

GENERAL BROCHURE

GCI STRENGTH FOR OUR CLIENTS

OUR COMMITMENT

We are a 100% Mexican and socially responsible company that operates throughout the country and offers specialized services in the structuring, management and execution of works for the Oil and Gas, Electrical, Clean Energy, Petrochemical, Food, Pharmaceutical, Infrastructure and Mining sectors.

MISSION

We are a company that provides specialized services of excellence in the structuring, management and execution of works directed to the exploration and production of gas and hydrocarbons, petrochemical and energy sectors, guaranteeing the successful completion of projects under high quality standards, contributing to sustainable development and total customer satisfaction.

VISION

To be the leading company in the hydrocarbon sector at a national level, recognized for the excellent quality of our products and services, contributing to the development of the industrial sector through a qualified professionalism, highly efficient and dynamic experience, offering our clients guarantees of success and high profitability.

POLICY

In GCI Oil & Gas we are committed to meeting the quality requirements of our customers, establishing a culture of highly efficient operation and a sense of responsibility in all our operations seeking continuous improvement of processes and the participation of highly qualified employees.











LAPEM.







INSURED WARRANTY

QUALITY ASSURANCE AND CONTROL

We acknowledge that the effectiveness in the execution of inspections depends to a great extent on the knowledge, skills and experience of the personnel that performs them, for this reason, the training of our collaborators is very important to us.

In our work team we have highly qualified personnel in the following specialties:

- CWI Welding Inspector
- CAWI Welding Inspector
- Certified Inspectors in Penetrating Liquids
- Tightness Inspection by ASNT (Certified Level III)
- Hydrostatic, Pneumatic and FAT Testing

For our organization, the validity of our processes, in addition to the contractual requirements are completed with national and international standards.

STRENGTH OF OUR PROJECTS

In GCI we have an engineering department for the development of our 3D parametric models and shop drawings or manufacturing, we work with Bim Tekla Structures software, software used nationally and internationally, thereby ensuring greater productivity, profitability, accuracy and quality in each and every one of our projects.

One of our strengths is our specialized engineers with extensive experience in the development of large and complex projects, all models and shop drawings go through a strict review process in order to avoid errors in subsequent processes.

We have important alliances for the elaboration of structural calculations such as Epesa, IMP, and other leading companies in the design field.





CAREER

WHAT WE HAVE DONE, DO AND WILL DO

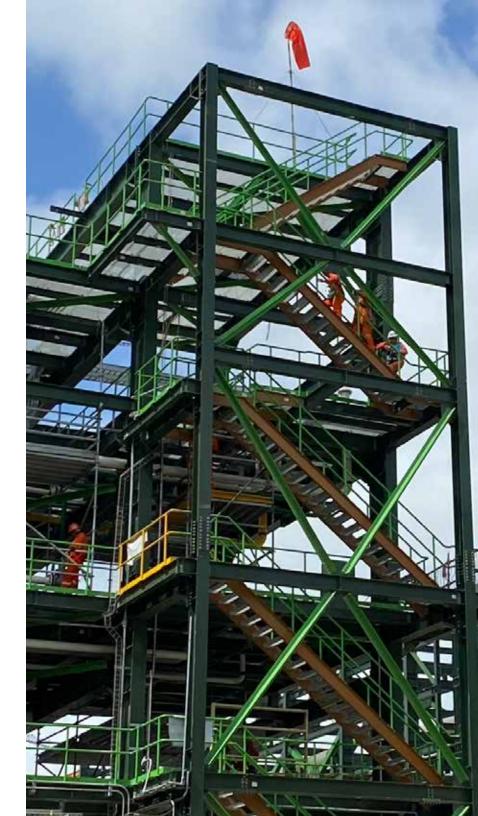
We have executed projects of great magnitude focused on the energy sector, complying with Mexican and American standards regarding the manufacture of metallic structure and composition of structural materials.

We currently perform workshop engineering for the fabrication of metallic structure of the Mexican refineries, for process structures and piping support, we have highly trained personnel to meet the challenges that the steel construction industry demands; we continuously study the market to be at the forefront.

We will increase our capacity as an engineering department by training more personnel and taking the knowledge of the young people who have recently joined us to complement it with the experienced engineers of the department, this is how we achieve a solid base for the execution of our projects, technology is advancing day by day and we will evaluate the integration of artificial intelligence in our processes to achieve greater efficiency.

WE BUILD WITH RELIABILITY AND COMMITMENT

At GCI we distinguish ourselves for having a robust financial infrastructure, which allows us to handle projects of any size with total solvency and security. In addition to our financial strength, we have a highly qualified team, specialized transportation, experienced labor and competent administrative personnel, all backed by ample physical space suitable for the management and development of works. We are equipped with the necessary tools and resources to ensure that each project is executed with maximum efficiency and quality, complying with the highest industry standards.









EPC



OFFSHORE PLATFORMS



FURNACES



METALLIC STRUCTURE



POWER PLANTS



CHIMNEYS



INDUSTRIAL REHABILITATIONS



HSRG



INDUSTRIAL MAINTENANCE



BOILERS AND BLOWERS



We work in the main projects in Mexico hand in hand with the best companies at a national and international level.







ENGENEERING



MACHINERY



CONSTRUCTION



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OUR COMMITMENT TO THE NEXT GENERATIONS

At GCI we are highly committed to the future generations of dedicated and hardworking people of our great country, Mexico. That is why we provide all the support and joined the challenge of forming quality human beings who struggle and strive to be better every day.

We have agreements with the following academic institutions:























ONGOING STAFF TRAINING

SCHOOL OF WELDING AND FITUP

Grupo Constructor Industrial has 2 training schools for the formation of welders in which the workers receive constant training in:

