

AIC received Final Acceptance Certificate from Aceros DM for MV drive system

In December 2014 Automazioni Industriali Capitanio received the FAC from Aceros DM for the MV drive system suited to command the 10 passes block of the wire rod line installed in San Luis de Potosi, Mexico.

The target of the project was to replace the two existing DC motors coupled in series to reduce maintenance costs and activities and to improve the reliability of the original system installed in 2005.

The scope of supply consists in:

- MV Transformer 6MVA / 13.8/3.3KV / 21% Z
- Siemens SM150 MV drive 10.5MVA / IGCT
- Siemens MV synchronous motor 4.8MW - 650/1000rpm - 150% O/L
- Existing Siemens S7 automation interface with the new drive
- Erection supervision
- Cold & hot commissioning & production assistance
- Training

The equipment has been delivered in October and after only two days of hot test the contractual performances were reached.

The new configuration allow now the plant to roll at a maximum speed of 100m/sec against the previous 88m/sec with a reduction of energy consumption of about 20%.

AIC and Grupo SAN collaborate since the '80s in the field of electrical and automation revamping and performance improvement of the rolling mill plants.

Aceros DM is part of Simec group. Since 2001 Simec has acquired companies that have established itself as a leading producer of special steels in Mexico and the United States, as well as in the rebar, merchant and structural shapes in Mexico.



MV drive panel supplied by AIC to Aceros DM