



Wide Cold Rolling Mill (WCRM)

Aleris Aluminium Duffel BVBA, Belgium,
12/2010 - 11/2012

PREDICT

PRIMARY



Principal project data

Full EPCM for a Wide Cold Rolling Mill

Scope IPS

Strategic Consultancy

- Project Risk Analysis
- Investment Proposal
- Plant Master Plan

Project Feasibility

- Process Description
- Plant Logistics + Layout
- Project Definition File & budget
- Overall Time Schedule

Project Preparation

- Permitting & Procurement
- Extended Basic Design
- Detailed Time Schedule
- Engineering Foundations

Project Management & Realization

- Construction Management
- Cost Control
- HAZOP & ATEX Studies and CE

Aleris is a global leader in aluminum rolled and extruded products, recycling and specification alloys. With a global headquarter in Cleveland (Ohio), Aleris has more than 40 production facilities throughout Europe, America and Asia.

The facility in Duffel was founded in 1946 with major equipment as a CALP (Continuous Annealing Line with Pretreatment) and a 148 inch hot rolling mill. Key products produced in Duffel are sheets and coils, plates incl. hard alloys and customized specialities.

Due to the increasing market demand for automotive and aircraft applications, Aleris set up a new Wide Cold Rolling Mill (WCRM) including auxiliaries complex on their site in Duffel, which will process large aluminum coils.

The WCRM project consists of a Wide Cold Rolling Mill where coils will be passed a few times depending on the needed thickness of aluminum coils. Additionally the projects contains 2 new batch furnaces, an air washer system and an automatic high bay storage.

- Certification

IPS operational unit(s)

- IPS Belgium sa
- IPS Bulgaria Ltd.
- IPS Germany GmbH
- IPS Spain sa

