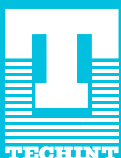


ENGINEERING AND CONSTRUCTION REFINERIES AND PETROCHEMICAL PLANTS



TECHINT
Engineering & Construction

THE SAFETY OF OUR PEOPLE AND THE PROTECTION OF THE COMMUNITIES AND THE ENVIRONMENT ARE OUR TOP PRIORITY

Techint Engineering & Construction is committed to the safety of its workers and to make a contribution to the sustainable development of the countries where it operates, seeking the welfare of communities and the protection of the environment.

All our projects are executed under ISO 9001, thus ensuring the quality standards required by our customers as well as the fulfillment of the terms agreed upon.

We entered into the Refineries & Petrochemical Plants industry in 1956, with the construction of a petrochemical unit at Companhia Brasileira de Estireno Plant, in São Paulo, Brazil.

Since then, we have provided engineering, procurement and construction services for process plants of different sizes and characteristics, implementing the most varied technologies available. We have developed over 450 process plants and installed over 1,000 units, mainly for oil refineries (different units for process, treatment and production, and gasoline and diesel hydrotreatment and hydrodesulfurization plants) and for petrochemical plants in general (chemical, methanol, fertilizers, agrochemicals and herbicides, polyethylene and polypropylene, and also for hydrogen production).

The expertise acquired at world level has enriched the execution and management of these projects and the knowledge gained by our technicians and professionals.

SERVICES WE PROVIDE:

- Project management
- Feasibility studies
- Process and technology selection surveys
- Front-end and basic engineering design
- Detail engineering
- Procurement
- Construction and assembly
- Commissioning and start-up
- Personnel training and assistance in plant operation
- Project financing
- Operation and maintenance

SCOPE OF OUR CONTRACTS:

- Engineering (E)
- Engineering and Procurement (EP)
- Engineering, Procurement and Construction (EPC)
- Engineering, Procurement and Construction Management (EPCM)
- Construction (C)
- Construction Management (CM)
- Build-Operate-Transfer (BOT)
- Build-Operate-Own (BOO)
- Turnkey (TK)

WE WORK ON HEALTH AND PREVENTION PROGRAMS, PURSUING THE "ZERO ACCIDENT" GOAL.

INTEGRAL SOLUTIONS FOR OUR CLIENTS

BRAZIL



PRESIDENTE BERNARDO DE CUBATO (RPBC) REFINERY

CLIENT Petrobras
CONTRACTUAL SCOPE Consistency review of basic engineering, detail engineering, procurement, civil works, electromechanical assembly and assistance to start-up for the new units of Cracked Gasoline Hydrodesulfurization (HDS) and Coke Gasoline Hydrotreatment (HDT).



LANDULPHO ALVES DE MATARIPE (RLAM) REFINERY

CLIENT Petrobras
CONTRACTUAL SCOPE Detail engineering, procurement, civil works, assembly, pre-commissioning, assistance to start-up and maintenance of the catalytic cracking unit, sulfur unit, LPG feed spheres, raw water, demineralized water and boiler water services and interconnections.

TRINIDAD & TOBAGO



GASOLINE OPTIMIZATION AT THE POINTE-A-PIERRE REFINERY

CLIENT Petroleum Company of Trinidad & Tobago Limited (PETROTRIN)
CONTRACTUAL SCOPE Engineering, procurement, construction, pre-commissioning, commissioning and start-up of a sulphuric acid alkylation unit and acid regeneration unit.

URUGUAY



EXPANSION OF LA TEJA REFINERY

CLIENT Administración Nacional de Combustibles, Alcohol y Portland (ANCAP)
CONTRACTUAL SCOPE Engineering, procurement, construction, assembly and start-up of three new units, and renovation works in another three units so as to increase the capacity of the refinery by 30% and to produce unleaded gasoline and low-sulfur gasoil.

WE HAVE DEVELOPED OVER 450 PROCESS PLANTS AND INSTALLED OVER 1,000 UNITS IN OIL REFINERIES AND PETROCHEMICAL PLANTS.

ARGENTINA



PROFERTIL FERTILIZATION COMPLEX

CLIENT Profertil S.A.
CONTRACTUAL SCOPE Basic and detail engineering, procurement, construction, pre-commissioning and start-up of a fertilizer plant, power distribution systems, cooling water, steam, product warehouse, material management, storage and dispatching, workshops, among other facilities.



METHANOL PLANT AT PLAZA HUINCUL

CLIENT YPF
CONTRACTUAL SCOPE Detail engineering, procurement, construction, assembly and start-up of a methanol-producing plant, including process and auxiliary services units.

MEXICO



ESSO CAMPANA CLEAN FUELS

CLIENT Esso Petrolera Argentina S.R.L.
CONTRACTUAL SCOPE Engineering, procurement and construction of several process units, including auxiliary services, with the purpose of desulfurizing fuels to meet the new environmental standards.



NITROGEN ELIMINATION PLANT

CLIENT Petróleos Mexicanos (PEMEX)
CONTRACTUAL SCOPE Engineering, procurement, construction and turnkey contract for two complete processing trains and one cooling tower.

OVER 65 YEARS EXECUTING HIGH COMPLEXITY PROJECTS

Since 1946, Techint Engineering & Construction has provided Engineering, Construction, Procurement and Project Management Services worldwide. Thanks to its broad experience in the market, the company has been able to develop high complexity projects, from engineering to construction, while taking care of the environment and the welfare of the communities where it operates.

- _ PRESENT IN OVER 45 COUNTRIES
- _ 3,500 PROJECTS EXECUTED
IN DIFFERENT MARKET SEGMENTS
- _ 20,000 EMPLOYEES
- _ 2,700 HEAVY CONSTRUCTION EQUIPMENT



Presidente Bernardes de Cubatão Refinery, Brazil.