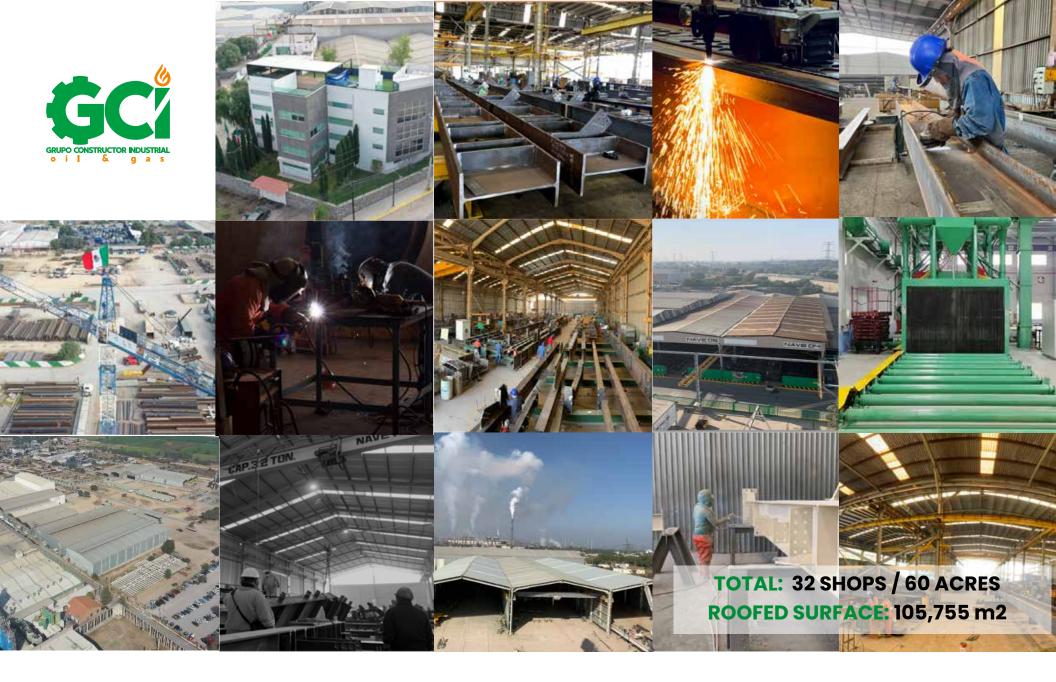
WELDING AREA

Training course in a group of 10 people in 2 schedules with a duration of 120 hours.

• FITUP AREA

Training course in a group of 10 people in 2 schedules with a duration of 120 hours.

SHOPS AND STRENGHTS FOR OUR CLIENTS





HEADQUARTERS PLANT

TULA DE ALLENDE, HIDALGO

22 MANUFACTURING SHOPS AREA: 77,000 m2 10 PAINTING SHOPS AREA: 22,500 m2

SHIPMENT AREA: 6,255 m2



36,000 ANNUAL TONS OF STRUCTURE

1,300,000 ANNUAL DIAMETERAL INCHES IN PIPE WELDING





MOBILE WORKSHOP

Prefabrication of pipes in automatic and semiautomatic process for stainless steel, carbon steel, special material steels and carbon steel materials.

5 WELDING SHOPS

AREA: 77,000 m2

ORBITAL MACHINES: 2 MACHINE PRODUCTION: 1,800 "DI WEEKLY

PRODUCTION CAPACITY

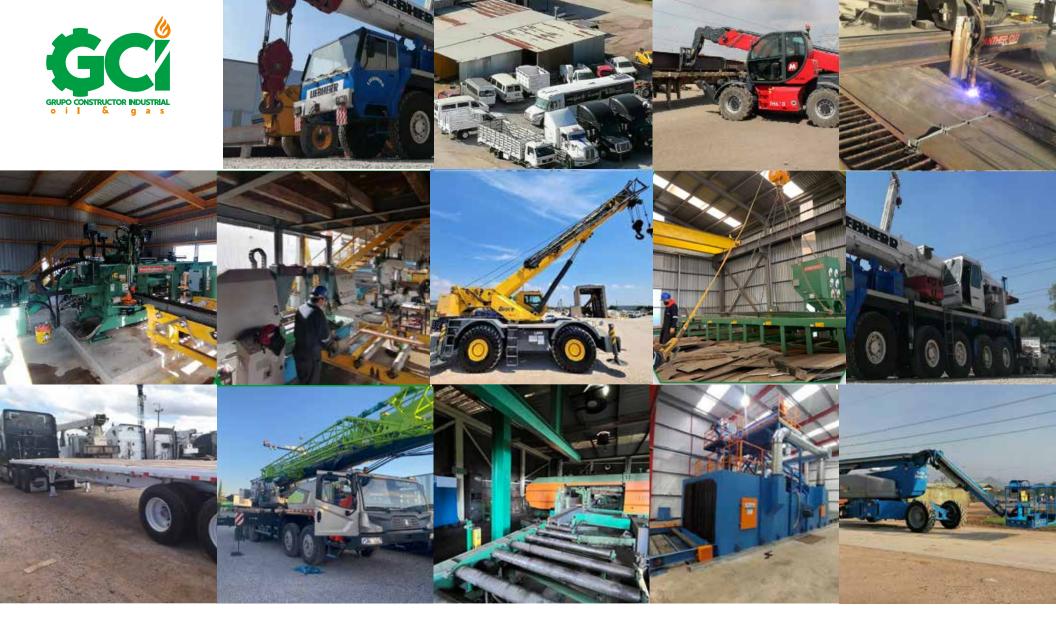
650,000 ANNUAL DIAMETERAL INCHES IN PIPE WELDING





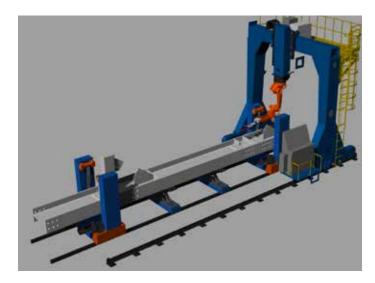


MACHINERY AND EQUIPMENT





INNOVATION FOR OUR CLIENTS



ROBOTIC WELDING STATION



ROLLER SHOT BLASTING MACHINE



IBER LASER CUTTING MACHINE WMT-T350



TX500EY/650 LATHE WITH SIEMENS 828D CONTROLLER



MACHINERY AND EQUIPMENT

SPECIFICATIONS

We have specialized lines for enabling, marking, drilling, cutting plates and profiles up to 3".





ROLADORA DAVI MCB 3060 Roladara 10 pies de largo, tanques de grandes capacidades.



PHANTER CUT PLASMA Máquina CNC de praceso de placa.



LATEST PROJECTS





MEETING BIG CHALLENGES IN DIFFICULT TIMES

DOS BOCAS OLMECA REFINERY PARAISO, TABASCO



WITH OUR EXPERIENCE, CAPACITY AND COMMITMENT,

WE ACHIEVE GREAT RESULTS ALWAYS PRIORITIZING THE CLIENT AND THE PROJECT.

