



Ruifeng orders continuous hot-dip galvanizing line from SMS group



Ruifeng (Shandong Ruifeng Stainless Steel Co.), China, has selected SMS group to supply a continuous hot-dip galvanizing line for steel strip, which is to be erected in Binzhou in the Chinese province of Shandong and is scheduled to start production in the second half of 2019. The new galvanizing line will enable Ruifeng to anneal and galvanize 350,000 tons annually of cold strip that is produced on the company's own pickling line/tandem mill. To protect it against corrosion the strip will be coated with a layer of zinc or

aluminum-zinc. The material will mainly be used for applications in the construction industry and to produce home appliances.

The line is to be completely supplied by SMS group. All mechanical and process-technological components, including furnace and air-knife system, as well as all electrical and automation systems are part of SMS group's package, too. Also included in the scope of supply is the supervision of erection and commissioning.

The strips to be processed in the line will first run through a cleaning section including electrolytic cleaning segment. Subsequent heat treatment will be accomplished in a horizontal Drever furnace with direct-fired zone and radiant-tube zone. In addition, a DUMA-BANDZINK BASICJet air-knife system for the

homogeneous and precise thickness setting of the zinc layer will be integrated to meet even extremely high surface quality demands. To be able to coat the strips with both aluminum-zinc or zinc, it is planned to install a change system with two zinc pots. For post-treatment, the line will be equipped with a skin-pass stand, a tension leveler and two vertical roll coaters, as well as an oiling machine in the exit section.

The hot-dip galvanizing line will be designed to process strips up to 1,350 millimeters wide and between 0.30 and 2.0 millimeters thick. The maximum strip speed during the galvanizing process will be 180 meters per minute, whereas in the entry and exit sections maximum speed may reach up to 240 meters per minute. The product range will comprise commercial grades and deep-drawing grades, among others. ■

POSCO-China Receives Highest Rating in Chinese CSR Report Evaluation

The CSR Report 2017 published by POSCO-China in June 2018 affirms the 5-star rating, the highest level of achievement earned from the Corporate Social Responsibility (CSR) Expert Committee on June 22. This marks POSCO's second time around in securing a perfect evaluation score since 2011 when POSCO-China first issued the CSR Report in China.

The report presenting two different elements, the management (sustainable development) and the implementation (social responsibility), conveys POSCO's philosophy, notions of social responsibility, and efforts to reinforce communications not only with customers but to cultivate a congenial relationship with society at large.

POSCO-China details the sustainable development



activities during the past year from the perspective of management as well as demonstration. The beginning of the report displays data analysis regarding the practices of social responsibilities based on the UN Sustainable Development Goals (SDGs) of which companies around the world strive to achieve. To commemorate POSCO's 50th anniversary, the report congruously details the history and achievements of CSR at POSCO during this half-century span.

Before the publication of CSR Report each year, POSCO-China conducts online surveys and votes on related issues to enhance transparency. Owing to this effort, POSCO was ranked number 7 by the Chinese Academy of Social Sciences in the 'Chinese Corporate Social Responsibility Development Index' in 2017. ■