



Company Profile

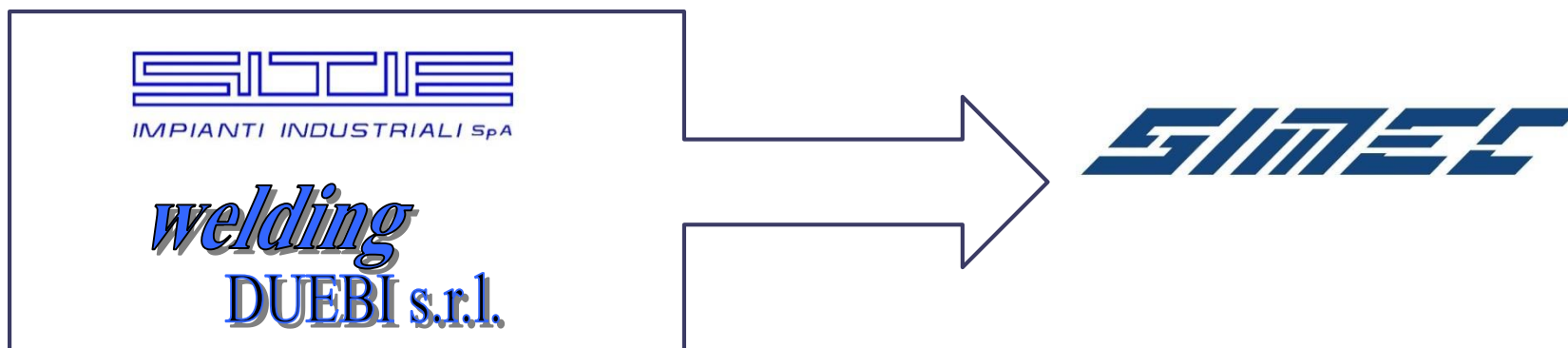
GIMEL *S.r.l.*

The idea

SIMEC project arose from the desire of two Italian Companies. They have decided to join their resources and expertise to face the mechanical installations and maintenance market in Italy and abroad.

Thanks to the sharing of managerial and technical skills, SIMEC may offer a complete and integrated service.

The strong complementarity of the two structures coupled with the dynamism of both companies were the drivers of the project and are the guarantee for a more efficient and effective service.





Who we are

Simec is a limited liability company with a share capital of € 50,000.

The company was formed in June and is shared as follows:

50% SITIE Industrial Plants S.p.A.

50% Welding Duebi srl

The Corporate Office of the company is in Ferrara, a few km from the petrochemical pole.

The partners

- **SITIE Impianti Industriali S.p.A.**

Since 1945 SITIE has worked in the field of industrial installations from the industrial design to the start up.

Over the years, the company has also worked for important international clients in the chemical, petrochemical, oil and gas and energy divisions.

Due to the experience gained in the field of installations, **SITIE** has integrated its service with other synergistic or complementary activities both for the construction and for the services (Engineering, light steel structure).

- **Welding Duebi S.r.l.**

W2B is a company born in late 2002 by the work experience of charter members about engineering plant.

W2B is already qualified with leading customers in the industry and operates permanently in maintenance activities within the petrochemical pole in Ferrara.

In recent years the company has completed several successful mechanical, petrochemical, Oil and Gas and energy projects.

The company is organized into two divisions (Workshop and Fields) that develop complementary activities aimed at the demands of the market.

Our services

Thanks to the expertise and the resources made available by the founding partners, SIMEC is able to offer the following activities:

- mechanical technical engineering development and design;
- mechanical revamping for oil, gas, petrochemical and energy;
- prefabrication and assembly of piping systems;
- prefabrication and assembly of carpentry structures;
- mechanical maintenance with hydrodynamic cleaning systems;
- design and construction of skid and packages;
- pressure equipment design and construction within the values laid down by the standards ASME and PED (tanks, columns, exchangers);
- mechanical fitting activities;
- disassembling, overhaul, re-assembly and mechanical equipment alignment (pumps, fans, blowers...)
- disassembling, overhaul, re-assembly and machines alignment (extruders, centrifuges, forming machines ...)
- mechanical precision (turning, milling, grinding...)

The organization

SIMEC is currently managed by a Board consisting of a president (SITIE) and a CEO (W2B).

