

Successful commissioning at CMC Steel California, USA.

Automazioni Industriali Capitanio completed the commissioning in the rolling mill at CMC Steel California in Rancho Cucamonga (CA), USA.

The scope of supply included the replacement of the drives for Shear 1 and Stand 5-6 using ABB DCS800. Also, the upgrade of the existing automation & control system was performed in order to properly include the interfaces with the new ABB DC Drives. The panel is listed according to UL Electrical Code. In particular, the upgrade of existing PLC & HMI control system included such activities as:

- Modification of the existing communication interface into the PLC to the new conditions.
- Adaptation of HMI functions to the new Drives.
- Retuning of Impact Compensation.
- Retuning of Tension Control.

Since 2013, the Rancho Cucamonga plant has been collaborating with AIC on various projects. This commissioning once again confirms the perfect harmony of working together. As a result, all obsolete systems included in the scope of supply and present at site were replaced. The upgrade allows to reduce Opex.

Moreover, Raymond Terry - Improvement Facilitator of the Rolling Mill - mentioned that:

“I have been very impressed with the drive panels engineered and built by AIC for the Rolling Mill. The panels are very clean and well organized. I cannot complain about anything. They perform very well and have not caused any delays.

The commissionings have also gone very smoothly, every single one. Everyone who I have worked with is very professional and friendly. We had two separate instances where we needed to get guys here right away to do an emergency commissioning, due to failure on our older drives. They [AIC] were not here to work on Shear 2, and actually did not even need to be on site during our pre-testing, the drives they were working on were already tested and working. But they wanted to stay and also make sure everything was good to go. I have not seen this level of support from anyone else before. It is a real pleasure to work with the team from AIC.”

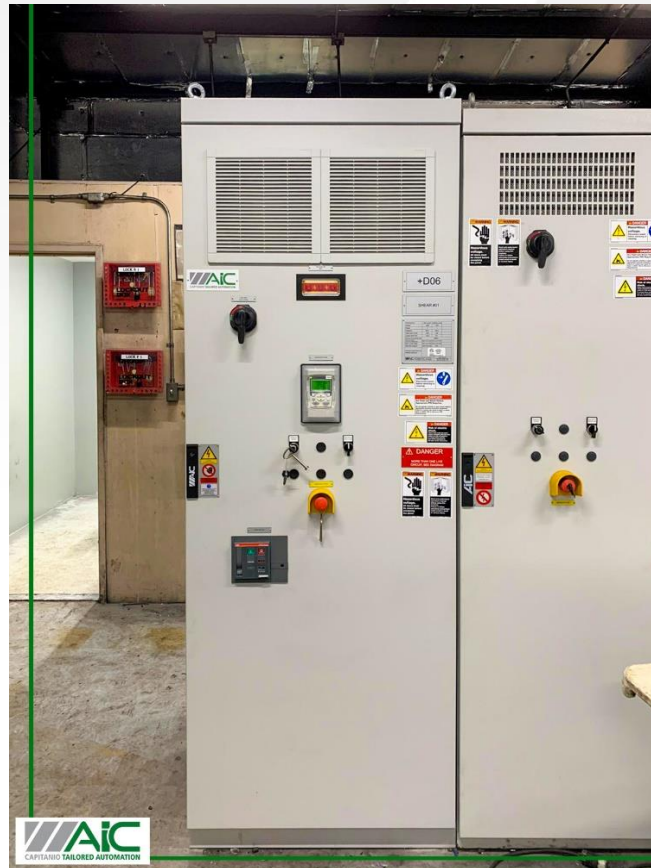
The commissioning was performed from 22 to 25 February 2020.



Stand 5-6

AIC Automazioni Industriali Capitanio sites:

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



Shear 1

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.

With corporate headquarters in Irving, Texas, Commercial Metals Company operates local recycling centers; steel mini mills and micro mills; fabrication facilities; construction-related product warehouses; heat treating facilities; and other metals related operations in the United States and Europe. CMC was the first steel manufacturer to adopt vertical integration in the United States, and they have successfully created a similar model in Europe. Commercial Metals Company has a strong presence throughout the United States. All CMC products and services, from recycling and manufacturing to rebar fabrication, are geographically represented to serve the customers coast to coast.

This press release is available at

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

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