

## **AIC gets Gerdau Cambridge Reheating Furnace Final Acceptance Certificate.**

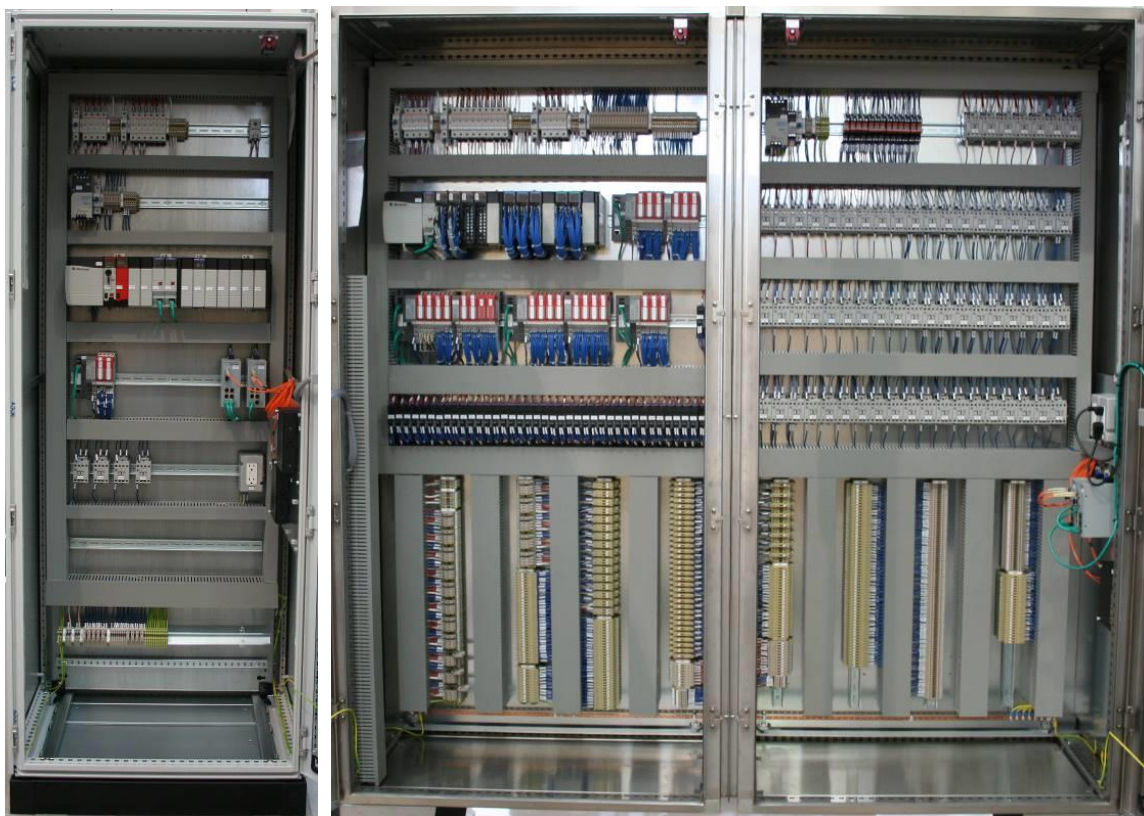
AIC receives Gerdau Cambridge (ON, Canada) Reheating Furnace Combustion Project Final Acceptance Certificate.

The project was the first for AIC in Cambridge (ON, Canada) and came after good performances obtained by AIC at Gerdau Whitby plant. It consists of replacing the old combustion system platform based on opto22 system keeping handling automation as existing based on PLC ABB AC800.

Scope of supply:

- Design, manufacture and test of all PLC architecture to regulate RHF combustion, including several remote I/O's
- Safety architecture to manage all remote controlled burners and ignition systems
- Integration of the new equipment with existing IBA platform
- New SCADA stations with Wonderware Intouch
- PLC and HMI software development
- Level 2 software development to better regulate combustion at the furnace with material tracking and curves setup with reheating strategies
- Interface with the plant's existing QMOS system
- Engineering, technical documentation and on-site tests to get approval from TSSA to operate the reheating furnace
- Equipment tests, supervision to erection, commissioning, training and production assistance

Commissioning was performed during the plant's Thanksgiving shutdown and reheating furnace was ready to operate ahead of time. With this upgrade Gerdau dismantled the old opto22 discontinued system and mounted a new Allen Bradley ControlLogix platform for automation and safety management integrated.



*Particular of PLC cabinets supplied by AIC to Gerdau Cambridge plant.*

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- Italy (Headquarters & Workshop)
- United States of America (Sales & Service)
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- Brazil (Sales & Service)

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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.

Gerdau is the leading producer of long steel in the Americas and one of the largest suppliers of special long steel in the world. As one of the world's largest recyclers, Gerdau transforms millions of metric tons of scrap into steel every year. Its North American vertically integrated network consists of steel mills, recycling operations, and downstream facilities. Gerdau steel products used in construction, automotive, agricultural and energy markets. 11,000 people are employed by Gerdau across 120 communities in the U.S. and Canada. Gerdau is listed on the stock exchanges of São Paulo, New York, and Madrid and has approximately 140,000 shareholders.

This press release is available at

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

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