
TSMC's First Plant Construction Project in Japan, Which Taikisha Participated in, Now Completed

Taikisha Ltd. (Head Office: Shinjuku-ku, Tokyo; Representative Director: Masashi Osada; hereinafter referred to as “Taikisha”) participated as a supplier in the construction work of the first Japanese production base of Taiwan Semiconductor Manufacturing Company Limited (hereinafter referred to as “TSMC”), which is the largest semiconductor contract manufacturing company in the world, in Kikuyomachi, Kumamoto Prefecture, and undertook the construction work of the main equipment, including the clean room and production exhaust gas treatment system. The plant has already been completed, and the opening ceremony took place on February 24.



■ Overview

The first plant in Kumamoto constructed this time is the first production base for TSMC in Japan. Against the backdrop of the Japanese government positioning semiconductors as a critical product for economic security and strengthening the domestic supply chain, this plant is drawing attention as a public-private project and

because of its scale and its impact on industry. The plant is scheduled to start its operation by the end of December 2024, with a production capacity of 55,000 300wafers per month. Following the construction of this plant, TSMC is planning to construct second plant for producing advanced semiconductors.

■ **Background of participation**

Semiconductor manufacturing processes require ultra-precise temperature control and an extremely clean working environment to ensure product quality. Having particular strengths in the field of industrial HVAC within air conditioning field, Taikisha has provided a number of precision HVAC and clean rooms in response to the high-level needs of a wide range of customers, developed adaptability along the way. In addition, having always been committed to business activities rooted in local communities, we have done business with Taiwan since the 1930s, we established our local subsidiary in 1989, and we contracted to design and construct several large clean rooms for semiconductor plants of customers, including non-Japanese customers, in the 1990s. We believe it is these background that led us to participate in TSMC's project this time.

■ **Toward the future**

Participating in this unparalleled large-scale and short-term construction project as a supplier and successfully completing the construction work of the main equipment, including the clean room and production exhaust gas treatment system, has expanded our potential and instilled confidence in our employees. With this experience, we will continue to contribute more than ever to economic activities between Taiwan and Japan and to further challenge ourselves in the international community.

Contact for inquiries from the media regarding the press release:

Taikisha Ltd. Public Relations Section

TEL: +81-3-5338-5052 FAX: +81-3-5338-5195

E-mail: mailmast@taikisha.co.jp