**KURE WORKS**

**Brief History**

1958: The acquisition of former naval arsenal premises through government privatization initiated the construction of the first factory works.

1959: Kure branch factory of Hitachi, Ltd. established.

1961: Kure factory of Hitachi, Ltd. established.

1964: Kure factory became independent as Hitachi Boiler Ltd.

1965: Hitachi Boiler Ltd. and Babcock-Hitachi K.K. merged to form Babcock-Hitachi K.K. (Hitachi 85%, UK B&W 15%)

1987: Akitsu Plant established.

1989: Philippines factory (currently Mitsubishi Power (Philippines) Inc.) established.

1999: Mitsubishi Hitachi Power Systems, Ltd., a joint venture company formed by Mitsubishi Heavy Industries and Hitachi integrating thermal power generation systems and other related businesses, established. Mitsubishi Hitachi Power Systems and Babcock-Hitachi K.K. merged to form Mitsubishi Hitachi Power Systems’ Kure Works.

2011: Renamed Mitsubishi Power, Ltd. Mitsubishi Power’s Kure Works was formed as a result.

**Contributing to Society through Energy and Environmental Technologies**

Kure Works was established in 1959 as a boiler manufacturer, that provides energy and environmental conservation solutions, including but not limited to: thermal power generation boilers, flue gas desulfurization (FGD) systems and selective catalyst reduction (SCR) systems. Currently, new technologies related to integrated coal gasification combined cycle (IGCC), low-grade coal combustion and CO2 capture are in development.

**Area**

- 36ha, 411m²/acre ~ 81,030m²/acre

**International Certifications**

- ISO 9001 Quality Management System
- ISO 14001 Environmental Management System

**Annual Production Capacity**

- Boilers: 2,300 MW

**Map**

Kure First Plant

Kure Second Plant

Akitsu Plant

Sites:

- Kure First Plant
- Kure Second Plant
- Akitsu Plant

**Access**

**Kure First Plant**

- 6-9 Takara-machi, Kure-shi, Hiroshima 737-8508, Japan  Phone: +81-823-21-1161
- (By train/Bus): Take the JR Kure Line to Kure Station. About 4 minutes on foot.

**Kure Second Plant**

- 10-1 Showa-cho, Kure-shi, Hiroshima 737-0027, Japan  Phone: +81-823-21-7236
- (By train/Taxi): Take the JR Kure Line to Kure Station. About 10 minutes by taxi.

**Akitsu Plant**

- 3300 Kazahaya Akitsu-cho, Higashi Hiroshima-shi, Hiroshima 739-2403, Japan  Phone: +81-846-45-4225
- (By train/Taxi): Take the JR Kure Line to Akitsu Station. About 4 minutes by taxi.

**About 10 minutes by taxi from JR Higashi-Hiroshima Station (Sanyo Shinkansen)**

**About 40 minutes from Hiroshima Airport by taxi**

**KURE SINCE 1959**
The Kure Works delivers worldwide a high number of large-scale, high temperature, high pressure boilers that boast high efficiency and exceptional environmental performance. In order to achieve advanced performance and reliability as well as to respond to diverse customer needs, we realize optimal plant design, production and construction through state-of-the-art 3D digital design technology that combines such features as 3D CAD, CAE (analysis) and a 3D viewer. We are currently striving to shorten the construction period and enhance quality.

Main Products Outline Design Using 3D Digital Model

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Integrated Coal Gasification Combined Cycle Gasifier

Air Quality Control Systems (AQCS)

The Kure First Plant is located in Kure City, a city that has a culture of diverse scientific technologies including shipbuilding and steel manufacturing that were and are the cornerstones of Japan's modernization, whose history stretches back to the Meiji era. Facing the Seto Inland Sea and located close to JR Kure Station and Kure Central Pier Terminal, the First Plant is easily accessible on foot. Boilers and other core products are designed and manufactured here.

Kure Second Plant

Located 10 minutes by car from the Kure First Plant, the Kure Second Plant manufactures pressure vessels, drums and other heavy components. The Plant houses a pit (diameter: 18 m, depth: 21 m), which was used to assemble gun turrets for battleships Yamato and Musashi, and is still used for manufacturing and testing pressure vessels.

Akita Plant

The Akitsu Plant's main operation is the manufacture of selective catalytic reduction (SCR) catalysts. It has facilities covering environmental research and development through to production.