

COMPRESSOR STATIONS



TECHINT
Engineering & Construction

A NETWORK OF ENGINEERING SPECIALISTS DEDICATED TO ADD VALUE

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

Thanks to its broad experience and its local roots in every country where it operates, Techint E&C is able to develop high complexity projects, from design to start-up, protecting the environment and ensuring the welfare of the surrounding communities.

Techint E&C designs and delivers cost-effective and sustainable solutions to its customers worldwide by participating from an early stage of the project until the facility is operating.

Through its engineering centers in Argentina, India, Italy and Mexico, Techint E&C develops feasibility studies and basic and detailed engineering, bringing best-in-class technology, and constructability and modularization solutions to its customers.

With 70 years of experience and 25,000 employees worldwide, Techint E&C has completed more than 3,500 projects in America, Europe, Middle East and Africa.

LEADERS IN THE OIL & GAS MARKET

Techint E&C specializes in complex Oil & Gas projects and has extensive experience in the upstream, midstream and downstream sectors, including production and processing facilities and GOSPs, offshore platforms and marine facilities, pipelines, compressor stations and other pipeline related facilities, LNG regasification terminals, and refining units.

With an experience gathered from carrying out over 450 pipeline projects and having laid about 70,000 kilometers, we are leaders in designing and building oil and gas transportation systems in the most remote locations around the globe, under the harshest environmental and logistical conditions.



GLOBAL EXPERIENCE IN COMPRESSOR STATIONS

Techint E&C leads the complete development cycle of gas compressor stations, from conceptual and final design to construction and start-up with in-house resources. We provide operational and maintenance services in alliance with strategic partners, delivering comprehensive and more efficient solutions.

From the very beginning of the projects, we support financial structuring, contributing to project feasibility and adding value across the whole chain.

Our engineering team has a proven know-how and a profound technical knowledge as regards natural gas compression in all its types.

We have a strong relationship with the main developers of compression technologies (turbocompressors, motor compressors, and

alternative compression equipment). We work with compressor packaging companies from an early stage for a higher efficiency throughout the whole investment cycle, in terms of both Capex and Opex.

We are leaders in construction and assembly under challenging conditions. Our experience in remote locations helps us overcome any logistical challenge while keeping the highest quality and safety standards, integrating the communities involved, and protecting the environment.

We are committed to the zero-accident goal and to the sustainable development of the countries where we operate. We perform all our projects in compliance with ISO 9001 (Quality Management System), ISO 14001 (Environmental Management System) and ISO 18001 (Occupational Health and Safety Management System) certifications.

WE HAVE DESIGNED AND BUILT OVER 30 COMPRESSOR STATIONS PROJECTS AROUND THE GLOBE.

TAILOR-MADE DESIGN FOR EACH PROJECT

At Techint E&C we apply value engineering to projects in order to provide our clients improvements in terms of costs, deadlines and quality throughout every stage, combining technical, logistical, structural and sustainability analyses.

This approach, along with the proficiency of the specialists at our Engineering Centers, is what makes it possible for us to meet each client's specific needs, based on a methodology that includes constructability services.

In complex natural gas transportation systems, we evaluate alternatives that enable the selection of the best-suited equipment at the very initial phase of the project and that meet all compression needs throughout the facility's lifetime. Additionally, we bring in solutions considering geographical restrictions, ensuring compliance with the most demanding environmental and social standards.

INTEGRAL SOLUTIONS FOR OUR CLIENTS

CUSCO, PERU



KEPASHIATO COMPRESSOR STATION

CLIENT TRANSPORTADORA DE GAS DEL PERÚ (TGP)

SERVICES PROVIDED Conceptual, basic and detailed engineering on every component of the compressor station, procurement, construction, assembly, and start-up of the plant, with four turbocompressors that amount to 72,000 HP total power.

CUSCO, PERU



EPC-30 WELL HEAD COMPRESSION PROJECT

CLIENT PLUSPETROL

SERVICES PROVIDED Basic engineering of Balance of Plant and detailed engineering, procurement, construction, and start-up of two new turbocompressors at Malvinas plant of 1,000 MMSCFD inlet gas maximum capacity.

AYACUCHO, PERU



CHIQUINTIRCA COMPRESSOR STATION

CLIENT TRANSPORTADORA DE GAS DEL PERÚ (TGP)

SERVICES PROVIDED Basic and detailed engineering, procurement, construction, assembly, and start-up assistance of four turbocompressors with a combined power of 72,000 HP, air coolers, and service facilities. The installed transport flow is 1,090 MMSCFD.

SAN LUIS POTOSI, MEXICO



NARANJOS COMPRESSOR STATION

CLIENT TRANSPORTADORA DE GAS NATURAL DE LA HUASTECA (TRANSCANADA)

SERVICES PROVIDED Engineering, procurement, and construction of a compressor station consisting of three turbocompressors. It also included the expansion of the Tamazunchale gas pipeline reception and delivery stations.

WE PARTNER WITH LEADING TECHNOLOGY SUPPLIERS
TO PROVIDE THE MOST EFFICIENT SOLUTIONS.

SAN LUIS POTOSI, MEXICO



TAMAZUNCHALE GAS PIPELINE EXPANSION

CLIENT TRANSPORTADORA DE GAS NATURAL DE LA HUASTECA (TRANSCANADA)

SERVICES PROVIDED Engineering, procurement and construction of the Tamazunchale extension gas pipeline surface facilities, including a compressor station with four turbocompressors and a total installed power of 60,000 HP.

COLIMA, MEXICO



TUXPAN COMPRESSOR STATION

CLIENT ENERGÍA OCCIDENTE DE MÉXICO (TRANSCANADA)

SERVICES PROVIDED Detailed engineering, procurement and construction of a compressor station with two turbocompressors for the Guadalajara gas pipeline. Total installed capacity amounts to 320 MMSCFD.

TAMAULIPAS, MEXICO



SAN FERNANDO GAS PIPELINE

CLIENT GASODUCTOS DE TAMAULIPAS (EL PASO ENERGY & PEMEX)

SERVICES PROVIDED Basic and detailed engineering, procurement and construction of a 120 km gas pipeline and two compressor stations, each one including three turbocompressors and an installed power of 30,000 HP.

CORDOBA, ARGENTINA



BALDISSERA COMPRESSOR STATION

CLIENT TRANSPORTADORA DE GAS DEL NORTE (TGN)

SERVICES PROVIDED Construction of a new compressor station with a 15,000 HP turbo-compressor and expansion of two other existing stations (La Carlota and Beazley) of the Centro Oeste gas pipeline, increasing its capacity of gas separation and filtering.

COMPRESSOR STATIONS

