

PRESS RELEASE

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SAFs commissioned by SMS Siemag

Submerged arc furnaces for the production of silicon metal successfully put on stream at China Bluestar International

SMS Siemag, Germany, has successfully commissioned two submerged arc furnaces at China Bluestar International Chemical Co., Ltd.

In mid-2009 SMS Siemag had been awarded the contract for the supply of the submerged arc furnaces for the production of silicon metal at the Yongdeng, Gansu, works.

The scope of supply includes the basic engineering for a new production plant and its ancillary units, the layout, design and supply of six electrode columns, the high-current line made of copper and the hydraulic system. SMS Siemag will assist with the installation and metallurgical commissioning.

In addition to 20,000 t of silicon per year, this plant will supply more than 9,000 tpy of fine SiO₂ dust as a valuable raw material for cement manufacturing.

SMS Siemag had already successfully modernized two silicon-metal furnaces at the same location in 2004.

China Bluestar International Chemical Co., Ltd. is a Chinese manufacturer of metallurgical silicon which is further processed into material for the semiconductors industry. The process involves the conversion of quartz to silicon using carbon in the submerged arc furnace.

(24 lines with max. 55 letters)

SMS Siemag AG is a company of the SMS group, which is, under the roof of the holding SMS GmbH, a group of companies internationally active in plant construction and mechanical engineering for the steel and nonferrous metals industry. It consists of the two Business Areas SMS Siemag and SMS Meer. In 2008, some 8,900 employees worldwide generated a turnover of more than EUR 3.6 bn.