

AIC upgraded the Siderurgica Sevillana plant in Spain.

AIC completed the commissioning and the digitization of stand converters in the Siderurgica Sevillana rolling mill 2 in Sevilla, Spain.

The scope of the project includes the replacement of the converters with more reliable ones. As it was already done at the Rolling Mill 1, the installment of the new armature converter basket and the exciter was performed. ABB DCS 800 has been chosen as a replacement of the armature converters for the current digital control units. Moreover, the PT800 has been installed for each Thyristor in the drives and relative 4-20mA converter.

As a result, the efficiency of the rolling mill was improved. The current system is less affected by power surges, which decreases the plant downtime. The centralized diagnostics of the rolling mill stands motor converters has become possible. Also, the SCR convertor operating temperature can be monitored.

The commissioning and the replacement of the six converters were performed in record time (2-7 January 2020) during the winter holiday shutdown.



AIC is a global system integrator providing advanced and tailored automation and robotic 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 a unique experience in both greenfield and revamping projects in meltshops and long products rolling mills.

Siderurgica Sevillana S.A. is a company based in Alcalá de Guadaíra (Seville), part of the non-integral steel sector, which uses ferrous scrap and converts it into usable products in other basic sectors of the country's economic activity. Its activity is centered on casting and hot-rolling steel, which it has been doing since the mid-60s. It is an integral part of the RIVA Group, a multinational leader in the steel sector, with a presence in Europe and Canada.

This press release is available at

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

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