

July 17, 2019

Completion of Yamaguchi Plant, a New Manufacturing Plant

Ono Pharmaceutical Co., Ltd. (Osaka, Japan; President, Representative Director, Gyo Sagara; “ONO”) announced that it held an opening ceremony for the completion of Yamaguchi Plant, a new manufacturing plant in Yamaguchi Prefecture on July 12, 2019.

ONO owns its main plant, Fujiyama Plant in Shizuoka Prefecture. ONO established Yamaguchi Plant, a new manufacturing plant in Yamaguchi Prefecture, in order to strengthen a future business expansion and mitigate the risk of major disaster from the business continuity perspective. Yamaguchi Plant is equipped with a production line capable of handling highly active and antibody drugs, and ONO will manufacture injections such as an anti-cancer drug, Opdivo, and a treatment drug for multiple myeloma, Kyprolis, in this plant.

Yamaguchi Plant consists of three buildings, an administration and welfare building having administrative and quality control functions, a manufacturing building and a warehouse building, with a central spine (central corridor) connecting each building. The manufacturing building and warehouse building are allocated so that they can be further expanded.

Aiming at a resilient plant that is resistant to disasters as a measure for business continuity plan (BCP), the manufacturing building has been equipped with a seismic isolation structure, and the warehouse building equipped with a seismic isolation rack having seismic isolation function. In addition, we introduced storage equipment (NAS batteries) for peak power cut and enhanced a power generation backup system by introducing an emergency power generation system. Furthermore, we introduced high-efficiency heat source equipment which has a high energy-saving effect.

An isolator system has been introduced into the production line to ensure sterility assurance and protect workers when handling highly active pharmaceutical products. In addition, a high-level labor saving, including automation of in-plant distribution and production facilities has been achieved by linking the production management system, the warehouse system, the Manufacturing Execution System (MES) and the Laboratory Information Management System (LIMS).

In the future, ONO will conduct various verifications to stably supply high-quality pharmaceutical products, and will work to start operations in the spring of 2020, while conducting regulatory procedures to obtain permission of manufacturing pharmaceutical products.

【Outline of the Yamaguchi Plant】

Location	3-45, Sayama, Yamaguchi-city, Yamaguchi
Construction start	August 2017
Construction completion	July 2019
Building floors	Manufacturing building (4F), warehouse building (2F), and administration and welfare building (3F)
Site area	57,711.13 m ²
Building area	10,906.02 m ²
Total floor area	28,661.84 m ²
Construction cost	Approximately 21.0 billion yen
Construction company	Joint venture of Takenaka Corporation and Maeda Corporation

【Photo of the Plant】



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