

Field of activity Steel & metallurgical sector

Project **Ladle Bay movement to the LD-G Steel Plant, Gijón (SPAIN)**

Year 2011

Location Gijón (SPAIN)

Client **ARCELORMITTAL**

Facility features

Movement of all necessary machines and tools for the ladles reparation in the steel plant:

- Working Platform for mechanical repairs
- Gyrotory tool for ladles inspection
- Two ladle heaters (two new gas-burners have been installed)

Those spoilt elements or impossible to move, have been made new:

- Working Platform for refractory repairs
- Pits for cooling
- Debris zone

It has also been made a complete fluids network (for industrial water, compressed air, oxygen, propane gas, cok gas and nitrogen) to allow the use in every machine and work place.



Scope/description:

**Engineering:**

- Lay out of the industrial building
- Basic engineering for civil works
- Basic and detailed engineering for the elements to move and make
- Basic and detailed electrical engineering

**Supply (mechanical and electrical) equipment:**

- Manufacture and assembly of all the equipments not reusable
- Supply and assembly of two new gas-burners
- Manufacture of a complete network of fluids throughout the industrial building, starting from connection points on existing networks to ensure operation of machinery at all work locations

**Moving equipment:**

- Moving equipment and supplies of the original industrial building able to be used. Unused material will be scrapped
- Mechanical and electrical assembly

**Commissioning**



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