

## **AIC revamps two CCM for Alfa Acciai Group**

AIC has received **two new orders from Alfa Acciai group** for the CCM upgrade of both Alfa Acciai plant in Brescia and Acciaierie di Sicilia in Catania.

The first project is related to the **upgrade of CCM in Brescia** and foresees the electrical and automation equipment for the control of **new Oscillators**.

The scope of supply includes:

- N°2 Power center for low voltage supply of new equipment
- N°1 MCC cabinet for control of hydraulic and common auxiliary units
- New hardware GE **PLC for the logic control and management of new Oscillators and Stirrers**
- N°1 Local control desk suited as test station
- Upgrade of local casting command stations
- PLC software development for the control of sine curve of Oscillators, Stirrers & media units
- Upgrade of HMI system through new SCADA screens and OP screens
- Interface with Vesuvius system and integration of SCADA screens
- Engineering and technical documentation
- Equipment tests, commissioning and production assistance

The job, started between April and May, will be commissioned in August and will allow the customer to produce higher quality steel products in a short time.

The second project is focused on the implementation of a step 2 of **Safety PLC system for Acciaierie di Sicilia** – Catania area (Italy) – already supplied by AIC. This new phase will allow to upgrade the existing safety equipment through PLC and field safety devices for Casting lines, Ladle and Tundish area and auxiliary units.

The safety control system will be based on released safety keys allowing safety access logics, supervised and managed by safety software PLC, developed on Siemens platform.

The scope of supply will also include the hardware modification of existing equipment, upgrade of remote controllers for maintenance tasks and local control stations for media units

The commissioning activities are planned for the summer shut-down in August; AIC will take care of each phase, starting from supervision to erection up to cold and hot commissioning and production assistance.

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AIC is a global system integrator providing advanced and tailored automation solutions for the steel industry, with the aim to continuously improve both efficiency, competitiveness and safety of the production processes. With more than 800 applications worldwide and over 40 years of history, AIC can boost an unique experience in both greenfield and revamping projects in long products rolling mills and continuous casting machines.

*Alfa Acciai group is a leading manufacturer of steel for reinforced concrete, with a production capacity of around 3 million tonnes a year and a 1200-strong workforce. [www.alfaacciai.it/en](http://www.alfaacciai.it/en)*

This press release is available at

- <http://www.aicnet.it/rassegna-stampa/>

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