In this start-up phase and in order to optimize costs and ensure a high service, SIMEC will lean to subsidiaries for the following services:

- Administration
- Procurement
- Logistics
- Design

With regard to activities in the field, SIMEC has a structure formed by a manager of the construction, a quality/safety manager and a working force of 20 specialized units. It will also benefit from a hundred direct resources made available by W2.

Certifications and Qualifications

SIMEC has its own management system for the quality with ISO 9001:2008 certification.

Furthermore SITIE is already certified at leading bodies according to the standards:

- ISO 14001
- OHSAS 1800A
- VCA/SCC *P

Other certifications can be provided upon customer request.

Equipment and Logistics

Fiesso Umbertiano productive factory - Developed on an area of 7.000 sq.m owned by W2C, it includes two covered shed covering 2,000 sq.m and 1,000 sq.m respectively, complete with services and offices area in a 400sqm surface.

The facilities are set up all the necessary equipment, with a lifting capacity given by n. ° 6 Bridge cranes with a total capacity of 36 tons; as well as welding equipment for each type of process required on the market: Continuous wire welding, semi-automatic submerged arc welding, Manual TIG Welding, Manual welding with coated electrodes, semi-automatic STT welding.

Logistics and production establishment of Ferrara- Developed on an area of 17.500 sq.m owned by SITIE, it includes four covered sheds for a total of 6.500mq, complete of services and offices in a 450 sq.m surface. The facilities are set up with all the equipment needed for handling.

Workshop equipment:

In the workshop machines for processing sheet and sections are installed such as:

- Hydraulic calendrers (Thick. 50mm),
- Mechanical shear,
- Hydraulic bending machine,
- Hydraulic curve profiles,
- Radial drills,
- Drill presses,
- Hydraulic and mechanical punches

Ferrara Working Site:

Inside the Ferrara petrochemical pole , SIMEC can count on equipment and logistics made available by SITIE and W2B.

These local units represent a company in the company, boasting an working area of over 10,000 sq.m, complete with workshop prefabrication, temporary structures for services and offices, but especially a fleet of 25 vehicles which include:

- n. ° 6 crane with capacity up to 50 tons,
- n. ° 1 Articulated of 44 Tons with
- n. ° 3 semi-trailers,
- n. ° 1 Heavy Truck 26 Tons,
- n. ° 3 Aerial platforms,
- n. ° 3 Forklifts
- different light trucks and cars necessary for the transportation of personnel.

Some projects

















MODULARIZATION OF PLANT AND SKID EXPERIENCE



Project: HYDROGEN PACKAGE UNIT FOR OIL RESIDUE CONVERSION COMPLEX

Mechanical and E&I Work for Modularization of Skids

Client: KT – Kinetics Technology S.p.A.

Final Client: Lukoil



Contract amount: € 2.000.000,00



Project: K098 - DAURA REFINERY HYDROGEN PLANT 4000 NM₃/H

Mechanical and E&I Work for Modularization of Skids

Client: KT – Kinetics Technology S.p.A.

Final Client: Daura Refinery –
Midland Refineries Company (IRAQ)



Amount: € 670.000,00



Progetto – K101 - HYDROGEN PACKAGE UNIT FOR OIL RESIDUE
CONVERSION COMPLEX - MR 0811.01 – Supply of Vessels for Perm (RUSSIA)

Client: KT – Kinetics Technology S.p.A.

