Siemens wins order for Mulpic intensive plate cooling system from China Steel in Taiwan

- New plant facilitates direct quenching
- Extended product range will include wear-resistant plates

China Steel Corporation (CSC), a Taiwanese steel producer, has ordered a Mulpic (multi-purpose interrupted cooling) system from Siemens Metals Technologies. The intensive cooling line will be installed in the company's existing plate rolling mill in Kaohsiung, Taiwan, and is scheduled to be commissioned in June 2015. The Mulpic system facilitates direct quenching and will extend CSC's product portfolio to include highly wear-resistant plates.

CSC was founded in 1971. With an annual production of around ten million metric tons of crude steel, it is the largest steel producer in Taiwan. Around 65 percent of its steel products are sold in the domestic market. The company's plate rolling mill has an annual capacity of some 1.1 million metric tons and until now has been equipped with an ACC (Accelerated Cooling) system. The new Mulpic system from Siemens can achieve significantly higher cooling rates, which enables the plates to be quenched directly. This will widen CSC's product mix which, in future, will include highly wear-resistant plates for offshore, shipbuilding and pressure vessel applications.

Siemens will also supply the electrical and automation equipment for the Mulpic system. The cooling models for the existing ACC system will also be provided and integrated into the process models of the Level 2 automation. Mulpic intensive cooling allows not only faster cooling during thermo-mechanical rolling, but also direct quenching of the plates. Advanced actuators are an integral part of the machine. These ensure uniform properties along the plate length and across the
plate width, and minimize the need for further processing. The system ordered by CSC will increase the number of Mulpic systems installed worldwide since 2001 to 21.

Contact for journalists:
Dr. Rainer Schulze, Tel.:+49 9131 7-44544
E-mail: rainer.schulze@siemens.com

This press release and a press picture are available at www.siemens.com/press/pi/IMT201405649e

Mulpic intensive plate cooling system from Siemens.

For further information on solutions for steel works, rolling mills and processing lines, please see www.siemens.com/metals
Follow us on Twitter at: www.twitter.com/siemens_press

MULPIC is a registered trademark of Centre de Recherches Metallurgiques ASBL
The Siemens Industry Sector (Erlangen, Germany) is the world's leading supplier of innovative and environmentally friendly products and solutions for industrial customers. With end-to-end automation technology and industrial software, solid vertical-market expertise, and technology-based services, the Sector enhances its customers' productivity, efficiency, and flexibility. With a global workforce of more than 100,000 employees, the Industry Sector comprises the Divisions Industry Automation, Drive Technologies and Customer Services as well as the Business Unit Metals Technologies. For more information, visit www.siemens.com/industry

The Metals Technologies Business Unit (Linz, Austria), part of the Siemens Industry Sector, is one of the world's leading life-cycle partners for the metals industry. The Business Unit offers a comprehensive technology, modernization, product and service portfolio as well as integrated automation and environmental solutions covering the entire life cycle of plants. For more information, visit www.siemens.com/metals