ENGINEERING

PIPELINES

STRUCTURES

Finmechanical

—Engineering / Pipelines / Structures—

ABOUT US

Finmechanical is a company integrated with professionals of the industry and the construction that counts with more than 30 years of experience in engineering, procurement, and construction at service of the hydrocarbons and COMMS industry.
We count with equipment and highly specialized human resources to bring a solution to every specific requirement of our clients.

Our team counts with professionals with a wide experience endorsed by the execution of high scale projects, our experts are capable to develop low and high scale projects always achieving the highest quality standards and complying the current regulations.
We are a company willing to take on challenges in favor of the development of Mexico, where is our headquarter, but we also have offices in USA and Italy.
Committed to bringing excellence, we care about certifying ourselves to provide a quality service.

OUR CERTIFICATIONS

Our management system includes:

• ISO 9001:2015 • ISO 14001:2015 • ISO 18001:2007 • ISO 45001:2018 • OHSAS 18001

We have the AWS certification for SMAW, GTAW, GMAW welding processes as well as the combination of each of them, such as GTAW + SMAW.

OUR MISSION

Being a leading company that offers construction solutions to our public and private customers, complying with the quality and HSE requirements, working with qualified personnel to contribute to the economic development of the world's energy industry, and generating benefits to society.

OUR VISION

Being the selected company to develop the most transcendental projects, doing our work with the highest international standards, and improving our Quality and HSE management systems. We fulfill our national and international client requests with social responsibility.

OUR VALUES

The convictions that guide our conduct:

- **Legality**
- **Integrity**
- **Leadership**
- **Teamwork**
- **Environment protection and safety**

QUALITY AND HSE POLITICS

Finmechanical always establishes commitments with its projects, while seeks to improve the quality and performance of its services to satisfy its clients and complying with social and economic demands.

For this, we are constantly auditing our processes, which includes:

- **Training:** We seek the continuous improvement of Quality, Environment, and Safety policies with personnel from all areas at all levels, in particular those with high responsibility positions.
- **Organization:** It defines the objectives and scope of all quality, safety, health, and environment policies.
- **Implementation:** Development of the tools to achieve its objectives with an integrated corporate vision and a correct balance in the aspects that contribute to defining new company strategies.

ENGINEERING AND PROCUREMENT

Our services include feasibility studies, generation of preliminary projects, detailed engineering design, assistance in the procurement, and advice in the disciplines of mechanical and civil engineering.

We also provide specialized services in the following disciplines:

- **Processes:** P&ID, PFD, mass and energy balances, hydraulic calculations, datasheets, process risk analysis, specifications.
- **Mechanical:** SMAW welding and GTAW orbital welding up to 36" diameters, calculation reports, static and dynamic equipment, pressure vessels, storage tanks, distillation towers.
- **Civil and Structural design:** structural calculation reports, foundation design, architectural projects, traffic engineering, topography, hydrological & geotechnical studies.
- **Pipes and flexibility:** digital mockups, material specification, flexibility analysis, isometrics, bills of materials.
- **Electrical, Instrumentation, and Control:** short circuit memories, one-line diagrams, wiring schedules, datasheets, specifications.
- **Comms:** SCADA systems, CCTV.

CONSTRUCTION

- **Oil and gas Pipelines**.
- **Oil:** Refining, process, maintenance, and revamping.
- **Hydrocarbons:** Pipelines, compression stations, liquefaction plants, collection and shipping lines, producing wells, and access roads.
- **Electrical:** Combined cycle, substations, transmission, and interconnection networks.

