

BUSINESS OVERVIEW



Water Treatment Business

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EPC works (Engineering, Procurement, Construction) /
Equipment Production & Repair /
Operation and maintenance

We are a plant engineering company, and our activities include the construction and operation & maintenance for a wide range of water treatment facilities, from municipal use to industrial use. We are committed to creating a sustainable water environment.

Water treatment

- Treatment facilities for industrial water, city water and sewage
- Treatment facilities for ultrapure water, pure water, industrial water and wastewater

Biomass

- Recycling system for organic waste such as sewage sludge and food

Cooling Tower

- Industrial/air conditioning cooling towers



In October 2021, we received an order for reconstruction of the sludge treatment facility project in Hyogo prefecture, Japan.

Waste Treatment Business

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Design, manufacturing, procurement, construction, O&M services and sales
Core equipment repair work

We can provide a series of services and solutions to meet various needs throughout the plant life. Our Waste-to-Energy plants and Recycling plants contribute to creating an eco-friendly society. Through our PCB detoxification treatment, we strive to eliminate negative environmental legacies for future generations.

Waste treatment

- Grate Type Incineration
- Fluidized-Bed Gasification & Combustion
- Fluidized-Bed Gasification and Melting Furnace
- Drum can crushing systems
- Recycling centers

Detoxification of PCB and Dioxin

- PCB detoxification treatment facilities



In March 2023, the Saitama Seibu Clean Center was completed.

Pharmaceutical and Fine Chemical Equipment Business

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Engineering
Manufacturing
Sales and maintenance

Our Harima Plant produces glass-lined equipment, powder treatment equipment, thin film evaporator etc., which are core components in the manufacturing process for chemical industries. Our equipment is highly valued in various industrial fields, such as pharmaceutical, fine chemical, electronic related materials and petrochemical, where sensitive or delicate material-processing is required for product quality control.

Process Equipment

- Glass-lined equipment
- Polymerizer, reactor, filter/dryer, mixed type freeze dryer, thin film evaporator

New Product HYX-E95™ now on sale!

HYX-E95™ is the hybrid glass-lining which combines the electro conductive glass ECOGL™ II and low elution glass 9500. Its excellent antistatic performance as well as its electrostatic discharge resistance can enhance safety in the manufacturing process, and its excellent low metal ion elution performance can significantly reduce the metal ion contamination. These advantages will contribute to improving your product quality.



New Business

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We contribute to solving various kinds of environmental issues by identifying new market needs and proposing business models, utilizing the unique technologies and know-how we have cultivated.

High-purity Hydrogen Oxygen Generator (HHOG™) Algae Wood biomass power generation

HHOG™ delivered to hydrogen power generation demonstration model facility!

Through Yamato H2Energy Japan, we delivered HHOG™ to a hydrogen power generation demonstration model facility at Nihon Kensetsu Kogyo's Kanto General Center. The HHOG™ generates green hydrogen by using electricity from on-site solar energy generators. The hydrogen produced is supplied to hydrogen stations (for fuel cell forklifts and fuel cell vehicles) and fuel cells on the premises, and in the event of a disaster, the facilities can contribute to the local community by supplying electricity to nearby residents.

