

ENGINEERING AND CONSTRUCTION FOR THE WORLD



TECHINT
Engineering & Construction

PRESENT IN OVER 45 COUNTRIES



- _ 20,000 EMPLOYEES
- _ 70,000 KM OF PIPELINES (OUT OF WHICH
18,000 CROSS THE ANDES MOUNTAIN RANGE)
- _ 450 OIL AND GAS PROCESSING PLANTS
- _ 23,000 KM OF HIGH VOLTAGE LINES
- _ 670 OIL AND GAS PROJECTS

_ AFRICA

ALGERIA
DJIBOUTI
EGYPT
KUWAIT
LIBYA
NIGERIA
SAUDI ARABIA
SOMALIA
SUDAN
UNITED ARAB EMIRATES

_ AMERICA

ARGENTINA
BOLIVIA
BRAZIL
CANADA
CHILE
COLOMBIA
COSTA RICA
CUBA
ECUADOR
EL SALVADOR

GUATEMALA

HONDURAS
MEXICO
NICARAGUA
PANAMA
PARAGUAY
PERU
TRINIDAD & TOBAGO
UNITED STATES
URUGUAY
VENEZUELA

_ ASIA

CHINA
INDONESIA
INDIA
IRAQ
IRAN
KAZAKHSTAN
MALAYSIA
RUSSIA
SYRIA
UZBEKISTAN
VIETNAM

_ EUROPA

AUSTRIA
BELGIUM
BULGARIA
CZECH REPUBLIC
GERMANY
GREECE
ITALY
NETHERLANDS
PORTUGAL
ROMANIA
SLOVAKIA
SPAIN
TURKEY
UKRAINE
UNITED KINGDOM

_ OCEANIA

AUSTRALIA



MORE THAN 65 YEARS OF EXPERIENCE IN HIGH COMPLEXITY PROJECTS

Techint Engineering & Construction provides Engineering, Procurement, Construction, Operation and Management services for large-scale projects at a global level.

Our multi-local presence allows us to a deep knowledge of the technical standards, laws and regulations, taxes, financial entities, labor unions and subcontractors in the countries where we operate.

Thanks to our large experience in the market, we can develop high complexity projects, from design to start-up, taking care of the environment and the welfare of communities.

Currently, we provide services in the following market segments: Oil & Gas, Energy, Industrial Plants, Oil Refineries and Petrochemical Plants, Mining, and Infrastructure & Architecture Civil Works.

SERVICES WE PROVIDE:

- _ Project management
- _ Feasibility studies
- _ Process and technology selection surveys
- _ Extended basic and basic engineering design
- _ Detail engineering
- _ Procurement
- _ Construction
- _ 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*)
- _ Build-Operate-Transfer (*BOT*)
- _ Build-Operate-Own (*BOO*)
- _ Turnkey (*TK*)

FROM DESIGN TO START-UP, WE PROVIDE ENGINEERING,
PROCUREMENT, CONSTRUCTION, OPERATION AND PROJECT
MANAGEMENT SERVICES.

3,500 PROJECTS COMPLETED

Techint Engineering & Construction develops projects in the following market segments:

OIL & GAS. Pipelines for oil, gas and by-products transportation. Oil and gas treatment plants. Offshore works and maritime terminals. Facilities associated with transportation systems (compression and pumping stations, storage tanks and other surface facilities). LNG plants.

ENERGY. Simple and combined cycle power stations. Hydroelectric power stations. Nuclear facilities. Renewable energy. Transmission lines. Transformer substations.

INDUSTRIAL PLANTS. Iron and steel plants (industrial cleaning services and units). Other plants (metallurgical, pulp and paper, for aluminum production, for construction materials, for home appliance manufacturing, and for material handling).



OIL REFINERIES AND PETROCHEMICAL PLANTS. Oil refineries (several units for process, treatment and production; gasoline and diesel hydrotreatment and hydrodesulfurization plants). Petrochemical plants (chemical, methanol, fertilizer, agrochemical and herbicide, polyethylene and polypropylene, and hydrogen production).

MINING. Civil works (routes, access roads and ports). Aqueducts and ore Pipelines. Mineral processing plants. Industrial and service structures and buildings.

INFRASTRUCTURE AND ARCHITECTURE CIVIL WORKS. Hospitals. Bridges. Undergrounds. Routes. Highways. Water and sewage treatment plants. Buildings and Aqueducts.



