

A large industrial converter is shown in the process of pouring molten metal. The converter is a massive, dark, cylindrical vessel with a large spout at the bottom. It is being tilted by a crane, and a bright, glowing stream of molten metal is being poured out of the spout. The scene is set at night, with the bright orange glow of the molten metal contrasting sharply with the dark surroundings. The background shows the complex steel framework of the industrial facility, with various levels and walkways visible. The overall atmosphere is one of intense industrial activity.

Competing on the Global Stage with Cutting-edge Technologies —West Japan Works Brings Its New Converter Online

The Fukuyama District of JFE Steel West Japan Works brought its third converter at the No. 3 steel mill on stream in December 2014. Boasting a cutting-edge system for the preliminary treatment of molten pig iron, the converter has enabled a considerable reduction in resource and energy consumption. Looking ahead, we will aggressively take on the challenge of developing new technologies to further improve our manufacturing processes.

East Japan Works Surpasses 100 Million Tons Cumulative Crude Steel Output

JFE Steel East Japan Works comprises vast steel-making facilities located on both the west and east shores of Tokyo Bay. In May 2015, the works' cumulative crude steel output surpassed 100 million tons. To accommodate diverse customer needs, JFE's reduced-impact, technologically advanced urban steelworks provide stable supplies of highly value-added products offering superior functionality.



Bridging Islands to Link Aspirations

The 3,540-meter Irabu-Ohashi Bridge, Japan's longest road bridge, connects Irabujima and Miyakojima islands of Okinawa Prefecture. A huge girder measuring 140 meters and weighing 1,300 tons was fabricated at the Tsu Works and installed in only one day. The structure is yet another example of the outstanding bridge-construction technologies that JFE Engineering has developed for projects worldwide.





Helping to Reconstruct and Revitalize Fukushima

JEF Engineering continues to treat waste and decontaminated debris caused by the 2011 tsunami disaster in four locations of Fukushima Prefecture. Leveraging extensive expertise and know-how for safe, smooth and prompt execution, the company aims to complete its incineration and bulk reduction of waste and debris by June 2019. The JFE Group continues to focus technological strengths on helping people in the disaster-stricken areas to reconstruct their communities as quickly as possible.

Project: Waste treatment (bulk reduction) in Minamisoma City contamination zone in fiscal 2014
Outsourcer: Fukushima Office for Environmental Restoration, Tohoku Regional Environmental Office, Ministry of the Environment
Photo: Treatment facility in Odaka-Ku, Minamisoma City, Fukushima Prefecture (March 24, 2015)

Full-scale Entry into North America's Steel Pipe Market

In December 2014, JFE Shoji Trade acquired U.S.-based Kelly Pipe Co., LLC, a major steel pipe distributor founded in 1898. Headquartered in California, Kelly Pipe boasts offices in 21 locations in the U.S. and three others in Canada, the U.K. and Colombia, in addition to 45 external warehouses. JFE Shoji Trade is combining its trade functions and global business network with Kelly Pipe's wide-ranging product lineup and nationwide sales network. The acquisition is another way that JFE Shoji Trade is expanding its product lineup and boosting sales of steel products manufactured by various domestic and overseas mills.



VLCC Laden with Cutting-edge Technologies

Eneos Ocean is the first in JMU's new series of very large crude oil carriers (VLCCs) built at the Kure Shipyard. Longer than a conventional VLCC to take advantage of eased port-traffic regulations, the vessel has been optimally engineered for eco-friendly, cost-effective operation. In addition to cutting-edge hull-analysis technologies, several energy-saving devices in the stern complement the ship's main, state-of-the-art, electronically controlled main engine, which is compliant with stricter second-phase International Maritime Organization NOx emissions regulations.





More Diverse Human Resources Bolster Manufacturing Frontlines

JFE promotes workforce diversity to ensure that its workplaces enable each employee to realize their full potential and achieve success regardless of gender or nationality. Diversity initiatives led to JFE receiving its second “Nadeshiko” designation, which is awarded to listed companies that have excellent track records in facilitating career development for female employees. The program is sponsored by Japan’s Ministry of Economy, Trade and Industry and the Tokyo Stock Exchange. JFE also received the designation in fiscal 2014.

