

Factory-acceptance tests (FAT) ended for Gerdau Cosigua steel plant in Brazil

In the ending part of 2021, AIC, ABB Group and Gerdau celebrated the accomplishment of the Factory Acceptance Tests (FAT) attended at the AIC SA site, in São Paulo (Brazil).

Tests were executed both with multidrives ABB ACS880 (end of November) and then with renewed AC motors (mid-December), counted for the upcoming modernization of the finishing block technology on the Rod Mill #2 – Two Strands at Gerdau Cosigua steel plant operating in Rio de Janeiro (Brazil). The goal of the entire project is focused on replacing out-of-date equipment, upgrading drives and motors thanks to the AIC team's proven revamping expertise. Greater flexibility, power control and synchronized drive-to-drive communication will be some of the benefits guaranteed by the new configuration.

All the necessary tests were run with an approved procedure and monitored by our client's team ensuring the most transparent process. All equipment and accessories involved for FAT were certified and registered, in accordance with the procedure.

The technicians on both sides supported themselves throughout the field execution process, enhancing their ability to work as a team and obtaining a more efficient completion of required tasks that went as planned and swiftly.

As proof of this, Jose Puga, our General Director for South America, remarked that tasks were successfully completed one day ahead of the planned timeframe and the customer remained very satisfied with the results obtained.

In a few weeks, the equipment commissioning will be carried out. Further insight into the delivery and installation will be provided.



Figure 1, 2, 3 & 4 – AIC, Gerdau and ABB performed and celebrated the FAT on drives and motors.

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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 1500 applications worldwide and more than 45 years of history, AIC can boost a unique experience in both greenfield and revamping projects in meltshops and long products rolling mills.

Gerdau is Brazil's largest steel producer, one of the leading producers of long steel in the Americas and of special steel in the world. In Brazil, it also produces flat steel and iron ore for its own consumption. In January last year, it completes 120 years of a history marked by strength, contribution to development and legacy for a society in constant evolution. Guided by its proposition to empower people who build the future, the company is present in 10 countries and has over 30,000 direct and indirect employees in its operations. Gerdau is the largest recycling company in Latin America and uses scrap as an important input: 73% of the steel it produces comes from scrap. Brazil headquarters is a wholly-owned subsidiary of Gerdau S.A.

For more information:



Mattia Campanini
Email: mattia.campanini@aicnet.it
Tel: +39 0365 826333

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