			STRUCTURE		PIPING		EQUIPMENTS		
PROJECT NAME	CLIENT	SCOPE	FABRICATION (TONS)	ERECTION (TONS)	FABRICATIO N (DI)	ERECTION (LM)	PUMPS / COMPRESSOR S	MEASURING / FILTRATION / REGULATION SKIDS	TANKS / PRESSURE VESSELS
NAPHTHA HYDRODESULFURIZATION PLANT	Samsung	ERECTION OF LIGHT, MEDIUM, HEAVY AND ULTRA-HEAVY STRUCTURE		5,932	309,251				
		ERECTION OF STATIC, DYNAMIC EQUIPMENTS AND MODULES		8,223		101,790			
		SUBTOTAL HDN		14,155					
DIESEL HYDRODESULFURIZATION PLANT	Samsung	ERECTION OF LIGHT, MEDIUM, HEAVY AND ULTRA-HEAVY		6,472	318,270				
		STRUCTURE ERECTION OF STATIC, DYNAMIC EQUIPMENTS AND MODULES		12.258		114,660			
		ERECTION OF STATIC, DYNAMIC EQUIPMENTS AND MODULES SUBTOTAL HDDI		12,258					
500,000 BARRELS TANKS		SUBTOTAL IDUI		4,051	150,864	24,137			
	PEMEX PTI				96,552	15,990			
200,000 BARRELS TANKS 500,000 BARRELS TANKS	PEMEX PTI IDINSA – Proyecta	ENGINEERING, PROCUREMENT AND CONSTRUCTION OF FOUR 200 MLB TANKS. ENGINEERING, PROCUREMENT AND CONSTRUCTION OF SIX 100 MLB TANKS.		3,900 2,332	96,552 54.600	3,900			
PIPELINE BLOCK 1 (STORAGE)	PTI - ICA	PIPE FABRICATION AND INSTALLATION ON BLOCK 1		10,021	312,242	237,640			
PIPELINE BLOCK 2 (PLANTS)	PTI - ICA	PIPE FABRICATION AND INSTALLATION ON BLOCK 2		9,750	194,545	171,600			
PIPE INTEGRATION RACK	IDINSA - Proyecta	PROCURA Y CONSTRUCCIÓN DE RACK DE INTEGRACIÓN.		11,150					
INTERCONNECTION BRIDGES	IDINSA - Proyecta	ENGINEERING, PROCUREMENT AND CONSTRUCTION OF		3,799					
DERRICK TOWER	ICA FLUOR	INTERCONNECTION BRIDGE. PROCUREMENT AND CONSTRUCTION OF DERRICK TOWER.		2,972		12,427			
LIQUID SEAL TANKS	Zeeco - Therme	LIQUID SEAL TANK ENGINEERING, PROCUREMENT AND		96		646			
FLARE STACK	Zeeco - Therme	PROCUREMENT AND CONSTRUCTION OF FLARE STACK SYSTEM.		2,031		3,084			
PUMP HOUSES	PTI-ID	ENGINEERING, PROCUREMENT, CONSTRUCTION AND OPERATIONAL TESTING OF 5 PUMP HOUSES.			59,224	14,765	80		
STORAGE AND DELIVERY TERMINAL	PTI-ID	ENGINEERING, PROCUREMENT, CONSTRUCTION AND OPERATIONAL TESTING OF 5 PUMP HOUSES.		928	13,046	6,310		16	
MEASURING SKIDS FOR END PRODUCTS	PTI-ID	ENGINEERING, PROCUREMENT, CONSTRUCTION AND OPERATIONAL TESTING OF 5 PUMP HOUSES.			10,655	2,884			
IN-LINE BLENDING	PTI-ID	ENGINEERING, PROCUREMENT, CONSTRUCTION AND OPERATIONAL TESTING OF 5 PUMP HOUSES.				1,248			
INSTRUMENT AND PLANT AIR	PTI-ID	ENGINEERING, PROCUREMENT, CONSTRUCTION AND COMMISSIONING OF COMPRESSOR SHED.	640	640	9,440	833			
INTEGRATION PIPELINE	PTI-ID	INTEGRATION PIPELINE IN BLOCK 1.			273,967	184,573			
GAS TREATMENT PLANT	PTI-ID	CONSTRUCTION OF GAS TREATMENT PLANT.							
MAYA CRUDE OIL MEASURING SKIDS	PTI-ID	ENGINEERING, PROCUREMENT, CONSTRUCTION AND START-UP OF MAYA CRUDE OIL SKID.			167	300			
NATURAL GAS MEASURING SKIDS	PTI-ID	ENGINEERING, PROCUREMENT, CONSTRUCTION AND COMMISSIONING OF NATURAL GAS SKIDS.			1,163	401			
FUEL GAS SUPPLY	PTI-ID	ENGINEERING, PROCUREMENT, CONSTRUCTION AND START-UP OF FUEL GAS PLANTS.	555	555	11,479	870	1		5
POLYPROPYLENE AND LG FILLERS	PTI-ID	CONSTRUCTION OF PROPYLENE FILLERS.	89	89	3,648	4,060			
SULFUR FILLERS	PTI-ID	CONSTRUCTION OF SULFUR FILLERS.	145	145	5,361	117			
CONDENSATES PLANT	PTI-ID	PIPING, ACCESSORIES AND SUPPORTS FOR ELECTRICAL AND INSTRUMENTATION WORKS, CONCRETE AND METALLIC SUPPORTS. PIPING ASSEMBLY.			7,853	1,530			
		TOTAL VOLUME	1,429	85,821	1,832,327	903,764	96	28	14



"OLMECA" REFINERY

CLIENT: IDINSA-PROYECTA

Supply, manufacturing, coating application and structure assembly.

STRUCTURE: 10, 532 TON

EXECUTION PERIOD: 10 MONTHS

The impossible is the first step towards the extraordinary









We worked with **0 accidents**

INTERCONNECTION BRIDGES

"OLMECA" REFINERY

Supply, fabrication and erection of metallic structure implemented to connect the storage area with the plant area.

STRUCTURE: 3,598.5 TON

EXECUTION PERIOD: 4 MONTHS

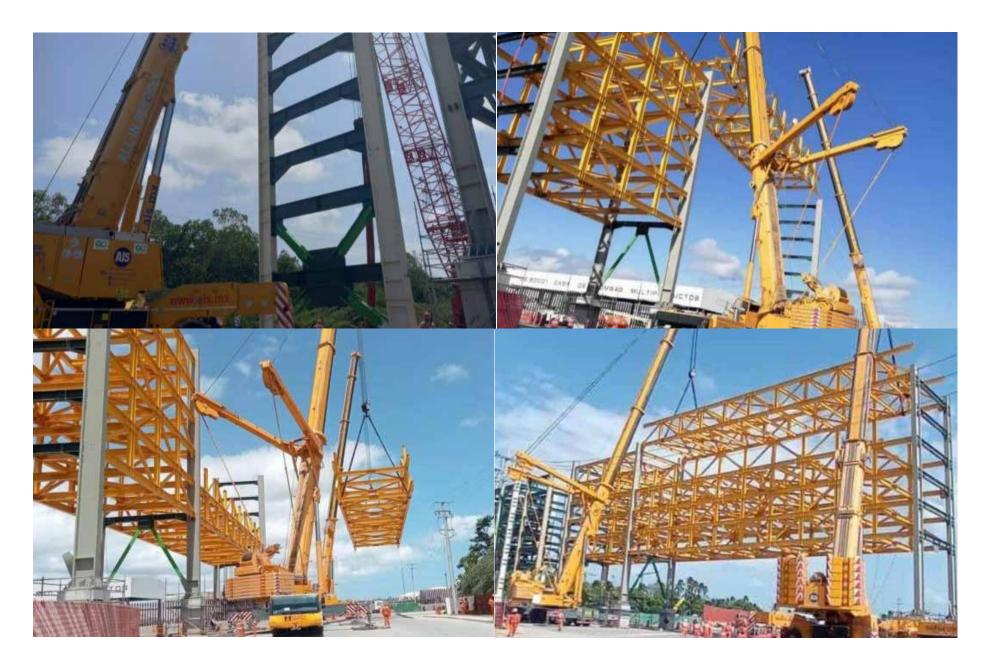












DERRICK TOWER

"OLMECA" REFINERY

Supply, fabrication and erection of metallic structure.

