

## **WS – Fives Stein SA Press Release**

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WS Wärmeprozessstechnik designed and supplied high efficiency burners with very low emissions to Fives for silicon steel processing lines. Fives, an international engineering group, has received several orders to supply annealing & pickling lines and annealing & coating lines to Chinese steelmakers.

Driven to meet its climate commitments over the last years, China's steelmakers have been demanding the best available combustion technology with lowest NOx emissions. Thanks to the patented and award-winning FLOX® process, it was possible for WS Wärmeprozessstechnik to guarantee the strictest emission values without SCR (selective catalytic reduction) treatment for Fives' furnaces for silicon steel.

About Fives: As an industrial engineering group with a heritage of over 200 years, Fives designs and supplies machines, process equipment and production lines in various sectors such as steel, aerospace and special machining, aluminium, automotive and manufacturing industries, cement, energy, logistics and glass. In 2020, Fives achieved €1.6 billion of sales and employed close to 8,000 people in about 30 countries. In the steel industry, Fives offers process expertise, ground-breaking technologies and digital tools, supporting steel manufacturers ability to achieve the ultimate in performance excellence, including customer strategic development support, ultra-low NOx reheating furnaces, advanced cold rolling mills for stainless, silicon and carbon steels, complete strip processing lines for carbon (including AHSS and UHSS), stainless and silicon steel, unique transverse flux and longitudinal induction heating technologies and a full range of services.

About WS Wärmeprozessstechnik GmbH: WS Wärmeprozessstechnik GmbH is known globally for high quality combustion systems with the experience of tens of thousands of FLOX® burners and is as such a highly sought-after project partner. WS provides worldwide service of the highest quality profiting from decades of experience and competent partners around the globe. WS burners attain highest energy efficiency and at the same time very low NOx Emissions. "It is our ambition at WS, to provide solutions for all continuously operated strip lines which can reliably attain NOx emissions well below 100 mg/Nm<sup>3</sup>, with simultaneously high combustion efficiency over 80% and which are, already today, suited for a future with green combustion gases", states Dr.-Ing Joaching G. Wüning, President of WS Wärmeprozessstechnik GmbH.



Picture 1 Silicon Strip Line with FLOX® Burners from WS. Source: WS Wärmeprozestechnik GmbH