGRITY

Do the right thing. Never compromise integrity and ethics for profit

C

COMMITMENT

Committed to provide best results all the time

O

OPTIMIZE

Get it done and make the best effective use of resources

T

TEAMWORK, TALENT, TRUST & TRANSPARENCY

We believe our team and partners are the key to success

E

EXCELLENCE & EMPOWERMENT

Striving for excellence motivates & empower our team

Q

QUALITY

Quality is always the results of excellent work without

LOCATIONS



USA

16310 Tomball Parkway, Suite 201
Houston, Texas 77064
Telephone: +1-281-653-2221



COLOMBIA

Carrera 46 No. 152-82, Oficina 2-83
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DESIGN, FABRICATION
AND SUPPLY OF PROCESS
EQUIPMENT FOR
OIL & GAS INDUSTRY



FICOTEQ EXECUTES PROJECTS FROM CONCEPTUAL DESIGN TO START UP



COMPLETE EQUIPMENT DESIGN & MANUFACTURING

EQUIPMENT DESIGN

PROCESS

- Process Simulations
- Process Flow Diagrams
- Piping & Instrumentation Diagrams
- Equipment Sizing
- Instrumentation & Control

3D MODELING

- 3D Design
- General Arrangements
- Isometric Drawings
- Equipment Lay Out

MECHANICAL

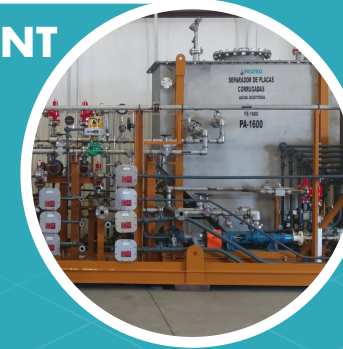
- Vessel Design
- Piping Design
- Structural & Lifting Analyses
- Piping Stress Analysis



**FABRICATION
ASSEMBLIES
I&E HOOK-UPS
SURFACE PREPARATION & PAINTING
FACTORY ACCEPTANCE TEST
COMMISSIONING
START UP
PROCUREMENT
PROJECT MANAGEMENT**

PRODUCED WATER TREATMENT

- Liquid/Liquid Hydrocyclones
- Solid/Liquid Hydrocyclones
- Induced Gas Flotation Units
- Corrugated Plate Interceptors
- Nutshell Filters
- Produced Water Membranes



SEPARATION

- 2 Phase Separators
- 3 Phase Separators
- Desanders
- Slug Catchers
- Free Water Knock Out Drums
- Heater Treaters
- Electrostatic Treaters
- Desalters



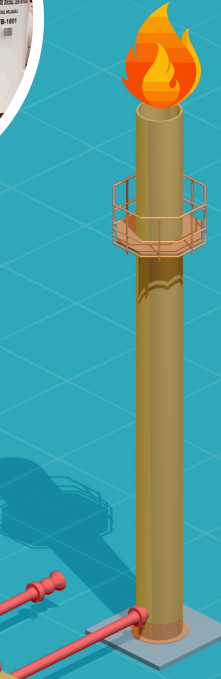
SEA WATER TREATMENT PACKAGES

- Coarse Strainers
- Media Filters
- Ultra Filtration
- Deaeration (Gas/Vacuum)
- Cartridge Filters
- Sulfate Removal Membranes



MISCELLANEOUS

- Chemical Injection Packages
- Pumps Packages
- Nitrogen Conditioning Packages
- Natural Gas Compression
- Vapor Recovery Units (VRU)
- LACTS Units
- Direct Heaters
- Diesel Centrifugal Packages
- Flares
- Metering Packages



GAS PROCESSING & TREATING

- Dehydration Units (Glycol or Mol Sieves)
- Gas Sweetening (Amines, Membranes, Scavengers)
- Dew Point Control (JT Units, Mechanical Refrigeration)
- NGL's Extraction & Stabilization
- Indirect Heaters
- Gas Filter Coalescers Fuel Gas Conditioning

