

February 15, 2013

JX Nippon Mining & Metals Corporation  
JX Metals Precision Technology Co., Ltd.

## **Completion of Construction of the Kakegawa Works**

### **A New Base for Producing Precision Components and Connectors:**

*Creating an OEM System for Automotive Connectors and Other Components  
by Integrating Manufacturing Processes from Stamping and Plating to Assembly*

JX Metals Precision Technology Co., Ltd. (JXPT; head office: Ueno 1-chome, Taito-ku, Tokyo; president: Masahiro Tsuji) is pleased to announce the completion of the construction of the Kakegawa Works in Kakegawa City, Shizuoka Prefecture. JXPT is a subsidiary of JX Nippon Mining & Metals Corporation (JXNMM; head office: Otemachi 2-chome, Chiyoda-ku, Tokyo; president: Yoshimasa Adachi) and manufactures precision components and connectors. The Kakegawa Works will provide integrated manufacturing of precision components and connectors, from stamping and plating processes through to assembly.

The Kakegawa Works will create an OEM (original equipment manufacturer) system mainly for automotive connectors.

The Kakegawa Works is scheduled to commence operations in April 2013.

The market for green vehicles—cars featuring environment-friendly technologies—is expected to see greater and greater growth in the future. Because eco-cars have more electrical components than conventional vehicles, demand for the connectors and other components used in them is expected to rise further.

The Kakegawa Works will provide stable and efficient production of high-quality automotive connectors and other components by employing an integrated manufacturing system that harnesses the precision fabricating technology that the JXNMM Group has acquired over the years.

To meet the wide-ranging needs of the IT industry, the Group already has in place an integrated manufacturing system for connectors for IT and other applications. The system features a collaborative network centered on the Group's Esashi Works (Iwate Prefecture), Tatebayashi Works (Gunma Prefecture), and Nasu Works (Tochigi Prefecture).

With the completion of the Kakegawa Works, the JXNMM Group will establish an OEM system to supply connectors and other components that are easy to use. The JXNMM Group aims to respond to the diverse demands of clients by adopting a business model similar to that used in the semiconductor and other industries where division into planning/development and *monozukuri* (manufacturing) specializations is being promoted.

(Reference)

### 1. Diagram of JXPT's Integrated Manufacturing System for Precision Components and Connectors

Use/Product \ Process	Stamping	Plating	Assembly
Automotive Connectors, etc	Kakegawa Works		
IT Connectors, etc.	Nasu Works	Esashi Works Tatebayashi Works	Nasu Works

Note: Marketing functions related to the above will be handled mainly by JXNMM. Precision rolled products from JXNMM's Kurami Works will be used as materials in the above processes.

### 2. Profile of JXPT's Kakegawa Works

- (1) General Manager: Shinzo Sakagami (Senior Executive Officer of JXPT)
- (2) Address: Shobugaike 101, Kakegawa City, Shizuoka Prefecture
- (3) No. of Employees: About 300 (target for end of March 2015)
- (4) Area of Works: Total area of site: Approx. 59,000 m<sup>2</sup>; Total floor area of building: Approx. 29,000 m<sup>2</sup>, Two-storey building
- (5) Construction Period: March 2012–February 2013
- (6) Total Investment: About 9 billion yen

### 3. Profile of JXPT

- (1) Address: 10-12 Ueno 1-chome, Taito-ku, Tokyo
- (2) President: Masahiro Tsuji
- (3) Main Business Operations: Manufacture of precision components and connectors, etc.
- (4) Paid-in Capital: 90 million yen (wholly owned subsidiary of JXNMM; as of end of January 2013)
- (5) No. of Employees: About 800 (target for end of March 2015)
- (6) Operating Sites: Tatebayashi Works (Gunma Prefecture), Esashi Works (Iwate Prefecture), Nasu Works (Tochigi Prefecture), and Kakegawa Works (Shizuoka Prefecture)
- (7) Company Launch: In January 2013, Sanyu Electronic Industry Co., Ltd., Suzuki Manufacturing Co., Ltd., and JXPT merged, and the resulting company was newly launched under the name "JX Metals Precision Technology Co., Ltd."



Kakegawa Works



Tape-Cutting Ceremony

(Third from the left is Kakegawa City Mayor Saburo Matsui. Fourth from the left is JXNMM President Yoshimasa Adachi. Fifth from the left is JXPT President Masahiro Tsuji.)