Installation of the tallest Derrick Tower in Latin America and considered the 4th tallest in the world by our technologists Zecco Therme.

STRUCTURE: 2,322 TON

HEIGHT: 200 M 20 MODULES EXECUTION PERIOD: 6 MONTHS

125,000 Hh with no fatalities or accidents.





ASSEMBLY







"OLMECA" REFINERY

CLIENT: SAMSUNG

PARAISO, TABASCO

Manufacture of metal structure, assembly of mechanical and electrical equipment, installation of pipes, prefabricated and pipe installation.

STRUCTURE: 8,197 TON

MECHANICAL EQUIPMENT: 27,903 TON

PIPELINE: 560,799 "DI









HYDRODESULFURATION PLANT NAFTA – HDN

"OLMECA" REFINERY

Manufacture of metal structure, assembly of mechanical and electrical equipment, installation of pipes, prefabricated and pipe installation.

STRUCTURE: 7,712 TON

MECHANICAL EQUIPMENT: 22,164 TON

PIPELINE: 508,938 "DI







MANUFACTURING AND ASSEMBLY OF PIPE FOR PREMISES 1 AND 2

MANUFACTURING AND ASSEMBLY: 1,821 TONS

WELDING: 354,207 "DI **LENGHT:** 280 KM











STORAGE AND DISTRIBUITION TERMINAL

"OLMECA" REFINERY

Detailed engineering, procurement, construction, testing and start-up of the Storage and Distribution Terminal at the Olmeca "Dos Bocas" Refinery.

ASSEMBLY: 9.4 KM **WELDING:** 20,966 "DI

STRUCTURE: 928 TON









"OLMECA" REFINERY

CLIENT: PEMEX PTI-ICA

Pump House Integration Construction: CB-90001, CB-90002, CB-90003 CB-90004, Fire Pump House, In-Line Mixed Measuring Skids WBS-410.

PIPE WELDING:

65,867 "DI

PIPING ASSEMBLY: 14.9 KM







MECHANICAL

WORKS:

281.8 TON



PROPYLENE AND LP FILLING SKID STATION

"OLMECA" REFINERY

Construction of propylene filling skid station.





SULFUR FILLING SKID STATION

"OLMECA" REFINERY

CLIENT: PEMEX PTI-ID

Construction of sulfur filling skid station.

STRUCTURE

MANUFACTURING: 145 TON

ASSEMBLY: 145 TON

PIPELINE

MANUFACTURING: AS 5,361 PD

ASSEMBLY: 117 ML



FUEL GAS SUPPLY

"OLMECA" REFINERY

Engineering, procurement, construction and start-up of fuel gas plant.

ASSEMBLY: 555 ML MANUFACTURING: 11,479 PD

STATIC EQUIPMENT: 5

DINAMIC EQUIPMENT:





MAYA CRUDE SKIDS

"OLMECA" REFINERY

CLIENT: PEMEX PTI-ID

Engineering, procurement, construction and start-up of the Maya crude oil skid

ASSEMBLY: 300 ML MANUFACTURING: 167 "DI





INSTRUMENT AND PLANT AIR

"OLMECA" REFINERY

Engineering, procurement, construction and commissioning of compressor sheds.

STRUCTURE MANUFACTURING: MANUFACTURING: **ASSEMBLY:** 3,648 PD **89 TON 89 TON**

PIPELINE

ASSEMBLY: 4,060 ML



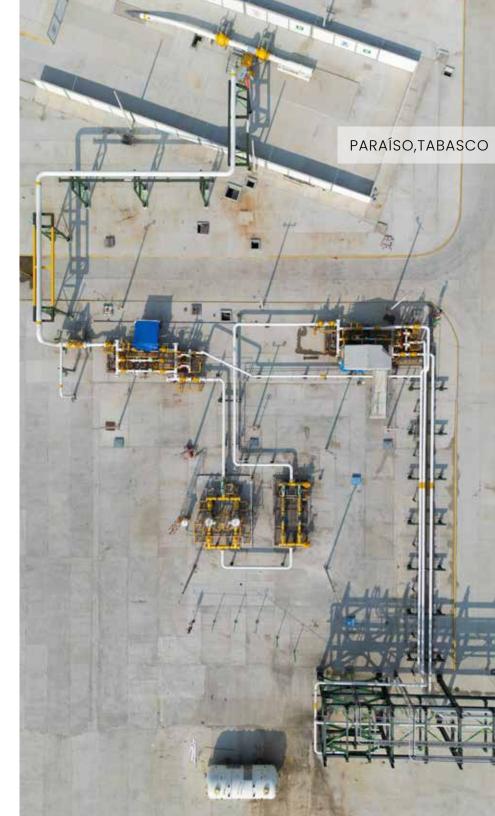
NATURAL GAS MEASURING SKIDS

"OLMECA" REFINERY

CLIENT: PEMEX PTI-ID

Engineering, procurement, construction and commissioning of natural gas skids.

ASSEMBLY: MANUFACTURING: 401 ML 1,163 PD





CONDENSATE PLANT

"OLMECA" REFINERY

CLIENT: PEMEX PTI- ID

Engineering, procurement, construction and commissioning of a condensate plant.

> ASSEMBLY: 1,530 ML

MANUFACTURING: 7,853 PD



NITROGEN STORAGE

"OLMECA" REFINERY

Engineering, procurement, construction and commissioning of a nitrogen plant.







END-PRODUCT MEASURING SKIDS

"OLMECA" REFINERY

CLIENT: PEMEX PTI-ID

Engineering, procurement, construction and commissioning of 5 pump houses.



MANUFACTURING: 10,655 "DI







INTEGRATION PIPELINE

"OLMECA" REFINERY

CLIENT: PEMEX PTI-ID

ASSEMBLY: 184,573 ML MANUFACTURING: 273,967 PD











IN-LINE BLENDING

"OLMECA" REFINERY

CLIENT: PEMEX PTI- ID

Engineering, Procurement, Construction and Operational Testing of 5 pump houses

> ASSEMBLY: 1,248 ML

GAS TREATMENT PLANT

"OLMECA" REFINERY

CLIENT: PEMEX PTI-ID

Construction of gas treatment plant







"MIGUEL HIDALGO" REFINERY TULA DE ALLENDE, HGO.









"MIGUEL HIDALGO" REFINERY

Prefabrication, corrosion coating, installation and testing of carbon, alloy and stainless steel pipes and supports.

> TOTAL PIPING: 224 MILOMETERS





AUXILIARY SERVICES

"MIGUEL HIDALGO" REFINERY

Procurement of instruments, mechanical equipment, mechanical and preliminary works, signal integration and condensate pump procurement (WBS 850, 855 and 860).







