



NEWS RELEASE

May 17, 2017

Tosoh Initiates Renovation Project at its Nanyo Complex

Tokyo, Japan—Tosoh has started a renovation project at its main manufacturing and R&D Complex in Nanyo, Shunan City, Yamaguchi Prefecture. The project will include new research facilities and a modernized main gate area, including construction of a new main building.

The project has the following three specific goals in the interest of enhancing the capabilities of the Nanyo Complex:

1. Constructing new research laboratories to strengthen Tosoh's specialty products R&D capabilities
2. Renovating the main gate area to replace the obsolete main building and other main gate features
3. Strengthening Tosoh's business continuity plan (BCP)

Overview of principal facilities

	New research laboratories	New main building
Floor area	About 10,000 m ²	About 5,000 m ²
Structure	Four floors	Four floors
Construction start	August 2018	June 2017
Construction completion	October 2019	June 2018
Capital spending	About ¥11.0 billion (inclusive of R&D equipment, a facilities management building, a disaster prevention center, etc.)	

Key Project Points:

1. New research laboratories

The construction of research laboratories at Nanyo Complex will consolidate in one location laboratories that to date are dispersed in four locations (see accompanying table). This will heighten the efficiency of the complex's R&D, chiefly by improving the functionality of its laboratories through proximity and the better leveraging of the synergies among the technologies being worked on at the various laboratories. Also a high priority is constructing modern R&D facilities free of the safety hazards typical to aging facilities.



Nanyo Complex is the R&D center for Tosoh's specialty products business. As such, the company's Inorganic Materials and Organic Materials Research Laboratories are located in the vicinity. Both facilities, though, were built over 40 years ago and are in need of seismic and other upgrades. Tosoh intends to replace them with new laboratories within the Nanyo Complex that will serve as development bases for the mid- to long-term growth of the company's specialty products business.

These and the other new laboratories at Nanyo Complex will increase coordination between technology themes through functional consolidation. The improved R&D that they facilitate of new applications and materials will be further advanced through expanded bench test facilities and clean rooms and the introduction of other state-of-the-art R&D-related facilities.

2. New main building and main gate area

The main entrance, main entrance building, and other entrance facilities were built more than 50 years ago. The company will construct a new main entrance building and renovate the surrounding facilities in support of its BCP.

The new main entrance building, moreover, will enable the company to consolidate under one roof the technology center and the environmental safety and quality assurance departments that have to date been scattered throughout Nanyo Complex.

This project and that of constructing new laboratories within the complex will raise convenience, efficiency, functionality, and safety.

Artist's rendering



Overview of the laboratories and technology center

R&D operations (after completion of new research laboratories)		Research areas
Specialty product R&D operations		Strengthening of existing organic chemicals business and development of new organic functional products in the IT and electronics and environmental fields
Nanyo Complex (Nanyo, Yamaguchi)	Organic Materials Research Laboratory	
*New research laboratories to be completed in October 2019	Inorganic Materials Research Laboratory	Strengthening of existing functional materials business and development of new inorganic functional products in the electronics, environmental and energy fields
Petrochemical and polymer product R&D operations		Utilize molecular structure, functional design, and other technologies to develop new polymer materials for optical, electronic, biological, and other applications
Yokkaichi Complex (Yokkaichi, Mie)	Functional Polymers Research Laboratory	
	Polymer Materials Research Laboratory *Centralized in the Nanyo Complex's Polymer Materials Research Laboratory	Strengthening of existing petrochemical and polymer businesses and developing basic polymer technologies such as catalysts, polymerization and property control and fabrication.
	Polyurethane Research Laboratory *Scheduled to be moved from Yokkaichi, Kanagawa	Strengthening of existing polyurethane business and creation of new functional polyurethane products through the development of polyurethane resin raw materials and systems
Polyurethane Research Laboratory (Yokohama, Kanagawa)	Scheduled for closure in August 2019	
Advanced technologies development operations		Development of materials and technologies in the health and medical fields, including clinical diagnostic technologies and pharmaceutical separation and purification media
Tokyo Research Center (Ayase, Kanagawa)	Life Science Research Laboratory	
	Advanced Materials Research Laboratory	R&D of advanced materials associated with electronics and energy



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Production technology and engineering operations		
Nanyo Complex (Shunan City, Yamaguchi Prefecture)	Technology Center	Improvement and rationalization of existing processes, commercialization of new processes, engineering for plant construction, and support for environmental safety technology

TOSOH CORPORATION

Who We Are

Tosoh is the parent of the Tosoh Group, which comprises over 100 companies worldwide and a multiethnic workforce of over 12,000 people and generated net sales of ¥743.0 billion (US\$6.9 billion at the average rate of ¥108.35 to the US dollar) in fiscal 2017, ended March 31, 2017.

What We Do

Tosoh is one of the largest chlor-alkali manufacturers in Asia. The company supplies the plastic resins and an array of the basic chemicals that support modern life. Tosoh's petrochemical operations supply ethylene, polyethylene, and functional polymers, while its advanced materials business serves the global semiconductor, display, and solar industries. Tosoh has also pioneered sophisticated bioscience systems that are used for the monitoring of life-threatening diseases. In addition, Tosoh demonstrates its commitment to a sustainable future, in part by manufacturing a variety of eco-products.

Stock Exchange Ticker Symbol: JP: 4042

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