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Nissin Electric Co., Ltd.

Nissin Electric (Thailand) Co., Ltd.

Nissin Electric (Thailand) Strengthens Its Production Structure to Meet the Growing Global Demand for Semiconductor Manufacturing Equipment

— Increasing production capacity to supply parts for semiconductor manufacturing equipment by 1.5 times compared to FY2020 —

Nissin Electric (Thailand) Co., Ltd., one of the group companies of Nissin Electric Co., Ltd. that performs contract production of equipment and parts and manufactures and sells electrical equipment, has strengthened its production structure to meet the rapidly growing requests for production increase from manufacturers of semiconductor manufacturing equipment amid the global semiconductor shortage. The company has increased its production capacity by 1.5 times compared to FY2020. In FY2022, it aims to attain revenue of three billion yen through sales to manufacturers of semiconductor manufacturing equipment.

This is a business activity that contributes to one of the six growth strategies in the Nissin Electric Group Medium-to-Long-Term Business Plan VISION2025, “Identifying demand resulting from increasing environmental awareness in emerging countries” and one of the business foundation strengthening items “Enhancing manufacturing capabilities.”

To strengthen its production structure, Nissin Electric (Thailand) built a system to keep the parts processing equipment in full operation for 24 hours a day, thereby improving productivity and significantly expanding the production volume. The company also improved quality and significantly reduced production time by building a dedicated production line taking into account the characteristics of parts for semiconductor manufacturing equipment.

Nissin Electric (Thailand) also built an environmentally friendly production structure capable of reducing CO₂ emissions derived from equipment operation by changing the layout while keeping in mind operation without cranes and the traffic flow and increasing the efficiency of materials handling using forklifts. Thus, the company has reduced carbon emissions while significantly increasing the production volume.

To further expand the production capacity, a cutting-edge fiber-laser cutting machine has been introduced and will go into operation in July 2022. To cope with ever-growing new inquiries for contract production other than parts for semiconductor manufacturing equipment., Nissin Electric (Thailand) will continue equipment investment to build a production structure that can meet customers’ needs.



Machining center area



Dedicated welding line without cranes

The Nissin Electric Group has been stepping up its efforts to promote the SDGs through its business operations. This accomplishment is related to the following goals among the 17 SDGs.

- 7.Affordable and Clean Energy
- 8.Decent Work and Economic Growth
- 13.Climate Action