

Engineering, Procurement and Integrated Construction, C.A.

A service industry. IPC services portfolio — adapted English edition.



Who we are

ENGINEERING — Innovative civil, mechanical, environmental and electrical engineering, automation and control solutions. Preventive and corrective maintenance for rotating and static oil and petrochemical equipment.

PROCUREMENT — Reliable national and international technology supply.

CONSTRUCTION — Industrial execution and maintenance supported by technology and qualified people.



Customer relationship

IPC helps oil and petrochemical clients increase production capacity while reducing the likelihood of occupational incidents and illnesses. Advanced thermal and process engineering supports service quality and reliable asset operation. Innovative solutions cover production, treatment, transportation and distribution, backed by modern equipment, specialized talent and field audits.

RELACIÓN CON LOS CLIENTES





PENSAMOS EN BRINDAR A NUESTROS CLIENTES DE LA INDUSTRIA PETROLERA Y PETROQUÍMICA AUMENTAR SUS CAPACIDADES DE PRODUCCIÓN CON UNA MÍNIMA PROBABILIDAD DE OCURRENCIA DE ACCIDENTES Y ENFERMEDADES OCUPACIONALES, ES POR ELLO; QUE APLICAMOS INGENIERÍA TÉRMICA Y DE PROCESO DE AVANZADA, LO QUE GARANTIZA UNA ÓPTIMA ALTA CALIDAD DE NUESTROS SERVICIOS, DE ESTA MANERA LOGRAMOS UNA CORRECTA Y ADECUADA OPERACIÓN DE LOS ACTIVOS DEL CLIENTE.

ADICIONAMOS VALOR A NUESTRA PREMISA DE NUESTROS SERVICIOS CON EL DESARROLLO DE SOLUCIONES INNOVADORAS, POR ELLO CERTIFICAMOS LAS OPERACIONES DE PRODUCCIÓN, TRATAMIENTO, TRANSPORTE, Y DISTRIBUCIÓN DE SUS PRODUCTOS Y DERIVADOS.

EXHIBIMOS NUESTRO SECRETO: POSEER LOS EQUIPOS DE ULTIMA GENERACIÓN Y TALENTO HUMANO ESPECIALIZADO CON CALIFICACIÓN Y EXPERIENCIA, DE ESTA MANERA LOGRAMOS INDICADORES CLAVE PARA LA OPTIMIZACIÓN ENERGÉTICA, LOS PARÁMETROS DE DISEÑO Y LOS OBJETIVOS DE OPERACIÓN, CON SU SEGUIMIENTO POR MEDIO DE AUDITORÍAS DE CAMPO.

LAS INDUSTRIAS QUE SERVIMOS:



REFINERÍAS PETROLERAS



COMPLEJOS PETROQUÍMICOS

National and international standards

Services are developed with reference to applicable PDVSA, API, ASME, ASTM, AISI, ASCE, AWS and ACI requirements. The portfolio also identifies certified computational tools for engineering calculations, design and visualization.

ESTANDARES NACIONALES E INTERNACIONALES

CUMPLIMOS CON TODOS LOS REQUISITOS MÍNIMOS DE LAS NORMAS PDVSA, API, ASME, ASTM, AISI, ASCE, AWS, Y ACI; PORQUE ENTENDEMOS QUE NUESTRO COMPROMISO CON EL CLIENTE ES LA EXCELENCIA. DE ESTA MANERA MEJORAMOS LA EXPERIENCIA DE REALIZAR PROYECTOS LLAVE EN MANO.

HERRAMIENTAS COMPUTACIONALES CERTIFICADAS "SOFTWARE"

Logos of standards organizations: PDVSA, API, ASME, ASTM, American Iron and Steel Institute, ASCE, AWS, American Welding Society, ACI.

Logos of software tools: AMETank, AutoCAD 2019, ptc mathcad, SketchUp, xchanger Suite.

Heat-exchanger maintenance, service and repair

Typical scope: in-service inspection; material supply; mechanical, insulation, civil, instrumentation, cleaning and painting disciplines; maintenance, service and repair; recovery, removal, disassembly, assembly and installation; chemical and mechanical cleaning; sedimented-crude extraction; water blasting; sand blasting; and hydrostatic testing.



Heater, furnace and boiler maintenance, service and repair

Typical scope: in-service inspection; material supply; thermal engineering and design; mechanical, insulation, civil, instrumentation, cleaning and painting disciplines; recovery, removal, repair, disassembly, assembly and installation; chemical/mechanical cleaning; sludge treatment; sedimented-crude extraction; water and sand blasting; surveys, documents and drawings.



Types of furnaces, heaters and boilers

Furnaces/heaters: cabin, vertical cylindrical and platforming. Boilers: preheating boilers, fire-tube steam generators, water-tube steam generators, water heaters and superheaters.

TIPOS DE HORNO/CALENTADORES Y CALDERAS QUE INTERVENIMOS.



› HORNO/CALENTADOR:

- CABINA.
- CILÍNDRICO VERTICAL.
- PLATFORMING.

› CALDERAS:

- CALDERAS DE PRECALENTAMIENTO.
- GENERADORES DE VAPOR PIROTUBULARES .
- GENERADORES DE VAPOR ACUATUBULARES.
- CALENTADORES DE AGUA.
- SUPERHEATERS.



Construction phase

Construction-phase execution for furnaces, heaters and boilers, illustrated by documented field activities in the source portfolio.