CREATING VALUE IN THE AMERICAS SINCE 1946

BRAZIL



MACAÉ OFFSHORE PLATFORMS

PERU



PERU LNG GAS PIPELINE



PRA-1 OFFSHORE PLATFORM



LANDULPHO ALVES REFINERY



CAMISEA PIPELINES



CHIQUINTIRCA COMPRESSION PLANT

MEXICO



TRANSMISSION LINE 407 ASSOCIATED TO ALTAMIRA II, III AND IV POWER PLANTS



PETACALCO COAL RECEPTION AND HANDLING TERMINAL



COSTA AZUL LIQUEFIED NATURAL GAS REGASIFICATION TERMINAL

ARGENTINA



LOS CARACOLAS HYDROELECTRIC STATION

COLOMBIA



CUPIAGUA PROCESSING CENTRAL UNIT

ECUADOR



HEAVY CRUDE OIL PIPELINE (OCP)

URUGUAY



LA TEJA REFINERY

CHILE



MINERA LOS PELAMBRES

CANADA



WAUPISOO PIPELINE PROJECT

WE PROVIDE INTEGRAL SOLUTIONS TO OUR CLIENTS

Techint Engineering & Construction is committed to the quality, the terms and the continuous improvement of its processes.

Our projects are developed under the ISO 9001 regulation, and employing procedures that meet the quality standards demanded by the client.

We also carry out intensive management planning and control in every undertaking, to meet the agreed deadlines.

In order to provide integral and high impact solutions, we count on highly qualified human resources, sophisticated engineering & construction techniques, a global procurement network and the capability to manage the ongoing projects.

We have a clear view of the business risks that enables us to manage them and execute early actions in order to predict outcomes.

WE HAVE OUR OWN EQUIPMENT AND STATE-OF-THE-ART TECHNOLOGY

Techint Engineering & Construction continuously incorporates state-of-the-art equipment and technology, and updates procedures to improve engineering and construction practices as well as employee safety.

We own more than 2,700 heavy construction units, including cranes with an overall capacity of 4,300 tons.

The decisions made during the engineering stage of a project are critical; therefore, they are managed with CAD, PDS INTERGRAPH and Smart Plant Foundation.

We also use a single database, through which we manage the life cycle of processes and procedures, and we guarantee the integrity of the technical information handled in the company's projects.

WE CARRY OUT A STRINGENT MAINTENANCE PROGRAM AND AN INVESTMENT PLAN THAT ENABLES A PERMANENT UPGRADE OF OUR EQUIPMENT YARD.





LOS CARACOLAS HYDROELECTRIC STATION. ARGENTINA

OUR PEOPLE'S KNOWLEDGE MAKES THE DIFFERENCE

For over six decades, Techint Engineering & Construction has been generating, applying and conveying technical, professional and operating knowledge through 3,500 projects developed worldwide.

The knowledge we have acquired through experience is the cornerstone of our management system, and therefore the talent and training of the personnel are critical drivers. Thus, the education, training and development of our people are key aspects and represent a competitive advantage for the company.

All our employees take part in continuous training programs which have been designed to optimize performance levels, favoring individual growth and the composition of high performance teams.

In this sense, our senior professionals and middle managers of the different headquarters and projects

ALL OUR EMPLOYEES TAKE PART IN CONTINUOUS TRAINING PROGRAMS.

participate in a Postgraduate Course on Project Management, whose main goal is to train future leaders in technical and managerial aspects of the business.

In addition, we have a Young Professionals Plan and an International Rotation Plan which allow them to develop their management ability and to acquire tools to meet market requirements.

Besides, we develop a Comprehensive Training Plan for Supervisors, in view of training them in technical issues, as well as in decision-making and dispute settlement. There is also a plan to train young people from technical schools.

WE ARE COMMITTED TO OUR WORKERS' SAFETY

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

We perform activities in compliance with OHSAS 18001, one of the most demanding health and safety standards worldwide.

We work on health and prevention programs, pursuing the "zero accident" goal and rewarding prudent behavior. We have safety indicators which allow us to measure our management and improve by the day.

We promote the sustainable development of the areas where we work, seeking the ongoing improvement of our environmental performance, which is audited under ISO 14001.



WE CONTRIBUTE TO THE DEVELOPMENT OF THE COMMUNITIES AROUND US

From the very beginning, Techint Engineering & Construction has sought to contribute to the growth and improvement of the quality of life of the people in the communities near its ventures.

Through the years, we have focused efforts on specific issues deemed as the most necessary and long term: education and generation of knowledge, healthcare and habitat improvement, art and culture boosting.

In this sense, we have worked to identify the needs of each community and through different activities, improve the quality of life of its inhabitants.

On the other hand, and for the purpose of extending this practice, we encourage our employees to take part in a corporate voluntary service program, supporting the work of local non-profit organizations.

THROUGH THE "ROBERTO ROCCA EDUCATION PROGRAM" WE GRANT SCHOLARSHIPS TO ENGINEERING AND APPLIED SCIENCE UNIVERSITY STUDENTS AND GRADUATES IN SEVERAL COUNTRIES.