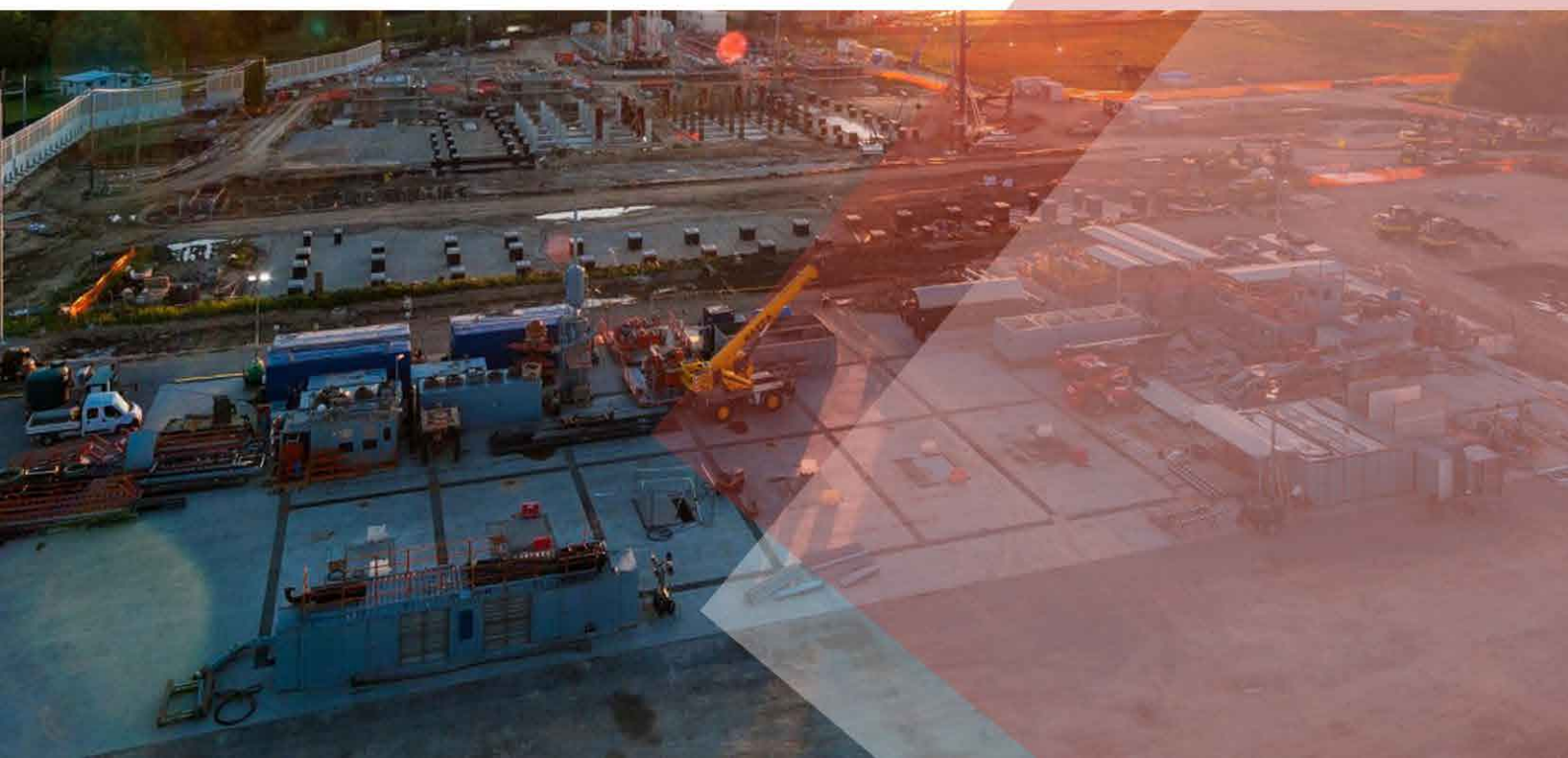
- **Petrochemical:** Processes, reconfigurations, and extensions.
- **Mining:** Extensions, maintenance, conservation, restoration.
- **Hydraulics:** Pumping plants, wastewater treatment plants, and aqueducts.

- **Energy:** Thermoelectric, hydroelectric, wind, photovoltaic.
- **Urbanization:** Roads, airports, hospitals, government offices, supply centers.
- **Building:** Industrial, residential, commercial, and services.

RESOURCES

- We own machinery to immediately start any job.
- Production inspection system by approved and certified personnel.
- Work procedures and execution and inspection controls.
- We have all the tools for the PWT automatic welding.

NEW HOLLAND



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MINERA MARIA

Project: from Pk 431+ 399 to 438+250
Total Length: 7.00 km
Work Start Date: April 2018
Scope of Work: Civil and Mechanical Works for installation of API 5L X-70 36 "pipes.
Civil works: Row, access roads; trenching; lower-in and backfill; Clean up and restoration of the opening road;
Mechanical Works: Stringing of pipes; welding and NDT; Coating; Hydrostatic test and cleaning.