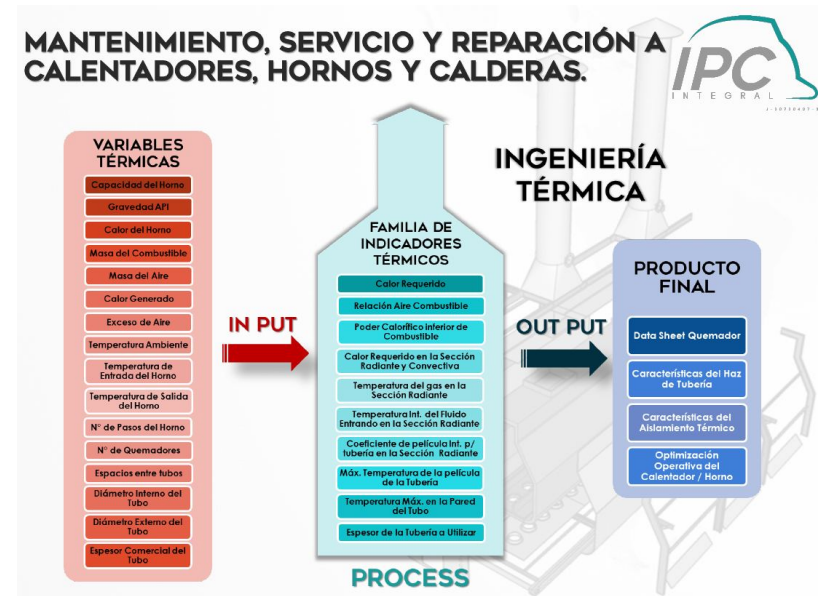
Thermal engineering and design phase

Thermal engineering, design development, calculations and deliverables for furnaces, heaters and boilers.



Maintenance, service and repair

Field evidence of heater, furnace and boiler maintenance, service and repair.



Products for steam generation and process service

Combustion and insulation products include conventional, Low-NOx, Ultra-Low-NOx and next-generation burners; flexible ignition and Class 1–3 gas/oil pilots; refractory cement and brick, ceramic fiber, mineral wool, refractory blankets and rigidizers; and programmable automation, control and monitoring systems.



Tank maintenance, service and repair

Inspection; material supply; engineering and design; existing-tank repair; new construction; fabrication, installation and erection; maintenance; chemical/mechanical cleaning; sludge treatment; sedimented-crude extraction; water and sand blasting; painting; calibration; surveys, documents and drawings. Tank types include fixed-roof, floating-roof, open-top, cylindrical pressure vessels and spheres.



Modern cutting, fabrication and cleaning equipment

Hypertherm Powermax 105 plasma cutter; Lincoln Idealarc DC600; LT-7 submerged-arc tractor; Miller 400 A diesel welding unit; automatic circumferential and vertical welders; air-arc gouging equipment; Jetstream X-Series 20,000/40,000 psi hydro-jet; Graco EcoQuip 2 abrasive blasting; dry and vacuum trucks; rotary-lance systems; aerial tube-bundle extractor; and Graco XP70 airless paint sprayer.



EQUIPOS DE ULTIMA GENERACIÓN

CORTE Y FABRICACIÓN



HYPERTHERM PLASMA CUTTER POWERMAX 105.



LINCOLN WELDING POWER SUPPLY IDEALARC DC600.



MÁQUINA DE SOLDAR POR ARCO SUMERGIDO TRACTOR LT-7.



SOLDADORA INDUSTRIAL A GASOIL MILLER 400AMP. EQUIPO ARCO AIRE PARA CARBONEAR.



SOLDADORAS AUTOMÁTICAS CIRCUNFERENCIALES.



SOLDADORAS AUTOMÁTICAS VERTICALES.

LIMPIEZA



HIJROJET JETSTREAM X-SERIES DUTY DE 20,000 PSI Y 40,000 PSI. MÁQUINA PARA CHORRO DE ARENA ABRASIVO.



MÁQUINA GRACO ECOQUIP 2 PARA SAND BLASTING.



CAMIÓN ASPIRADOR SUPER SUCKER VACUUM (SECO) DE 75B.



CAMIÓN ASPIRADOR VACUUM.



SISTEMA ROTATIVO DE LANZAS.



EXTRACTOR DE HAZ TUBULAR AÉREO.

PINTURA



MÁQUINA AIRLESS PAINT SPRAYER GRACO XP70.

NOS GUSTA MEJORAR LOS TIEMPOS DE ENTREGA DE NUESTROS SERVICIOS, ES POR ELLO QUE POSEEMOS LOS EQUIPOS DE MAYOR OPTIMIZACIÓN.

Integrated solutions

Corporate infrastructure documented in the portfolio: principal office and operational base.



Integrated solutions — Typical site facilities

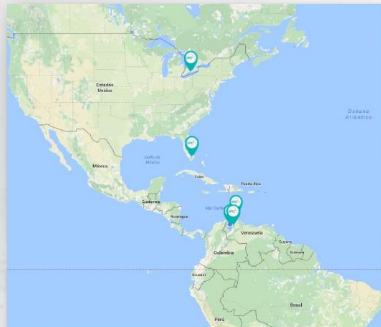
Civil • Mechanical • Welding • Lifting • Nondestructive testing • Procurement.



Strategic location

The source portfolio lists offices in Canada, Aruba, the United States and Venezuela. Addresses and contact data remain available in the original Spanish document and should be operationally verified before use.

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