

AIC has successfully accomplished the revamping of EAF2 automation at Alfa Acciai in Brescia (BS), Italy.

During the last summer shutdown, AIC has commissioned the complete revamping of EAF2 automation at Alfa Acciai (Brescia, Italy) with the main target to replace the obsolete PLC GE 90-70 and related remote I/Os with Rockwell ControlLogix & GuardLogix Safety PLC.

Starting from the engineering phase in March, the project has been successfully accomplished according to the time schedule thanks to the active and efficient collaboration between the customer and the AIC's staff, both during the erection phase and software tests.

The scope of supply included:

- New PLC and safety master PLC for automation of auxiliary items equipped with CPU 1756-L83ES;
- Set of new RIO cabinets equipped with Rockwell Point I/O for an easier data collection and maintenance;
- New Remote I/Os Rockwell Point I/O installed into the existing cabinets, desk and local stations related to EAF2;
- Electrical drawings of new equipment and upgrade of all electrical drawings of existing equipment;
- Electrical installation of new cabinets and replacement/cablings of the Remotes I/O;
- Software PLC development based on ControlLogix platform;
- Upgrade of HMI supervision system;
- Turn-key Commissioning of the whole supply and assistance to the Start-up.

Currently, the new automation system provides an easier and safer management of all auxiliary machines of EAF2 and this allowed an effective start-up of the Meltshop without any stops for E&A reasons; the plant completed n°28 castings during the first day of production with a complete satisfaction of both Alfa Acciai and AIC.



The technicians of both AIC and Alfa Acciai on the main desk of EAF2

AIC Automazioni Industriali Capitano sites:

- Italy (Headquarters, Engineering & Workshops)
- United States of America (Sales & Service)
- India (Sales, Engineering & Service)
- Brazil (Sales, Engineering & Service)

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 1000 applications worldwide and more than 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.

This press release is available at

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

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