



# Engineering and Consulting

## PROCESS ENGINEERING SERVICES

### KEY WORDS

PROCESS  
ENGINEERING

TECHNO-ECONOMIC  
ANALYSIS,

PROCESS  
OPTIMIZATION

### DESCRIPTION

PLAPIQUI has the following capabilities:

Technical-economic feasibility studies

Technology selection

Conceptual and Basic Engineering

Facility performance evaluation and plant troubleshooting

Process optimization and value engineering studies

Process debottlenecking

Rigorous process equipment design (heat exchangers, air cooled, columns, etc.)

Pipeline hydraulic calculations

Dehydration Unit calculations

Flare System Studies

Storage calculations.

Refrigeration unit calculations

### APPLICATIONS

Process feasibility studies

Techno-economic evaluation

Technology selection

Conceptual engineering design

Basic engineering development

Process optimization

Debottlenecking studies

Equipment design

Heat exchanger design

Column design

Piping hydraulic calculations

Dehydration unit design

Flare system análisis

Storage vessel design

Refrigeration unit design

Operational troubleshooting

New product process design

### CONTACT US

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