Final Client: Lukoil



Contract Value: € 479.000,00

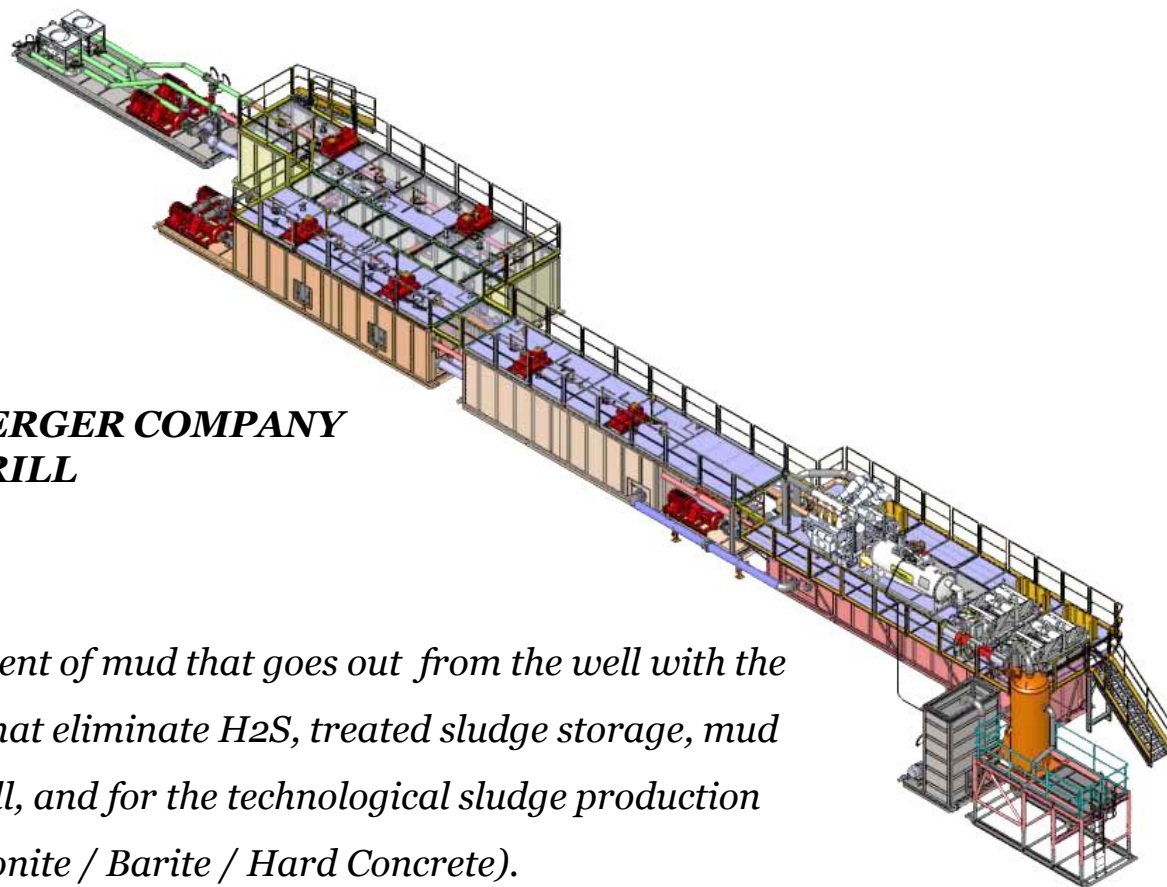
Progetto – K098 - DAURA REFINERY HYDROGEN PLANT 4000 NM₃/H –
Supply of reactors and vessels for Daura (IRAQ)

Client: KT – Kinetics Technology S.p.A.

Final Client: Daura Refinery –
Midland Refineries Company (IRAQ)



Contract Value: € 200.000,00



Client: MIS WACO, A SCHLUMBERGER COMPANY
Plant 1500 HP – MAPEK /BORDRILL

Drilling mud circuit systems.

The tanks are used both for the treatment of mud that goes out from the well with the shaker (vibrating screens), degasser that eliminate H₂S, treated sludge storage, mud suction for the re-injection into the well, and for the technological sludge production (with mixers that mix water and Bentonite / Barite / Hard Concrete).

Capacity: 1500 hp.

Plant value: 400.000 €

Direct working hours: 8.000.

Destination: Turkey



Client: MIS WACO, A SCHLUMBERGER COMPANY
PLANT 2000 HP-UKRAGAS

Drilling mud circuit systems.

The tanks are used both for the treatment of mud that goes out from the well with the shaker (vibrating screens), degasser that eliminate H₂S, treated sludge storage, mud suction for the re-injection into the well, and for the technological sludge production (with mixers that mix water and Bentonite / Barite / Hard Concrete).

Capacity: 2000 hp.

Plant value: 720.000 €

Direct working hours: 14.400.

Destination. Ukraine





***Client: MIS WACO, A SCHLUMBERGER COMPANY
PLANT 3000 HP-ACTIVE***

Drilling mud circuit systems.

The tanks are used both for the treatment of mud that goes out from the well with the shaker (vibrating screens), degasser that eliminate H₂S, treated sludge storage, mud suction for the re-injection into the well, and for the technological sludge production (with mixers that mix water and Bentonite / Barite / Hard Concrete).

Capacity: 3000 hp.

Plant Value: 600.000 €

Direct working hours: 12.000.