NEW PLANTS STRUCTURE

"MIGUEL HIDALGO" EEFINERY

CLIENT: ICA FLUOR

Development of complementary engineering, procurement of equipment and materials, construction, testing and start- up for the naphtha hydrodesulfurization, diesel hydrodesulfurization, hydrogen production, sour water treatment and amine regeneration plants, power supply and venting system.

> TOTAL STRUCTURE: 10,000 TONS







COMBINED CYCLE POWER PLANT SAN LUIS RIO COLORADO, SON.



AIR CONDENSER ASSEMBLY

CLIENT: POWERTECNO ENERGIA MEXICANA S DE RL DE CV

STRUCTURE AND EQUIPMENT: 2,798 TON WELDING: 2,300 "DI 6,759 ML

Always attentive to the client's needs



ASSEMBLY OF PIPING AND MECHANICAL EQUIPMENT

SAN LUIS RIO COLORADO

CLIENT: POWERTECNO ENERGIA MEXICANA S DE RL DE CV

STRUCTURE AND EQUIPMENT: 811 TON

WELDING: 36,332 "DI







GAS OIL HYDRODESULFURIZATION PLANT



SALINA CRUZ, OAX.

METALLIC STRUCTURE

ANTONIO DOVALI JAIME REFINERY

CLIENT: ICA

Supply, fabrication and erection of metal structure (Plant 302 "gas oil hydrodesulfurization plant") for the waste utilization project.

STRUCTURE: 4, 800 TON

IN PROCESS











IPC SPECIALTY





STORAGE AND DISTRIBUTION TERMINAL (TAR)

Engineering, procurement, construction, testing and start-up, this TAR has a capacity of 65,000 barrels for distilled petroleum products.



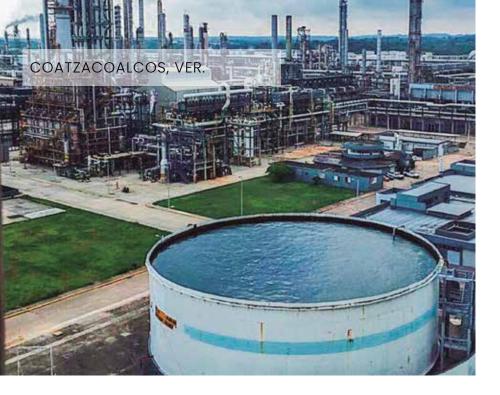


BITTER WATERS

MADERO, TAMAULIPAS

Engineering, procurement, construction, testing and start-up of the 10,000 BPD sour water treatment plant, as well as the procurement of equipment and materials and the construction of the plant's integrations at the Francisco I. Madero Refinery facilities.





FIREFIGHTING SYSTEM FOR PETROCHEMICAL COMPLEX, CANGREJERA

CLIENT: PEMEX

Modification and Rehabilitation of the Fire Water Network of the Cangrejera Petrochemical Complex.





NORTH CARDENAS BATTERIES

CLIENT: PEMEX

Engineering, procurement, construction and start-up of the processes of separation, stabilization, dehydration and desalting of crude oil; treatment and injection of congenital water for the Cárdenas Norte Battery.

DE-GORGED RE-PUMPING STATION

CLIENT: PEMEX REFINACIÓN

Construction of intermediate pumping station (Degollado) for the 16" diameter polyduct.







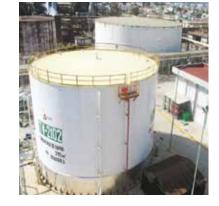


STEAM CONDENSING STATION EC 04

ING. ANTONIO M. AMOR REFINERY

Desarrollo de ingeniería, procura, construcción, integración, pruebas y puesta en servicio de la Estación de Condensación de Vapor EC 04 al instalarse en la Refinería Ing. Antonio M. Amor.







UTE HIDRÓGENO CADEREYTA

ING. ANTONIO M. AMOR REFINERY

Engineering, procurement of equipment and materials, construction, testing, training, pre-start-up and performance testing for the new Hydrogen Generating Plant No.2, as well as the completion of the 12-inch diameter pipeline to transport high-pressure natural gas from El Ramal Ramones - Escobedo to the interior of the Héctor Lara Sosa Refinery.



COMPLETION OF 12" GAS PIPELINE

FOR TRANSPORTING HIGH-PRESSURE NA-TURAL GAS

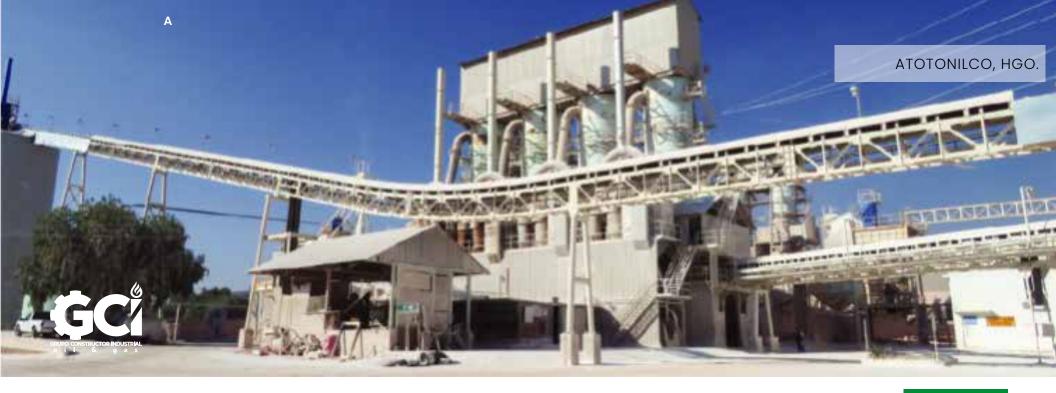
CLIENT: PEMEX REFINACIÓN

Engineering, procurement of equipment and materials, construction, testing, training, pre-start-up, start-up and performance testing for the completion of the 12" diameter pipeline to transport high-pressure natural gas from the Ramones-Scobedo branch to the interior of the Ing. Héctor Lara Sosa refinery, Cadereyta Jiménez, N.L.









BERTRÁN LIMEKILNS

CLIENT: CALERAS BERTRÁN S.A. de C.V.

Engineering, manufacturing and assembly of a kiln with Mearz technology, for the production of industrial limes with a capacity of 600 TON per day.







HEATERS FOR THE CLEAN GASOLINE PLANT

TULA & SALAMANCA

CLIENT: PETROCHEM DEVELOPMENT

Supply, manufacture and installation of direct fired heaters H-11001 & H-11002.





CLEAN GASOLINE UNIT

MIGUEL HIDALGO REFINERY

Prefabrication, anti-corrosion coating, installation and testing of carbon, alloy and stainless steel pipes and supports, area 110, 120, 130 and 320.

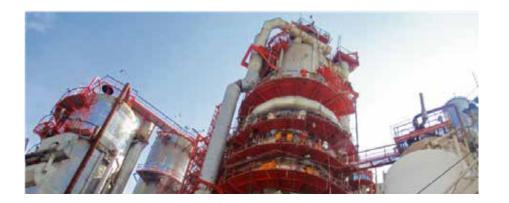




CADEREYTA CATALYTIC INDUSTRIAL REHABILITATION AND MAINTENANCE

CLIENT: PEMEX

Engineering, procurement of equipment and materials, construction, testing, training, start-up preparations and performance tests for the adaptation of the flue gas system of Catalytic Plant No. 1.











