

Ingeteam

Ingeteam Power Technology S.A. Industrial Systems Division

Provides Automation Solutions, Energy-Efficient Drive Solutions also Electrical Equipment for the Oil & Gas industry.

Founded in 1972, Ingeteam Power Technology's is an internationally renowned and leading company in the supply of global state-of-the-art engineering services; a company that develops electrical engineering and control systems for the industry. It is experienced in a wide spectrum of industrial environments, highly skilled in project management, integration of systems and engineering as well as project execution and commissioning.

Ingeteam Power Technology's S.A., Industrial Systems Division, specialises in electric drives and industrial automation processes. The Industrial Systems Division develops systems, using the most advanced technologies available in the market, geared towards improving industrial monitoring and control functions.

SOLUTIONS FOR OIL & GAS

Ingeteam with contrasted experience in electrical machines and power electronics is an EPC solution and product provider for Oil & Gas markets both onshore and offshore and is present in all areas of the supply chain, exploration, extraction, processing, transportation, storage and petrochemical industry. Our experience combined with our engineering and project management capabilities enable us to address challenges of all sizes, whether the requirement is a single component or a complete turnkey equipment.

Ingeteam's automation solutions, offers open, standards-based multidiscipline control for the continuous production, processing, transportation and refining of oil and gas products. A common design environment helps customers seamlessly integrate information, process control, motor control, safety, and condition monitoring across all aspects of the oil and gas operations.

Our scalable, information-enabled architecture feeds data from the wellhead to production planning systems via role-based dashboards customized for anyone in the organization.

GENERAL SERVICES

Management / Project Coordination

Provision of human resources to control and monitor the integral development of each project.

Engineering and Documentation

Analysis, design and execution of the basic and detail engineering, electrical equipment and automation.

Energy Distribution

Supply of Medium Voltage Switchgear, power transformers and auxiliary installation for the distribution of energy.

Drive Systems

IPT integrates in-house drive technology low-and medium-voltage frequency converters, using high efficient state-of-the-art equipment, or installs the equivalent technology available in the market.

Integrated Automation Systems

Design of level 1, level 2 and TCS (Technological Control System) hence, improving data management and optimizing processes built values.

Workshop Tests

We have our own installations to carry out tests on equipment, and check software in hardware platforms.

Electrical Installations

Supervision and execution of the complete installation based on developed engineering and the applicable standards.

Commissioning

The technical personnel that participated in the previous phases of a project will also be in charge of its execution.



Ingeteam

IPT is an exclusive supplier of solutions along the value chain in the Oil & Gas industry offers a wide variety of services designed to meet the exact demands of the hydrocarbon industry.

INGEDRIVE® is the family of low-and medium-voltage frequency converters designed and manufactured by Ingeteam. Their modular design allows them to cover a wide range of powers and voltages, while their intuitive structure makes them easy to use and maintain.

INGEDRIVE® frequency converters are designed for single - and multiple -motor applications and can work with both synchronous and asynchronous motors as well as permanent magnet motors.

The range of INGEDRIVE® frequency converters is ideal for both four-quadrant operation with energy feedback (AFE configuration) and for applications without energy feedback (DFE rectifier).

The incorporation of control via optic fibre for the whole converter range and the use of latest generation semiconductors, result in technologically - advanced, highly - efficient equipment with a safe, flexible and user-friendly interface.

INGEDRIVE® is available with powers from 250 kW to 27 MVA, and voltages from 400 V to 15 kV, offering robust, reliable and long-lasting equipment.

Electrical equipment and complete solutions to drive motors, compressors and pumps.

We engineer and deliver fully integrated electrical power systems with a strong focus on minimizing downtime. Our industrial strength, automation and drive solutions, create the communications infrastructure necessary to monitor, control and optimize the total process. With our unique expertise in electrification, complete single-source solutions for upstream processes helps deliver greater reliability, increased availability and higher efficiency.

Proven solutions with high reliability and efficiency for oil and gas applications

To meet the harshest requirements of industrial processes, IPT's portfolio of downstream application solutions helps ensure high reliability and operational efficiency. We offer the right solution of motors and drives to power all types of downstream processes, and monitoring and control solutions to protect critical assets and visualize energy usage. Drawing on in-depth knowledge of industry processes and challenges, IPT can assist customers to ensure safe, reliable and continuous supply of electrical energy while keeping operating costs stable.

Measurement, control and distribution

- Programmable Logic Controllers (PLC).
- Human Machines Interfaces (HMIs).
- SCADA Software.
- Instrumentation (pressure, level, flow).
- Drives and motors in LV and MV.
- Motor Control Centres (MCCs) and accessories.

IPT offer a range of integrated services for EPC plants including: project management, process engineering, multi-disciplinary detailed engineering, procurement, construction, commissioning and start-up. We also provide maintenance engineering and global service to increase our customers facilities performances. IPT also offers specific automation products and systems expertise which, combined with its electric distribution products, variable speed drives, motors and service, can really provide added value to projects.

IPT have developed service solutions that speed start-up, simplify engagement, augment resources, extend life cycles, enhance knowledge, expedite expertise, reduce capital and improve skills.

Ingeteam

READY FOR YOUR CHALLENGES