Destination: Kazakhstan





PANORAMIC VIEW OF THE PLANT 3000 HP-ACTIVE

***Client: MIS WACO, A SCHLUMBERGER COMPANY
BP-01 MUD PLANT PER CD-600***

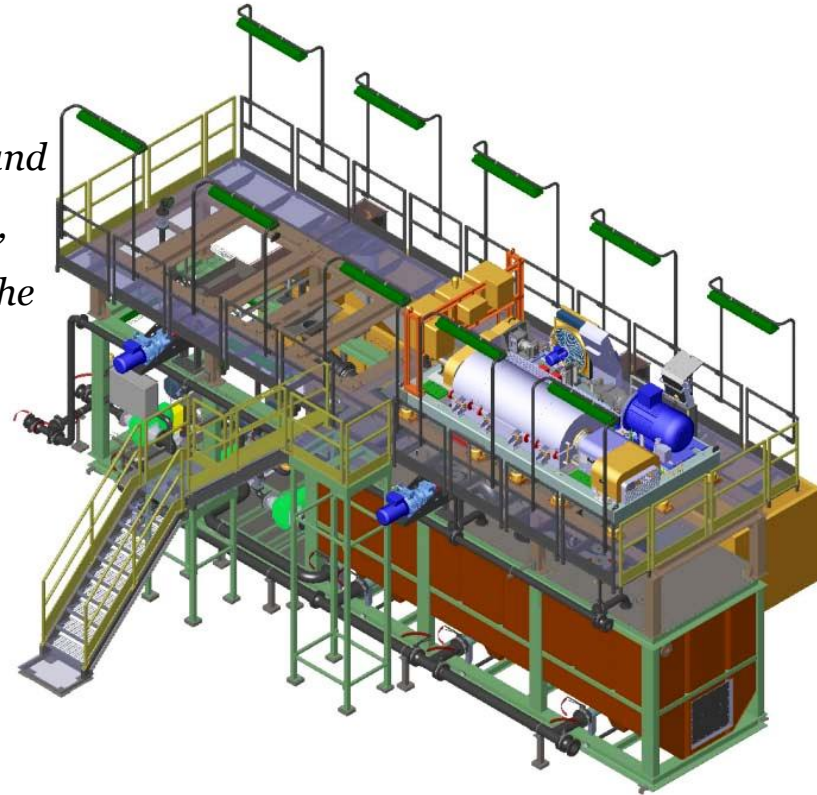
*Automatic plant of treatment and preparation of drilling mud,
consisting of three storage tanks, 2 centrifuges Mi-Swaco
CD600 FH and 3 transfer volumetric pumps.*

*The system has different modes of operation in both serial and
parallel configuration that performs all common processes,
from the rapid preparation of new mud, to the cleaning of the
used mud, to the recovery of Barite.*

Plant value: 150.000 €

Working direct hours: 3.000.

Destination: Scotland





***Client: MIS WACO, A SCHLUMBERGER COMPANY
CUTTING RE-INJECTION PLANT CRI-004/005***

Drilling Cutting recovery plant.

It uses the slurrification process to recover the cuttings and create an amalgam that can be re-injected.

The coarse part is collected, refined and mixed with water to form a viscous compound to be then injected into the fractures of the soil.

Plant value: 430.000 €

Working direct hours: 8.600

Destination: Siberia



Client: BELLELLI ENG. S.p.A.
PACKAGE SKID FOR FUEL GAS
PRODUCTION SYSTEM

Plant for Oil & Gas Treatment.

Plant Value: 500.000 €

Working direct hours: 10.000.





Client: BELLELLI ENG. S.p.A.
GAS AND CRUDE OIL HEATERS

Plant for Oil & Gas Treatment.

Plant value: 470.000 €
Working direct hours: 9.400.





Client: BELLELLI ENG. S.p.A.
GAS AND CRUDE OIL HEATERS

Plant Value : 830.000 €
Working direct hours : 16.600.





Client: BELLELLI ENG. S.p.A.

***PACKAGE SKID FOR GAS PRESSURE REDUCING
AND METERING STATION***

Plant for Oil & Gas Treatment

Plant value: 300.000 €

Working direct hours: 6.000.





