

**Project**

**Wagon unloading system RENFE VI and conveying material system Gijón (SPAIN)**

Year 2013

Location Gijón (Spain)

**Client** ARCELORMITTAL

**Facility Features:**

Main points of wagon unloading system Renfe I:

Main raw materials received are:

- fine limestone, from the quarry located at Naranco.
- metallurgical cok (30-70mm) from Aviles cok ovens.

To avoid this saturation will be built a new unloading system, called RENFE-VI.

The aim is to concentrate the current traffic of cok at the unloading group Renfe I and allocate the unloading of limestone at the new unloading group Renfe VI.

**Scope/description**

Project for engineering, manufacturing, supply, erection, supervision, automation and commissioning of a new installation of Wagon unloading system RENFE VI and product conveying system.

The installation includes:

- Unloading Station, designed to be used by trains and trucks. It shall consist of: receiving hoppers, dumpers and a building cover.
- De-dust control system of unloading system with a flow of 75.0000m<sup>3</sup> / h. De-dust system equipment are: bag filters, fan, suction control valves, dust removal system, capture and chimney pipes.
- Shunting system will handle the wagon composition during the unloading process
- Conveying material system, comprising six conveyor feeders and two belt conveyors
- Transfer towers, at the deliveries of material from a conveyor to the next one
- Compressed air network, to provide air service to different points of the system
- Auxiliary facilities of drinking water and industrial water conveyor feeders and two belt conveyors
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- Compressed air network, to provide air service to different points of the system
- Auxiliary facilities of drinking water and industrial water



Field of activity Mining and bulk materials handling

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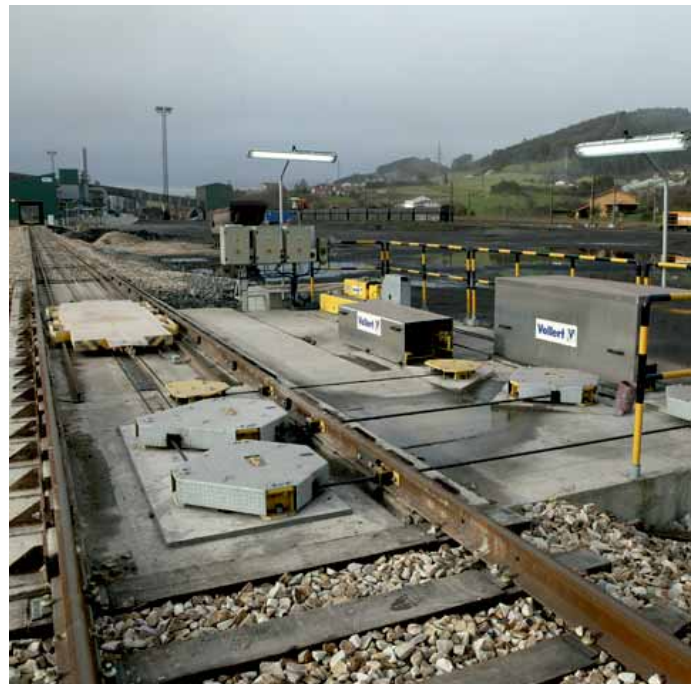
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