



CONSTRUCTION SERVICE

The Construction Department designs industrial plants according to technical specifications defined by the client and developed by the engineering department.

We draft and integrate quality documentation for inspection bodies

We offer support during all construction stages, using a managerial and operational approach

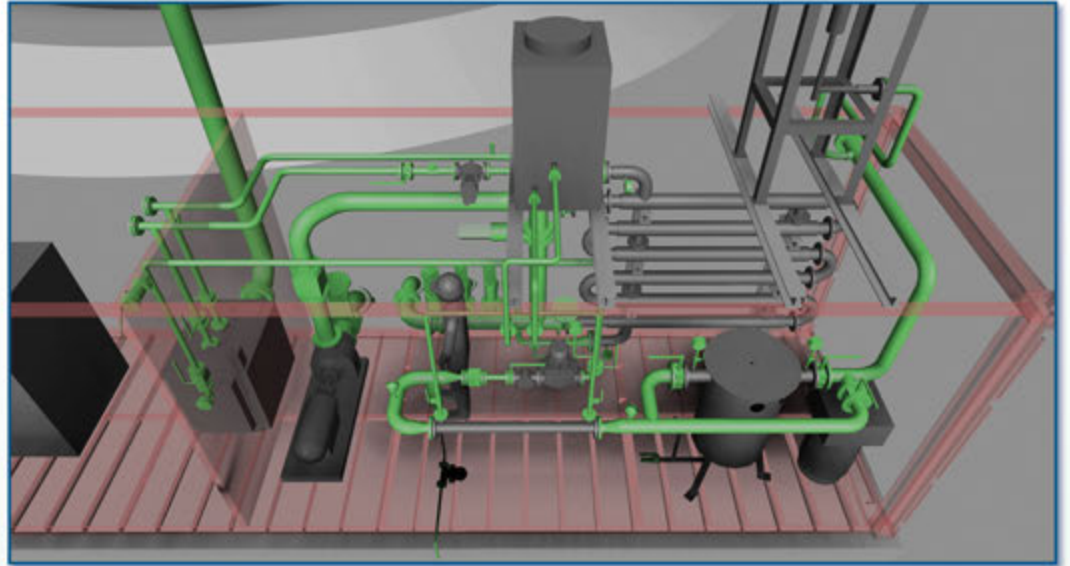
The construction quality standards required by our clients underpin our continued growth

We can interact with the quality platforms and systems of the most demanding customers

- **Skid & package:**
production of skid & package plants for different industrial sectors.
- **Pre-fabricated material:**
pre-fabrication of secondary structures, pipe racks and supports, and supply of loose or assembled piping.
- **Container system:**
complete assembly in the workshop.

All our supplies are crafted by skilled professionals, in keeping with regulations currently in force.

❖ CONTAINER SYSTEMS ❖



- **T&S COMPANY:** Well water R.O. system mobile unit complete with disinfection system and relevant temporary storage tanks. 300 mc/d
- **UNIVERSAL IMPORTEX:** R.O. plant for brackish water. 500 mc/d | Grecia
- **OILINVEST:** Nr. 15 brackish water desalination plants for service station, each one. 1.000 mc/d | Egitto
- **ANSALDO:** Seawater desalination plant. 2.500 mc/d | Egitto
- **OILINVEST (TAMOIL):** Water treatment for purifying well water of petrol stations. 500 mc/d | Spagna
- **PETROBEL (AGIP):** Nile water treatment and purification plant. 1.000 mc/d | Egitto

SKILL AND FLEXIBILITY AT THE DISPOSAL OF OUR CLIENTS

The **ABEL GROUP** offers services and plants in the fields of industrial engineering, process and waste water treatment, and renewable energy. Our expert technical and engineering team tackles complex problems and offers innovative technological solutions that ensure excellent performance and cost control.

❖ PREFABRICATION AND ASSEMBLY ❖



PIPING

Prefabrication and assembly of oil, water and air pipes on the machine.

Client: **Pietro Carnaghi** | Year: **2019**



TURBINE COOLING PIPES

Engineering, material procurement and construction of turbine on-board piping.

Client: **Bruno Prezezi** | Year: **2017**



PIPING

Prefabrication and assembly of steel and PVC-U piping.

Client: **Silcompa**

Year: **2019**

❖ SKID & PACKAGE ❖



COOLING WATER SKID

Engineering,
material procurement
and construction
of n°3 complete SKIDS.
Delivery EXW.

Client: **Macchi** | Year: **2017**



BFW/FUEL GAS SKID

Engineering, material procurement and construction of n°10 complete SKIDS.

Client: **Macchi** | Year: **2017**



CONDENSATE POLISHING SKID

Engineering,
material procurement
and construction
of n°7 complete SKIDS.

Client: **SWS** | Year: **2016/2017**



27 SKIDS

Construction of n° 27 skids for water, air, oxygen, nitrogen and argon circuits, developing the following activities:

- Procurement of materials for frames and piping;
- Construction of frames and piping on board the skid;
- Handling of all items supplied by Danieli on subcontracting basis;
- Full painting of the skids;
- Covering and wiring of electrical instruments;
- Final packaging;
- Management of material certification interfacing with Danieli management software.

SERVICE



Engineering

The engineering department chiefly focuses on developing each phase involved in industrial plants, such as piping, structural steelwork, electro-structural parts and mechanical engineering.



Construction

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O&M

ABEL avails of a management and control department that oversees the quality of the projects and their maintenance. Its aim is to ensure optimal efficiency of the plants it designs and installs.

PLANTS



Water treatment

Water used for technological and/or industrial purposes must undergo special treatments to achieve the necessary results. Modern industrial production lines require process water with precise characteristics that remain constant through time, in the same way that water used in food production needs to respect strict health and hygiene regulations.



Renewable energy

ABEL develops renewable energy solutions, particularly designing and building plants to produce biogas from agricultural biomass and waste-to-energy optimization plants.



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