FURNACE EXPERIENCES

Project: **Furnace Revamping Reforming Item B-201**

Mechanical overhaul of n. 672 burners; replacement of n. 120 catalytic tubes with relative "Hair-pin" and "pig-tails"; Re-tubing of convective bench in P22 steel

Client: KIRCHNER ITALIA S.p.A

Final Client: YARA Italia S.p.A. – Ferrara Site

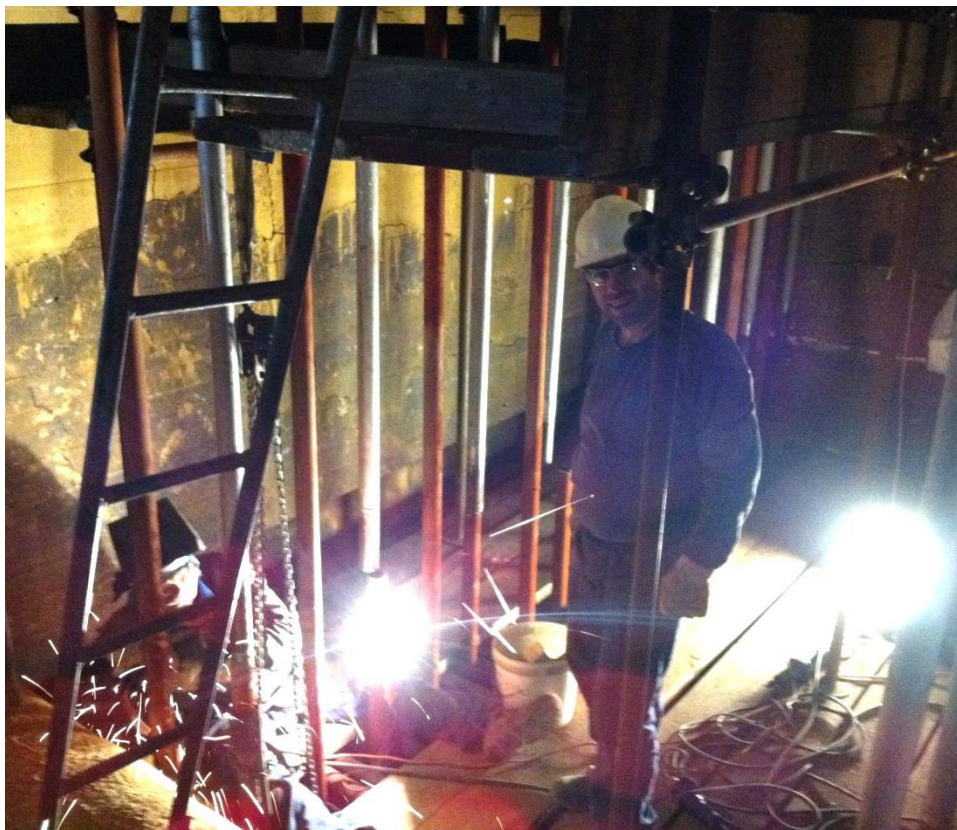
Year: 2011

Total Hours: 15.000

Contract Value: € 750.000,00



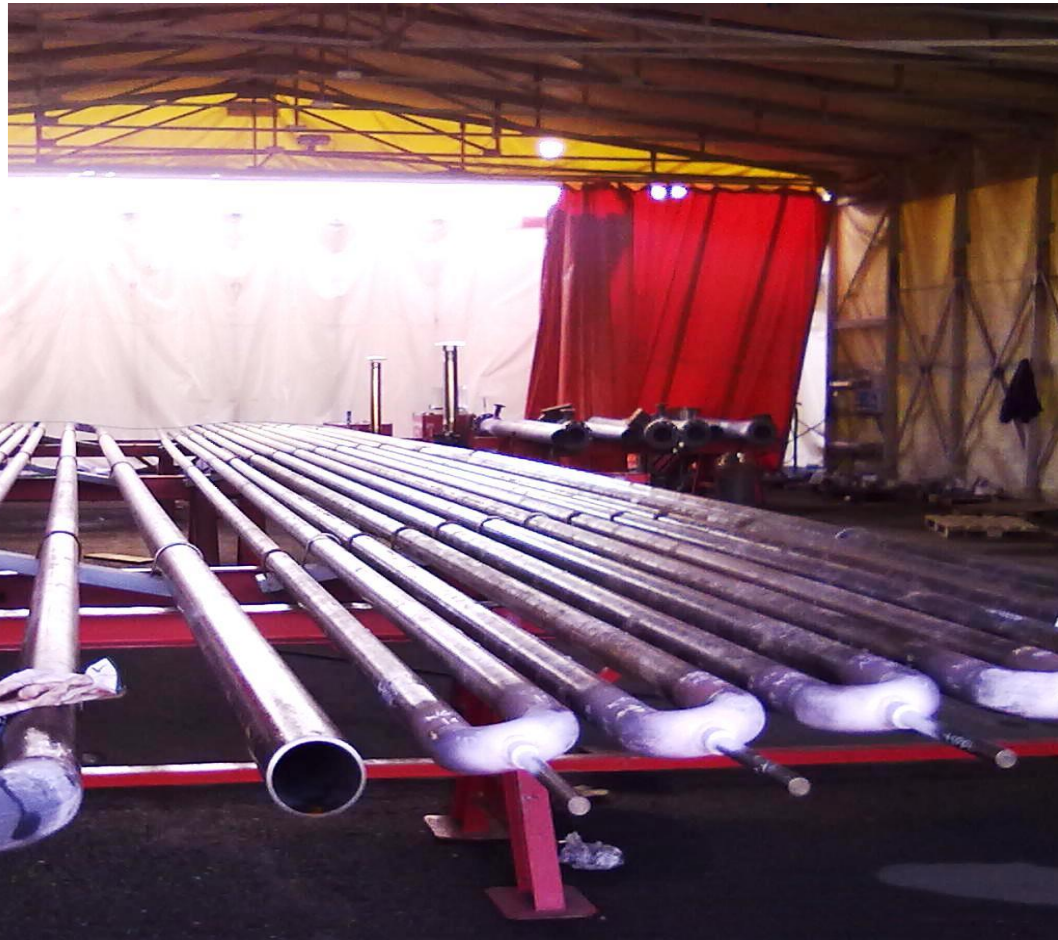
Project: Revamping Furnace of Reforming Item B-201



