

October 5, 2023

TANGENT HITZ CO., LTD. a joint venture established in Thailand ～ Production of hydraulic gates and other steel structures from October 2023 ～

In August 2023, Hitachi Zosen Corporation established a joint venture company, TANGENT HITZ CO., LTD. (Rayong Province, Managing Director: Tsuyoshi Hiruma, hereinafter "TANGENT HITZ") in the Kingdom of Thailand with the aim of expanding its hydraulic gate business overseas. TANGENT HITZ has concluded an asset transfer agreement with a local steel structure manufacturer TANGENT CO., LTD. (hereinafter "TANGENT") and acquired its factory buildings with machinery and equipment, which started operation.

Southeast Asia has many large rivers, such as the Mekong River, an international river flowing through five countries, and the Chao Phraya River in Thailand, which often flood in rainy season, leading to construction of hydraulic gates for rivers and dams for hydroelectric power generation in various locations. In Thailand, Indonesia, and the Philippines, there is still a high demand for river gates due to frequent flooding, and construction of many dams with hydroelectric power plants is planned.

We have delivered a number of radial gates for dams, river gates that regulate the river levels and secure towns from floods and storm surges, temporary closing facility used in dam redevelopment works, and tide gates for tsunami and storm surge prevention measures. They play major roles of "flood control," "water utilization," and "power generation". The establishment of TANGENT HITZ is in anticipation of securing overseas an overseas manufacturing base to meet overseas demand for new construction and future demand for renewal of hydraulic gates.

The newly acquired factory building has an area of approximately 6,480 square meters, and is equipped with cutting, bending, welding, and machining, as well as four 10-ton overhead cranes, and capable of the production of large-scale hydraulic gates that require high-precision. In addition to hydraulic gates, steel structures, plant equipment, and offshore structures can also be manufactured.

Hydraulic gates are one of the first social infrastructure facilities to be built in each country, supporting people's lives and rich lifestyles. We began hydraulic gate businesses in 1923 and have installed hydraulic gates in approximately 30 locations in 11 countries, including Southeast Asia, Africa, North America and South America. We will continue to contribute to the development of social infrastructure in various countries by leveraging our 100 years of experience.

The outline of TANGENT HITZ is as follows.

- 1.Name : TANGENT HITZ CO., LTD.
- 2.Location : Rayong Prefecture, Thailand
- 3.Managing Director : Tsuyoshi Hiruma
- 4.Business description : Manufacturing, and sales of floodgates, steel frames, plant equipment, offshore structures, etc.
- 5.Establishement : August 2023
- 6.Capital : 6 million Thai baht (approx. JPY 24 million)
- 7.Investment ratio : Hitachi Zosen Corporation 49%
Bangkok MUFG Limited 19%
M&A Advisory Co., Ltd. 16%
Aura Innovation (Thailand) Co., Ltd. 16%