PRESS RELEASE

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China Steel places order with SMS group to modernize continuous slab caster No. 4

Mold Monitoring System for more safety and top-class products

China Steel Corporation (CSC), Taiwan, has awarded SMS group the order to revamp its continuous slab caster No. 4 at Kaohsiung.

SMS group will be supplying a new hydraulic oscillator drive, including the pump station and the pertaining X-Pact® process control system to replace the existing electro-mechanical drive. For the mold, SMS group is supplying new thermocouples and the technological
process models. The level-2 models of the X-Pact® electrical and automation system include the Mold Monitoring System for temperature monitoring and the breakout prediction system.

The new hydraulic oscillator drive allows the oscillation frequency, stroke length and curve shape to be variably set. The breakout prediction system recognizes any occurring stickers at a very early stage, allowing preventive measures to be taken. For monitoring the process in the mold, the temperature is measured via thermocouples installed on the mold copper plates.

SMS group’s supply package also includes the project management, on-site training of the operating personnel and supervision of commissioning.

Start-up is scheduled for the end of 2016.

China Steel has placed this modernization order as a follow-up to the successful implementation of a Mold Monitoring System from SMS group in continuous caster No. 7 in the same works.

China Steel operates Taiwan’s largest integrated steel plant, where it produces about ten million tons of steel per year.

SMS Siemag AG and SMS Meer GmbH are both companies of SMS group which, under the roof of SMS Holding GmbH, consists of a group of companies internationally active in plant construction and mechanical engineering for the steel and nonferrous metals industry.