

## **Custom made operator and maintenance training for Cascade Steel, McMinnville, OR**

Cascade Steel trusted and awarded AIC to engineer documents and on-site training for the Rolling Mill in McMinnville (OR), USA.

This rod and bar mill consist of 18 stands 3 shears going to a hot bed or a 10-stand wire rod block. The stand and shear drives were upgraded by AIC in 2017. The automation is based on ABB AC450 platform. One IBA data acquisition is included in the system.

The document and training will be custom made for the production personal and one custom made for the maintenance personal. The documents will consist in description of automation functions and troubleshooting instructions.

The goal is for the personnel to understand what to look for and how to use the IBA for different situations of trouble shooting.

Some of the requested specific scenarios are:

- False Head or Tail alarms. Which material detector effects what part in the mill;
- Shear divide cuts;
- Material tracking;
- Loop and tension performance;
- References to software and hardware schematics;
- Living documents to be maintained and updated.

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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 1000 applications worldwide and more than 40 years of history, AIC can boost a unique experience in both greenfield and revamping projects in meltshops and long products rolling mills.

*Founded in 1968, Cascade Steel Rolling Mills is a state-of-the-art steel manufacturing facility that takes recycled metal and turns it into high-quality finished steel products. Located in McMinnville, OR (near Portland), the electric arc furnace (EAF) mini-mill produces a wide range of hot rolled products such as reinforcing bar (rebar), coiled reinforcing bar, wire rod, merchant bar and other specialty products.*

This press release is available at

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

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