METALLIC STRUCTURE





REFINERY RECONFIGURATION

LÁZARO CÁRDENAS DEL RÍO

TYPE OF
STRUCTURE:
COKING,
AMINES, SULFUR,
CATALYTIC
PLANTS.STRUCTURE:
20,000 TONYEAR:
2009DURATION:
3 Years



ETILENO XXI

Supply, fabrication, coating and erection of heavy and semi-heavy metal structures.

DURATION:STRUCTURE:5 MONTHS3,500 TON



ENTERTAINMENT CENTER

Supply, fabrication and erection of metal structures.

DURATION: 10 MONTHS **STRUCTURE:** 1,109 TON



COMBINED CYCLE PLANT

 YEAR:
 STRUCTURE:

 2013
 2,300 TON

Type of Structure: Powerhouse, electrical room and building, pipe racks, operating platforms.



COMBINED CYCLE PLANT

EMPALME I

CLIENT: OHL

DURATION: 17 MONTHS **YEAR:** 2017

STRUCTURE: 3,000 TON

TYPE OF STRUCTURE:

POWER HOUSE, ELECTRICAL ROOM, PIPE RACKS, OPERATING PLATFORMS.





EL BOLEO

YEAR: 2011

STRUCTURE: 2,200 TON

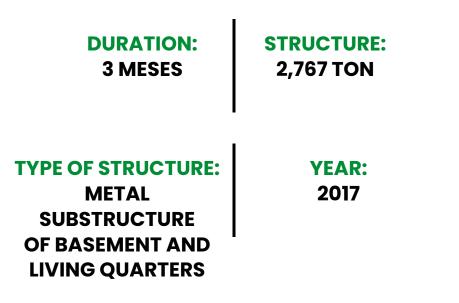
TYPE OF STRUCTURE: PIPE RACKS, EQUIPMENT BUILDING STRUCTURE, PIPE SUPPORT.

ASSEMBLY TLALNEPANTLA

EL BOLEO

CLIENT: GRUPO CARSO

Assembly and erection. Assembly service of the metallic superstructure (basement apartment A).







REHABILITATION

CCR UNIT

Supply, prefabrication, on-site installation works for the modernization of the CCR unit at the Minatitlán Refinery; civil works, structures, electrical works, instrumentation, piping, valves, equipment and insulation.



COGENERATION PLANT

NUEVO PEMEX TABASCO

TYPE OF STRUCTURE:

PIPING RACKS, ELECTRICAL AND MECHANICAL WORKSHOP, OPERATING PLATFORMS **YEAR:** 2012

STRUCTURE: 960 TON

SOLAR PLANT STRUCTURE

A-B UNITS

CLIENT: UTE ABENER ABEINSA NP TABASCO I

DURATION: 3 MONTHS

STRUCTURE: 1,600 TON

TYPE OF STRUCTURE: PIPE RACKS, STRUCTURE SUPPORTS STG, A&B PLANT.





CIV ENGINEERING

YEAR: 2017

STRUCTURE: 170 TON



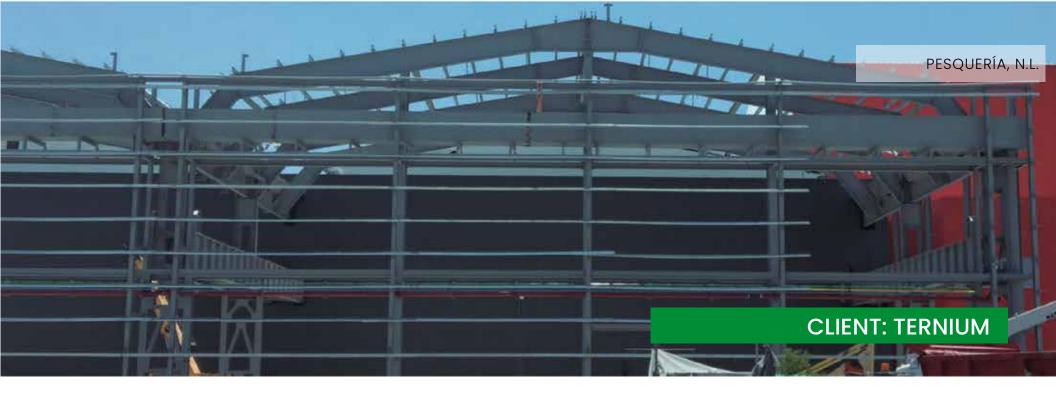
FENIX AHMSA

CLIENT: ICA FLUOR

Supply of materials, fabrication and transportation to the Bosnor yard of the jetty structure.

DURATION: 15 MONTHS **STRUCTURE:** 17,000 TON

TYPE OF STRUCTURE: NAVES PLATE LINES, EXTRACTION HOOD



YEAR: STRUCTURE: 2016 540 TON

MANUFACTURING AND ASSEMBLY OF STRUCTURE

TYPE OF STRUCTURE: EXTENSION OF WAREHOUSE 5 Workshop engineering, supply, fabrication and erection of steel structures.



PROTECTORS AND PLATFORM JETTIES

Supply of materials, fabrication and transportation of structure to Bosnor's jetty yard, type of structure: Fenders, jetty for offshore platforms.

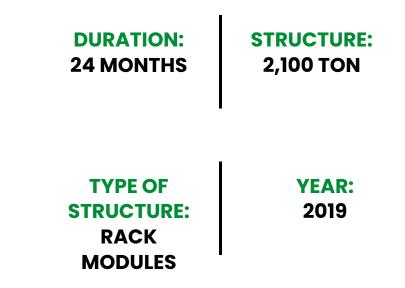
DURATION:
7 MONTHSSTRUCTURE:
230 TONYEAR:
2019



RACK MODULES

BAYTOWN CHEMICALS EXPANSION

Supply, Fabrication, Transport and painting of weldable metal structure for TECNIMONT pipe rack.





BRIDGES URBAN HIGHWAY

DURATION: 34 MONTHS	STRUCTURE: 1,622 TON	SIERVO DE LA NACIÓN
		Supply, manufacture, transport to site
		and erection of metallic structure for
TYPE OF	YEAR:	road crossing clearings.
STRUCTURE:	2019	
MAIN BEAMS (BRIDGE STRUCTURE)		



PLANT EXPANSION

PROCTER & GAMBLE

Supply and fabrication of structure for Procter & Gamble project.

TYPE OF STRUCTURE: MEZANINE

STRUCTURE:

5 TON

YEAR:

2019

DURATION:

4 MONTHS





PIPING







NEW PLANT STRUCTURE

HÉCTOR LARA SOSA REFINERY

CLIENT: ICA FLUOR

YEAR: 2011

HEIGHT: 110 M





PILES AND LOAD-BEARING COLUMNS

MARINE PLATFORM

CLIENT: IDINSA-PROYECTA

Manufacture of carbon steel pipe based on rolled plate.

