



Inter^{te}chn^e

OIL & GAS



OIL & GAS SERVICES

UPSTREAM - MIDSTREAM - DOWNSTREAM SERVICES

Offshore Exploration and Production Platforms

- Change, Maintenance and Operational Continuity Projects;
- Projects of auxiliary installations for oil & gas production and processing on platforms and floating units (FSO's, FPSO's);
- Utility Systems Projects;
- Accommodation installation projects;
- Control, safety and electrical systems design;
- HVAC system design;
- As built using laser scanning technology, modeling using CAE tools, and reverse engineering to ensure quality in construction and assembly;
- Lifting studies, structural calculations for resizing and modification projects;
- Safety studies (HAZOP, HAZID, LOPA, SIL, APR, APP).

Onshore Oil & Gas, Petrochemical and Fertilizer Facilities

- Projects for Oil Processing Plants;
- Projects for Petrochemical Facilities;
- Projects for Control, Security and Electrical Systems;
- HVAC Systems Design;
- As built using laser scanning technology, modeling using CAE tools, and reverse engineering to ensure quality in construction and assembly;
- Lifting Studies;
- Safety studies (HAZOP, HAZID, LOPA, SIL, APR, APP);
- Process Simulation;
- Drainage and treatment projects;
- Architecture and landscaping projects;
- Utilities and offsite facilities projects;
- Piping and equipment projects;
- Piping flexibility analysis;
- Construction capability analysis and assembly simulations;
- Civil infrastructure projects.



OPERATING AREAS



Feasibility Studies



Basic and Executive Projects



Construction management services in segments like oil, gas, airports, subways, dams, hydroelectric, photovoltaic and wind power plants, railroads and general infrastructure.



OIL & GAS EXPERTISE

UPSTREAM SERVICES

Exploration & Production.

- Basic and Executive Projects for PETROBRAS' platforms in Campos Basin and Espírito Santo Basin
- Basic and Executive Projects for units of the Pole Arara - Urucú - Petrobras
- Project for Araracanga field exploration for gas production increase in Arara Complex - Petrobras
- Project for the Unit of Treatment and Recovery of Natural Gas in the Azulão field - Petrobras
- Technical support of maintenance engineering and operation for UO-RIO / UO-BC and UO-ES PETROBRAS
- Support for Monitoring Services of equipment and production systems and production support UO-RIO / UO-BC PETROBRAS.

MIDSTREAM SERVICES

Petrochemical

- Experience of 10 years in the preparation of Conceptual, Basic and Executive Engineering Projects for brownfield and greenfield enterprises in the main sites of BRASKEM throughout Brazil. In this period were more than 600 projects for 20 different petrochemical units, using various CAD/CAE platforms and BIM methodology, point clouds in 3D CAE environment, interoperability of several tools and disciplines, construction capability, dimensional control, assembly simulations and support for construction management.

OIL Refinery

- Project Design and Implementation of the Automation Systems Adequacy of UTGCA - Caraguatatuba- PETROBRAS
- Executive Project for REDUC's Naphtha System Reactivation - Petrobras
- Executive Project for REDUC's LPG Regasifiers - Petrobras
- Executive Project Support, Procurement, Integrated Planning, physical-financial control and QHSE advisory for the enterprises under IERL RLAM management - PETROBRAS.

Fertilizers

- Executive project for gas pipeline at Camaçari Compressor Station - FAFEN
- Firefighting system design for Aratu Terminal - FAFEN
- Urea/Ammonia and Nitric Acid Units' Project - FAFEN

DOWNSTREAM SERVICES

Transportation

- Basic and Executive Project for implementation of a new integrated system for receiving raw material, including tanks, pumps and pipelines, from the TEDUT/ TRANSPETRO terminal in Osório at BRASKEM's Q2 site - Triunfo.
- More than 200 Basic and Executive Projects provided for water/land terminals and pipelines operated by TRANSPETRO - Northeast Region in Brazil.



OIL PLATFORM - PNA - P51 - CAMPOS/RJ BASIN



OIL PLATFORM - PNA - P52 - CAMPOS/RJ BASIN



GLP TANKING AND LOADING - JEQUIÉ/BA BASE



BASE JEQUIÉ/BA



TANKING AREA - JEQUIÉ/BA BASE



TRUCK LOADING AREA - JEQUIÉ/BA BASE

OIL & GAS MAIN CUSTOMERS



INTERTECHNE is a Brazilian company specialized in services of:

- Consulting,
- Projects and
- Construction Work Management.

The company operates in Brazil and abroad in the areas of:

- Oil and Gas/Industrial,
- Power Generation,
- Infrastructure/transportation,
- Renewable Energy, and
- Mining.



FOUNDED IN
1987, MORE THAN
35 YEARS OF
EXPERIENCE



ENGINEERING
SERVICES AND
OFFICES IN BRAZIL
AND ABROAD



MULTIDISCIPLINARY
TEAM WITH
MORE THAN 700
PROFESSIONALS

CERTIFICATES



In 2004 the Quality Management System received official recognition after an initial audit when the entire company was assessed for ISO 9001 STANDARD requirements.

NBR ISO 9001

Quality Management System



The company has ISO 14001 certification since September 2009 which represents with the international environmental management standards.

NBR ISO 14001

Environmental Management System



In 2021, the OHSAS 18001 certification was updated to certification according to the ISO 45001 standard in the areas of health and safety.

NBR ISO 45001

Health and safety occupational Management System

AWARDS

CHINCOLD - ICOLD - SPANCOLD AWARD

Salto Caxias Hydroelectric Power Plant - 1240 MW / China 2007

PROMINENT PROJECT AND CONSULTING COMPANY

O Empreiteiro Magazine - 500 Biggest Constructions - Brazil 2008

CHINCOLD - ICOLD - SPANCOLD AWARD

El Cajón Hydroelectric Power Plant - 760 MW / China 2009

CHINCOLD - ICOLD AWARD

Irapé Hydroelectric Power Plant - 360 MW - CBDB / China 2009

PUENTE DE ALCÂNTARA AWARD

Irapé Hydroelectric Power Plant - 360 MW / Spain 2009

PROMINENT PROJECT AND CONSULTING COMPANY

O Empreiteiro Magazine - 500 Biggest Constructions - Brazil 2012

PROMINENT PROJECT AND CONSULTING COMPANY

O Empreiteiro Magazine - 500 Biggest Constructions - Brazil 2014

GLOBAL BEST PROJECTS 2017 - GALEÃO AIRPORT - BEST PROJECT IN "AIRPORTS" CATEGORY

ENR - Engineering News - Record 2017

2021 SPECIAL AWARD - INTERTECHNE CONSULTORES - BELO MONTE HYDROPOWER PLANT AND DIVERSION CANAL, BRAZIL

ICPMA - International Construction Project Management Association - 2021

PROMINENT PROJECT AND CONSULTING COMPANY

O Empreiteiro Magazine - Issue of 50 years of the Brazilian Engineering Ranking 2021

GLOBAL BEST PROJECTS 2021 - LAUCA HPP - BEST PROJECT IN "ENERGY" CATEGORY

ENR - Engineering News - Record 2021

HONOR COMPANY SEAL - PUC CAREERS 2021

Pontifical Catholic University of Paraná



OFFICES IN BRAZIL

Head Office in Curitiba
Branches in Rio de Janeiro, São Paulo, Porto Alegre, Salvador and Macaé

Intertechne