Project:	Revamping Economizer Furnace Item H-2351- Platforming Plant Unit 123 <i>Prefabrication new convective bench; prefabrication New Radiant bench; bench demolition of existing convective bench, installing new tube plates and re-tubing of the new bench; opening superior radiant, replacing old with new prefabricated hair-pins.</i>
Client:	KIRCHNER ITALIA S.p.A
Final Client:	Total S.p.A. – Roma Refinery
Year:	2012
Total Hours:	9.500
Contract Value:	€ 580.000,00



Project: Revamping Economizer Furnace Item H-2351 - Platforming Plant Unit 123



Project: **Revamping Furnace Item B-2201- Plant ST20**

Prefabrication new outlet manifold in A347H Steel;

Collector demolition and installation new collector; welding of n. 64 catalytic tubes to the new weld outlets; welding of the new collector to Transfer Line; mechanical revision of bottom burners.

Client: *KIRCHNER ITALIA S.p.A*

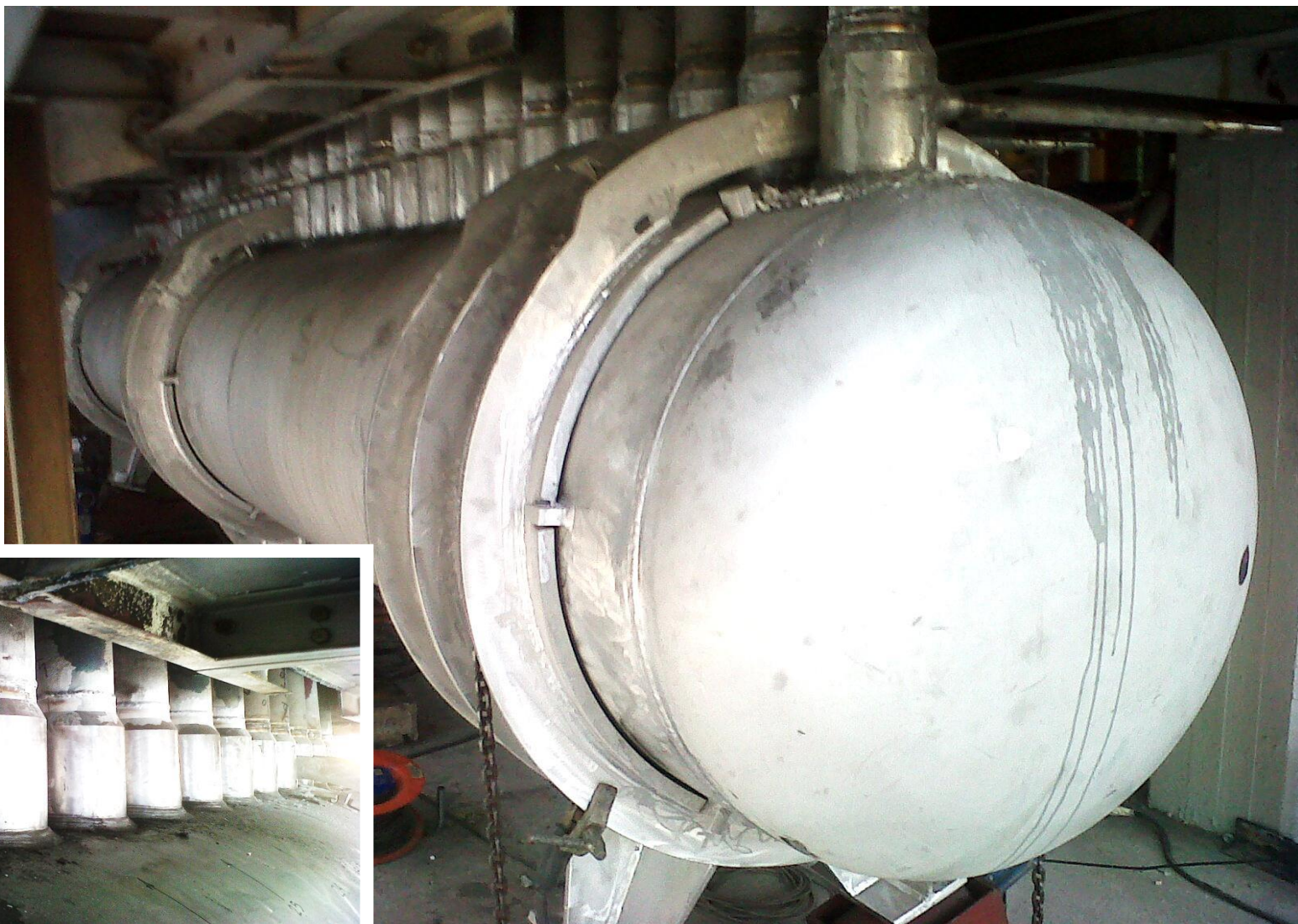
Client: Eni S.p.A – Mantua Site

Year: 2010

Total Hours: 4.200

Contract Value: € 230.000,00

Project: Revamping Furnace Item B-2201- Plant ST20



Project: **Fabrication Radiants and Convective for Furnace Item F1 e F101**
Supply and prefabrication circular radiant; prefabrication of convective modules; prefabrication radiant coil; prefabrication coil convection; modularization of radiant; modularization vonvection; hydraulic testing.