YEAR:	WEIGHT:	CODE:
2019	411 TON	API 2B





PROCESS PIPING FOR MARINE PLA-TFORM CA-KU-A1

Process piping, Plies catchers for intermediate tripod, supports and coupling cones. 36" 1 1/2" pipe, 24" 1 ¼" pipe.

YEAR: 2019 WEIGHT: 322 TON DE SPOOL CODE: API 2B







ICHALKIL AND POKOCH PLATFORMS

CLIENT: IDINSA

36" and 47" beams, depatinated main beams, platform bracing, pedestal crane, heliport, floor system, lower and upper deck, diesel tank. Structural steel, beam based on 3 plates of 47".

YEAR: 2019

WEIGHT: 1457 TON

OIL TERMINAL

CLIENT: GDI - IENOVA

- 22,849" Fire water service line.
- 25,284" of firefighting foam service line.
- Linear meters of rolled pipe (2 1/2", 3" and 6") 12,379.2 ml.
- 480 TON of galvanized piping / 3,000 m2 of painted piping.



EXECUTION TIME: 90 DAYS



CLEAN GASOLINE UNIT

TULA DE ALLENDE

CLIENT: ICA FLUOR

Prefabrication, anticorrosive coating, installation and testing of carbon, alloy and stainless steel pipes and supports.

Area 110, 120, 130 & 320, Miguel Hidalgo Refinery.









COMPRESSION STATION

Detailed engineering of prefabricated piping, non-destructive testing and transport to site, detailed engineering, quantification of materials, sequence and welding map.





SEPARATION BATTERIES AND STORAGE AND PUMPING STATION

CHICONTEPEC I Y II

CLIENT: ICA FLUOR

Prefabrication and assembly of piping in different diameters and structure, hydrostatic testing, painting, railing assembly, shop engineering and separation batteries.



COMPRESSION STATION

NARANJOS

Prefabrication, coating and assembly of piping, fabrication of supports and assembly of equipment.

Valve installation and hydrostatic testing.



SEPARATION BATTERIES AND STORAGE AND PUMPING STATIONS

CHICONTEPEC I Y II

CLIENT: ICA FLUOR

Prefabrication and assembly of piping in different diameters and structure, hydrostatic testing, painting, railing assembly, shop engineering and separation batteries.





COMPRESSION STATION

EL ENCINO

Mechanical work on high pressure natural gas piping. Application of welding and installation of piping of different diameters.

Assembly of structure for the aircooler area of different diameters.

Assembly of auxiliary equipment for the TCG-160 and TCG-161 turbines.



CLEAN GASOLINE UNIT

SALAMANCA

CLIENT: UOP

Prefabrication, anticorrosive coating, installation and testing of carbon, alloy and stainless steel pipes and supports, area 110, 120, 130 & 200, Antonio M. Amor Refinery.









RAMONES

CLIENT: DRAGADOS OFFSHORE

Prefabrication, corrosion coating, installation and testing of carbon, alloy and stainless steel pipe and supports. Area 110, 120, 130 & 320.



DUCTOS PLANT

FLINT HILLS

Shop engineering, supply and fabrication of pipelines: Duct A, Duct B, Duct Cw/ Perf Plates, Duct D. Duct Ew / AIG Grid.





INDUSTRIAL MAINTENANCES





U502 HYDRODESULFURIZATION PLANT REHABILITATION

GRAL. FRANCISCO I. MADERO REFINERY

Opening and closing of man inlet, Conformation of internals and replacement of fittings, Fluidity tests, Maintenance of PSV valve and Alloy pipe replacement.





U801 HYDROGEN PLANT REHABILITATION





GRAL. FRANCISCO I. MADERO REFINERY

J/C placement, disassembly of equipment, tube bundle removal, external and internal cleaning, assembly (assembly of spool, flat cover, hood, rear cover and floating cover) and hydrostatic tests.



MC LIGHT FRACTIONATING PLANT REHABILITATION

GRAL. FRANCISCO I. MADERO REFINERY

Placement of J/C, disassembly of equipment, tube bundle extraction (with extractor), cleaning and assembly.







REHABILITATION OF COKER PLANT U31000

GRAL. LÁZARO CÁRDENAS REFINERY

CLIENT: PEMEX

Rehabilitation of vertical pump, repair of volute casing with welding and assembly with supply of mechanical seal, maintenance of motor fans, mechanical cleaning and high temperature coating.





SULFUR PLANT REHABILITATION U23000

CLIENT: PEMEX

Refurbishment of static and dynamic equipment, instrumentation, electrical equipment, civil works, process lines, supply of materials and spare parts.









CCR UNIT REHABILITATION

MINATITLAN REFINERY

Supply, prefabrication, on-site installation works for the modernization of the CCR unit.



REHABILITATION, DISMANTLING AND CONSTRUCTION ON VISCOSITY REDUCER

MIGUEL HIDALGO REFINERY

CLIENT: PEMEX

Rehabilitation of the viscosity reduction plant and peripheral areas, including dismantling, procurement, construction, testing and start-up.









FERTINAL FIREPLACE

Basic and detail engineering, supply, manufacture, transportation, assembly and disassembly of chimney.



REHABILITATION AND CONSTRUCTION

BOCATOMA RIO MEZCALAPA

CLIENT: PEMEX

Basic and detail engineering, supply, manufacture, transportation, assembly and disassembly of chimney.







REFINERY RECONFIGURATION

LAZARO CARDENAS DEL RIO

TYPE OF STRUCTURE: COKER, AMINE, SULFUR AND CATALYTIC PLANT **STRUCTURE:** 20, 000 TON

YEAR: 2009

DURATION: 3 años



POWER PLANTS





REFINERY RECONFIGURATION

LAZARO CARDENAS REFINERY

Scope in a single project.Dragados Industriales, S.A..

Package III - 7,000 TONS

Ica Fluor R, de R.L. de C.V. Package II - 6,000 TONS

Mina-Trico S. de R.L. de C.V. Package IV - 7,000 TONSS

Ebramex S. de R.L. de C.V. Package V - 5,000 TONS

TOTAL STRUCTURE: 25,000 TONS







COMBINED CYCLE POWER PLANT

EMPALME I

CLIENT: OHL

Piping racks, electrical building, power house, operating platforms.

YEAR: 2017

TONS: 3,000





COGENERATION PLANT

NUEVO PEMEX TABASCO

Piping racks, electrical and mechanical workshop, operating platforms.

YEAR: 2012

TONS: 960



COMBINED CYCLE PLANT

MORELOS CENTER 264

Casa de máquinas, sala eléctrica, racks de tuberías, plataformas operativas.

YEAR:TONS:20132,300





BAJA CALIFORNIA SUR III

CLIENT: ACCIONA

Piping racks, control rooms, power house, electrical shop.

