

Successful commissioning of the DC Bus drives supply panel at CHS Chicago Heights Steel in Chicago (IL), USA.

Automazioni Industriali Capitanio completed the commissioning of the first phase of the DC Bus drives supply panels at CHS Chicago Heights Steel in Chicago (IL), USA.

Thanks to the coordinated work of AIC and Chicago Heights Steel teams, the commissioning of the DC Bus was completed successfully. As the main benefit, the obsolete equipment previously installed at site that lately created a lot of problems was replaced. The new equipment was integrated in the existing AC450 PLC Logic and interfaced with the existing automation.

The installation started on January 2 and the production was back to full operations on January 6. The customer has mentioned that: "We are very happy with the service provided so far by AIC and look forward to completing the next phase of the project" and "We are very happy so far and are confident that the next phase will go just as smooth".

The full scope of supply includes new drives, automation & HMI control system for the rolling mill, starting rougher group and going through the bars takeout on the cooling beds. As the result, the upgrade allows the plant to improve the diagnostics and the flexibility of the automation system, to reduce the amount of time to identify problems and their solutions, to decrease unscheduled downtime and the maintenance cost.

The next phase of the upgrade will be starting this summer. The complete mill drives and control will be upgraded.



AIC Automazioni Industriali Capitanio 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 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 boast a unique experience in both greenfield and revamping projects in meltshops and long products rolling mills.

Chicago Heights Steel has a long history of producing quality products for a broad range of industries. It holds the distinction of the largest special-market mill in the United States that rolls billet and rail steel goes back more than 100 years. In 1969, Inland Steel Company sold the Chicago Heights facility to Chicago Heights Steel, which has maintained the same level of quality and experience customers expect. Since then, Chicago Heights Steel has upgraded the facility and brought together a team of highly skilled employees who smoothly and efficiently produce a diverse line of products that offer outstanding strength, ease of use and durability for years to come.

This press release is available at

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

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