Client: *ITT S.p.A.*

Final Client: Agip S.p.A. – Livorno Refinery

Year: 2008

Total Hours: 18.000

Contract Value: € 1.090.000,00

Project: Fabrication Radiant and Convective Furnace Item F1 e F101

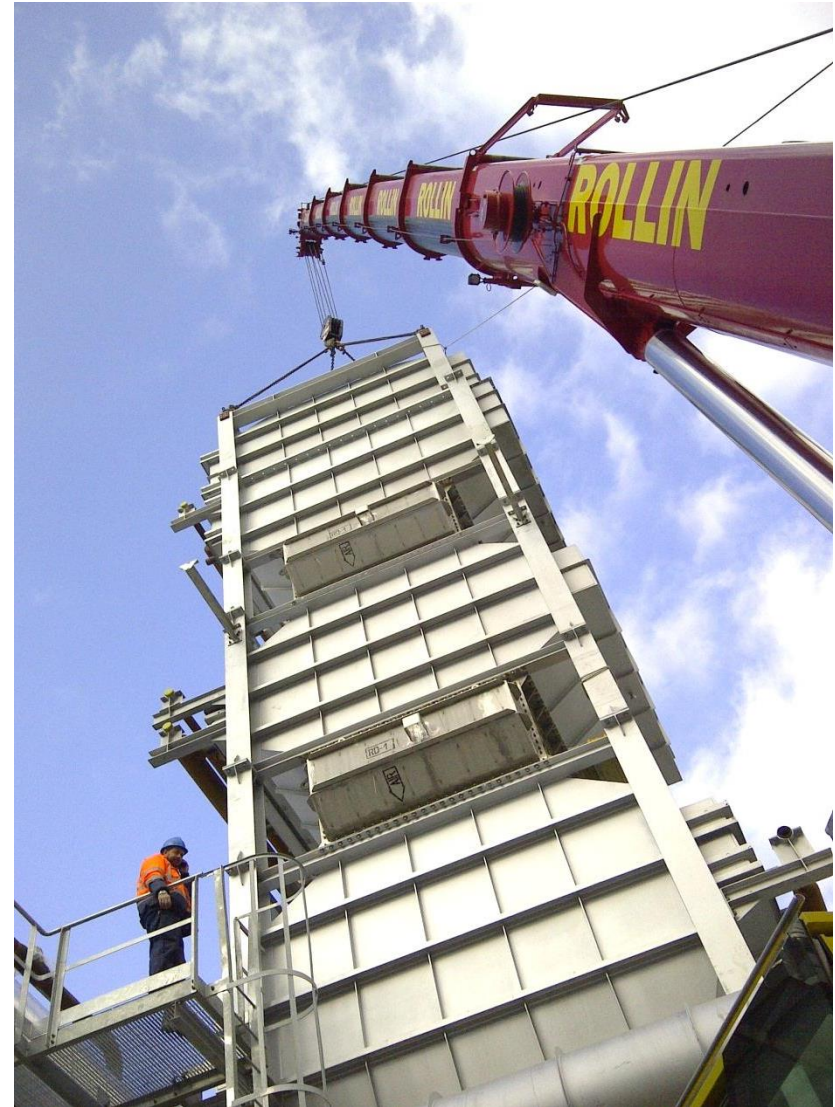


Project: Fabrication Radiants and Convective Furnace Item F1 e F101



Project: PK601	Fabrication and Erection Combustion Boiler Package Item <i>Prefabrication Coil Convective; prefabrication combustor; prefabrication of piping (piping Burner, Crossover, ...); prefabrication of chimney and ducts; Convective modularization; shipping of all the prefabricated material at site; assembly on site of the entire system including mechanical activities , instrumental connections, insulation and testing.</i>
Client:	ITT S.p.A.
Client:	Europlasma CHOPOWER – Morcenx Site – France
Year:	2011 to 2012
Total Hours:	25.000
Contract Value:	€ 2.000.000,00

Project: Fabrication and Erection Combustion Boiler Package Item PK601



Project: Fabrication and Erection Combustion Boiler Package Item PK601



Project: Supervision for erection of Steam Reformer
Technical supervision to the assembly and in particular coordination of the activities of assembly and welding of pressurized equipment

Client: *ITT S.p.A.*

Client: Alberto Pasqualini Refap SA PETROBRAS – Canoas Site - BRASIL

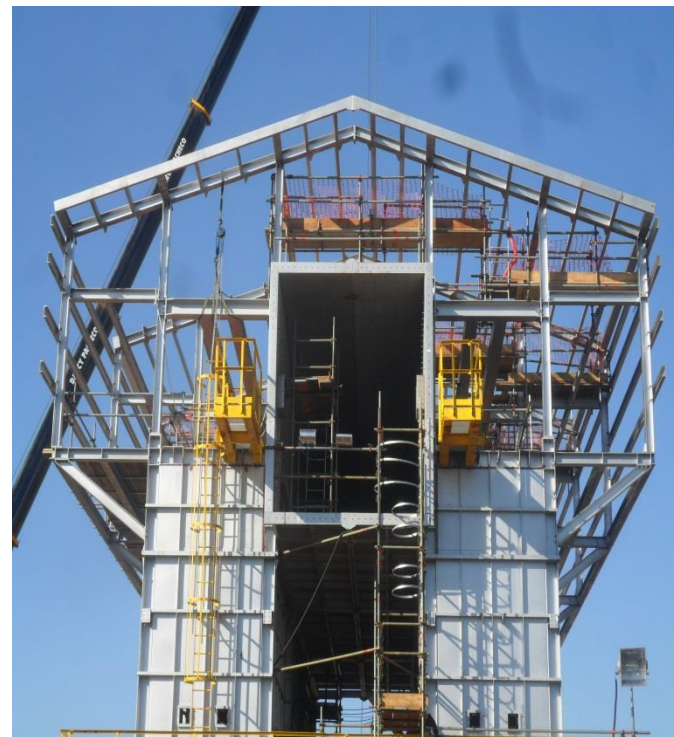
Year: 2012

Total Hours: 2.800

Contract Value: € 216.000,00



Project: Supervision for erection of Steam Reformer



Project: Supervision for erection of Steam Reformer



Project: Supervision for erection of Steam Reformer





General Information

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