GASOLINERO ARIBABI

Project: from Pk 464 + 700 to 470 + 950
Total Length: 6.435 km
Work Start Date: November 2018
Scope of Work: Civil and Mechanical Works for installation of API 5L X-70 36 "pipes.
Civil works: Civil works: Row, access roads; trenching; lower-in and backfill; Clean up and restoration of the opening road;
Mechanical Works: Stringing of pipes; welding and NDT; Coating; Hydrostatic test and cleaning.

NIÑOS HÉROES

Project: from Pk 423 + 499 to 431+399
Total Length: 8.840 Km
Work Start Date: November 2018
Scope of Work: Civil and Mechanical Works for installation of API 5L X-70 36 "pipes.
Civil works: Row, access roads; trenching; lower-inand backfill; Clean up and restoration of the opening road;
Mechanical Works: Stringing of pipes; welding and NDT; Coating; Hydrostatic test and cleaning.

HYDROSTATIC TEST IN THE SAMALYCA-SASABE GAS PIPELINE (MEXICO)

Project: 191+900 al 220+040
419+551 al 470+867
Total Length: 83.027 km
Work Start Date: May 2019
Scope of Work: Cleaning and hydraulic test of pipes 36”
Mechanical Works: Stringing of pipes; welding and NDT; Coating; Hydraulic Test and cleaning of pipes trought the special sponge

TAXIWAY IN HYDRAULIC CONCRETE AND ASPHALT CONNECTOR

Proyecto: Taxiway in Hydraulic Concrete and Hsphalt Collector
Execution Time: 45 days
Activities: Landing Runway in Hydraulic Concrete and Asphalt Binder Commercial Airport Civil Airport ICAO (INTERNATIONAL CIVIL AVIATION ORGANIZATION)

RAMONES

Project: from Pk 970+ 989 to 989 + 989
Total Length: 19.000 Km
Work Start Date: September 2018
Scope of Work: Civil Works
Civil works: Construction, extension and maintenance of Ramones highway

AGUA PIETRA

Project: from Pk 306+908 TO 307+248
Total Lenght: 500.00 mt
Work Start Date: June 2019
Scope of Work: Civil and Mechanical Works for Installation of API 5L X-70 36 "pipes.
Civil Works: Row, access roads; trenching; lower-in and backfill; Clean up and restoration of the opening road;
Mechanical Works: Stringing of pipes; welding and NDT; Coating Hydrostatic test and cleaning.

EJIDO MORELOS

Project: from Pk 419+511 to 423+500
Total Lenght: 4.100 km
Work Start Date: November 2019
Scope of Work: Civil and Mechanical Works for Installation of API 5L X-70 36 "pipes.
Civil works: Row, access roads; trenching; lower-in and backfill; Clean up and restoration of the opening road;
Mechanical Works: Stringing of pipes; welding and NDT; Coating Hydrostatic test and cleaning.

RESTITUCION

Project: from Pk 464+700 to 438+230
Total Lenght: 26.00 km
Work Start Date: November 2019
Scope of Work: Civil and Mechanical Works for Installation of API 5L X-70 36 "pipes.
Restauración del DDV
Civil Works: Civil works

IMURIS - CIERRA IMURIS - RIO BABASAC

Project: from Pk 470+750 AL 478 + 700 "Imuris"
Total Lenght: 8.00 km
Work Start Date: July 2019
Scope of Work: Civil and Mechanical Works for Installation of API 5L X-70 36 "pipes.
Civil Works: Row, access roads; trenching; lower-in and backfill; Clean up and restoration of the opening road;
Mechanical Works: Stringing of pipes; welding and NDT; Coating Hydrostatic test and cleaning

VALVE INTERCONNECTION

Activities: Valve interconnection of POS-16, POS-18, POS-17, POS-9, POS-8, POS-11, POS-10

Maneuvering of lifting and enabling pipes inside and outside the trench.
Welw application under the Smaw process and process combination GTAW + SMAW

AQUEDUCT CIUDAD DE JUAREZ

Project: proposed modification of the tank interconnection line
Lenght: 0+000 a 3+360 pipeline 36” 0+000 a 0+700 tpipeline 36″
Start date: September 2020
Activities: Trench opening, Carrying of demolition product material, Pipe laying, Welding application, Application of interior and exterior coating, Preparation of bed, pre-capping and covering in compaction of first layer and second layer 90% proctor, Hydrostatic test

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graphic project: allegrimultimedia.com

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