

Field of activity Steel & metallurgical sector

Project

Head hardened rail process test machine Research and Development Center, Avilés (SPAIN)

Year 2012

Location Research and Development Center, Avilés (SPAIN)

Client **ARCELORMITTAL**

Facility features

- Real size rail test samples
- Multiple flow regulated water circuits
- Configurable spray nozzles position
- Selection of nozzle type per position
- One isolating electrical valve for each nozzle
- Configurable test speed
- Configurable test duration
- Recycling test water system

Scope/description:

Basic and detail mechanical engineering of a test machine for testing different cooling configurations of the head hardened rail machines located in Asturias and Steelton ArcelorMittal factories.

Supplies, manufacturing, transport, assembly on worksite and commissioning of mechanical equipments.

