

Baoding Furuike Special Ceramic Products Manufacture Co., Ltd.

Company Profile

Baoding Furuike Special Ceramic Products Manufacture Co., Ltd.(former name Baoding Shuangyi Composite Material Co., Ltd.) is a professional company engaged in research and development and produce high-performance friction materials. The water-lubricated bearing materials and wind turbine brake materials developed and produced by our company are at the leading level in China. The company passed China Classification Society ISO9001 Quality Management Certification and ISO14000 Environmental Management Certification in 2011.And passed IRIS-ISO/TS22163 International Railway Industry Standard Certification in 2018.

The company has been researching and developing Graphite products for submersible pumps since 2000. At present, it occupies 25% of the market share in Hebei Province of China and is the only German supplier of submersible pumps in Graphite products, **Pleuger Industrial GmbH (formerly FLOWSERVE SIHI Germany GmbH)**. Since 2002, the company has been researching and developing wind turbine brake materials. It has successively designed and manufactured small inertia brake pads testing machine SYSC-1, wind turbine high-speed brake pads bench testing machine SYTJ-2, and wind turbine yaw brake pads testing machine. The above testing machines can truly simulate the actual working conditions of the wind turbine and provide good testing methods

for the research and development of wind turbine friction materials.

The wind turbine high-speed brake materials developed by our company have passed the technical tests of foreign manufacturers and are consistent with the technical indexes of MD550 of MIBA Company. At present, it has been widely used in domestic wind farms and brake caliper factories. Ranked first in the domestic market, we are also a qualified supplier of **Antec Braking System (Tianjin) Co.,LTD and Rexnord Stearns in USA, Dellner Brakes JHS Germany GmbH in Sweden** and water lubricated bearing materials to Pleuger Industries GmbH in Germany.

In September 2013, our company began to set up a project to develop brake pads for CRH380 EMU. In September 2014, our sample brake pads were tested according to TJ/CL307-2013 standard at Polish Rail Transit University. From October 2014 to February 2016, we designed and manufactured the EMU brake pad 1:1 test bench according to TJ/CL307-2014 standard, which can meet the testing requirements of TJ/CL307-2014 and provide reliable guarantee for the research and development and quality inspection of high-speed railway brake pads. From February 2016 to April 2017, FRK960 copper-based powder brake material was successfully developed, and its material properties met the requirements of TJ/CL307-2014 standard. In April 2017, the company began to apply for the brake pads of China Railway

Construction Corporation EMU in Textile test. In December 2017, the company passed the China Railway Construction Corporation bench test and obtained the trial certificate of powder metallurgy brake pads (non-dovetail type) for EMU of 300-350km/h and above. In September 2018, a one-year road test was started in CRH380B of Tangche. The emergency braking test was passed on September 16. At present, the product has been running safely for 6 months and 270,000 kilometers. It is estimated that production license can be obtained through road test in September 2019. At present, we are testing according to TJ/CL307-2019 standard, and our materials can meet the requirements of the new standard.

The company adheres to the principle of "win&win in good faith" and takes the road of promoting enterprises through science and technology and continuous innovation, gradually becoming a modern scientific and technological enterprise integrating scientific research, production and sales. Scientific management, strong technical strength and complete testing methods are the guarantee for the best-selling products of Furuike Company. We will serve new and old customers with unremitting efforts, high-quality products and good reputation. Furuike is willing to create a better tomorrow with all of our friends.