YEAR: TONS: 2009 850





CCI 236

BAJA CALFORNIA SUR III

Pipe racks+, structure supports STG, Plant A & B.



YEAR: 2012

TONS: 1,600



LOS AZUFRES 327 Cg

LOS AZUFRES III FASE II 25 MW

YEAR: 2019

TONS: 372

DURATION: 4 MONTHS







BOILERS

CB-05 BOILER

CLIENT: PEMEX REFINACIÓN

Manufacture of:

- Package boilers
- Industrial boilers type Bi-Drum
- HRSG recovery boilers
- Biomass burning boilers

YEAR: 2011













FERTINAL FIREPLACE

HEIGHT: 30 MTS MATERIAL: SA-516-70

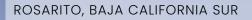
YEAR:

2017

DIAMETER: 4 MTS

WEIGHT: 69,900 KG

FABRICATION CODE: AWWD

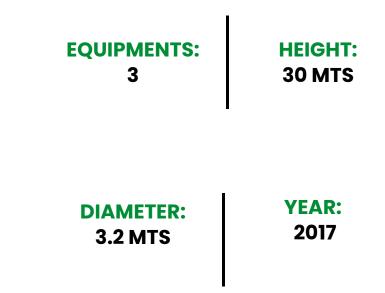






BAJA CALIFORNIA SUR III

CLIENT: ACCIONA



OFFSHORE PLATFORMS











AYATSIL PLATFORM

CLIENT: INDUSTRIAS DEL HIERRO

Shop engineering, supply and fabrication of super structure and miscellaneous.



TSIMIN PLATFORM

CLIENT: INDUSTRIAS DEL HIERRO

Shop engineering, supply and fabrication of structure and miscellaneous.





LANKAHUASA PLATFORM

CLIENT: INDUSTRIAS DEL HIERRO

Shop engineering, supply and fabrication of structure and miscellaneous.







MAY A PLATFORM

CLIENT: INDUSTRIAS DEL HIERRO

Supply and fabrication of metallic structure for sub levels and deck of MAY-A platform.



MAY-B PLATFORM

CLIENT: INDUSTRIAS DEL HIERRO

Supply and fabrication of metallic structure for sub levels and deck of the MAY-B platform.







ZAAP-A PLATFORM

Engineering, procurement, construction, loading, mooring and transportation of a drilling platform called ZAAP-A.





CAYO ARCAS PLATFORM

CLIENT: INDUSTRIAS DEL HIERRO

Supply, fabrication, transport to site and erection of metal structure of the decks for the CAYO ARCAS housing platform project.







PLATAFORMAYAZCHÉ-A (ATTACHED)

Shop engineering, supply, fabrication, coating application, preparation of quality dossier, transportation to site and erection of metal structure for Yazché-A marine platform.





AKAL · TI PLATFORM

CLIENT: INDUSTRIAS DEL HIERRO

Supply, outfitting, fabrication, galvanizing and erection of AKAL TI marine platforms.









AKAL · TR PLATFORM

Supply, outfitting, fabrication and erection of AKAgalvanizedL TR marine platforms.







12" AND 18" GAS PIPELINES

FOR OFFSHORE PLATFORM INTERCONNECTIONS

CLIENT: PEMEX

MANIK-A/IXTAL

• B-BATAB-A/ONEL-A

CA-KU-A1 PLATFORM

CLIENT: DRAGADOS OFFSHORE MÉXICO

Fabrication service of 3 plate beam, bottom deck and top deck, including fabrication, sand blast, priming and transportation to Domsa yard, Altamira.















"OLMECA" REFINERY

CLIENT: IDINSA-PROYECTA

Supply, manufacturing, coating application and structure assembly.

STRUCTURE: 10, 532 TON

EXECUTION PERIOD: 10 MONTHS

The impossible is the first step towards the extraordinary









We worked with **0 accidents**

INTERCONNECTION BRIDGES

"OLMECA" REFINERY

Supply, manufacturing, coating application and assembly of metal structure.

STRUCTURE: 3,598.5 TON EXECUTION PERIOD: 4 MONTHS







TECNIMONT MODULES

Supply, manufacture, transport and painting of weldable metal structure for Tecnimont's Tubular Rack.

20
MODULESSTRUCTURE:
2,112.24 TONEXECUTION
PERIOD:
6 MONTHS

UOP MODULES

CLIENTE: UOP

Suministro, fabricación, transporte y pintura de estructura metálica soldable para el proyecto de 7 módulos de UOP.











SEPARATION COILS & COMPRESSOR STATIONS





SEPARATION BATTERY

COAPECHACA I

Prefabrication in workshop of carbon steel pipe in different diameters and thicknesses for SPOOL of the gas systems, defocusing systems, air systems, service water systems, as well as the installation, installation and testing of the same.



SEPARATION BATTERY

COLD WATTER

Prefabrication in workshop of carbon steel piping in different diameters and thicknesses for SPOOL of gas systems, defocusing systems, air systems, service water systems; as well as, on-site installation, installation and testing of the same.

CHICONTEPEC I & II

CLIENT: ICA FLUOR

Prefabrication and assembly of piping in different diameters and structure, hydrostatic testing, painting, railing assembly, workshop engineering and separation batteries.

- Piping and structure fabrication and installation to crude oil storage tanks.
- Fabrication, installation, hydrostatic testing and radiographic inspections.
- Piping for gas, air and water systems.
- Piping for congenital water, fire and gas systems.
- Water, oil, dehydrated water, dehydrated water systems, vent structure.
- Fabrication, installation and hydrostatic tests.





CÁRDENAS NORTE BATTERIES

Engineering, procurement, construction and start-up of the processes of separation, stabilization, dehydration and desalting of crude oil; treatment and injection of congenital water for the Cárdenas Norte Battery.



RE-PUMPING STATION

DEGOLLADO

Construction of intermediate pumping station (Degollado) for the 16" diameter polyduct.

EL ENCINO

CLIENT: FERMACA

Mechanical work on high pressure natural gas piping.

- Welding application and installation of piping of different diameters.
- Application of paint on piping.
- Assembly of structure for the aircooler area of different diameters.
- Assembly of auxiliary equipment for TCG-160 and TCG-161 turbines.









COMPRESSION STATION

RAMONES

CLIENT: ICA

Prefabrication, anticorrosive coating, installation and testing of carbon, alloy and stainless steel piping and supports, area 110, 120, 130 and 320, Miguel Hidalgo Refinery. ASSEMBLY: Circuit I, II and III. TROCK: Pipe welding Pipe assembly Mechanical Termination









COMPRESSION STATION

NARANJOS

Prefabrication, application of coatings and pipe assembly, fabrication of supports and equipment assembly. Installation of valves and hydrostatic tests. TESTING: Hydrostatic and buried piping.

ASSEMBLY: of air cooler and painting of air

cooler on piping.

TROCKING: Of flanges and works in workshop.









What started as a small subcontracting company has become a nationally recognized construction company that serves both national and international clients, prioritizing quality, meeting deadlines and working with human sense.

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