

Press Release: Shell ECC Ethylene Cracker Complex Project

CB&I Completes Construction of Shell Ethylene Cracker Complex in Singapore

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THE WOODLANDS, Texas--(BUSINESS WIRE)--CB&I (NYSE: CBI) announced that the ethylene cracker project in Singapore has been successfully started up, producing on-specification ethylene and propylene. The cracker complex is owned and operated by Shell Eastern Petroleum Ltd and is an integral component of the Shell Eastern Petrochemicals Complex project in Singapore, which comprises modifications to the existing Bukom Refinery as well as the building of a new world scale mono-ethylene glycol (MEG) plant on Jurong island.

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The 800,000 tonnes per annum (tpa) cracker increases Singapore’s ethylene capacity by 40 percent while also producing 450,000 tpa of propylene, 230,000 tpa of benzene and 155,000 tpa of butadiene. The ethylene cracker uses Lummus Technology proprietary ethylene cracking technology, and the butadiene extraction unit uses proprietary technology from BASF/Lummus Technology.

CB&I, in a joint venture with Toyo Engineering Corporation, completed the engineering, procurement and construction of the cracker complex. During the course of this project, employees achieved over 39 million work-hours without a lost-time incident, a world-class safety achievement. More than 12,000 workers were employed at the peak of construction, and a ferry line was commissioned to provide transport each day from mainland Singapore to the complex on Bukom Island, approximately eight kilometers away.

“We are proud to support Shell’s efforts in serving the growing demands of Asia’s chemical markets,” said Philip K. Asherman, CB&I’s President and CEO. “The successful completion of this project further demonstrates our unique capability to draw upon our expertise in both the EPC and proprietary licensed technology markets. In addition, our safety achievement is particularly remarkable given the complex logistics that were required to execute this project.”

Source: Businesswire