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ExxonMobil Awards FLEXICOKING™ Technology License to Sinochem Hongrun Petrochemical Co. Ltd.

- Proprietary technology designed to minimize capital investment and energy imports while providing significant environmental benefits
- Project targeted to start in 2020
- The sixth new FLEXICOKING unit licensed in seven years

HOUSTON - [ExxonMobil Catalysts and Licensing LLC](#) today announced an agreement with Sinochem Hongrun Petrochemical Co. Limited, to license ExxonMobil's [FLEXICOKING™ technology](#) to build a resid upgrading unit at Sinochem Hongrun's High-End Chemical Park located in Binhai Economic-Technological Development Area, Weifang City, Shandong Province, People's Republic of China.

This grassroots unit will process about 1.2 million metric tons of vacuum residue feedstock per year and enable Sinochem Hongrun to produce high quality liquid products including clean transportation fuels and chemical feedstocks as well as clean-burning fuel gas. The project is currently in the engineering design phase and targeted for start-up in 2020.

"ExxonMobil's FLEXICOKING technology offers greater flexibility than conventional delayed coking," said Chris Birdsall, president of ExxonMobil Catalysts and Licensing LLC. "The application of FLEXICOKING technology will help the Sinochem Hongrun refinery optimize resid upgrading by minimizing capital investment and energy consumption."

The process technology also provides significant environmental advantages by eliminating open air coke handling and coal transportation and reducing fired heater emissions due to the clean-burning fuel gas produced by the FLEXICOKING unit.

ExxonMobil's FLEXICOKING technology is a commercially proven, continuous fluid-bed technology that thermally converts heavy oils – such as vacuum resid, oil sands bitumen, deasphalter bottoms and FCC bottoms – to lighter, more valuable products. By integrating fluid coking with air-steam gasification, FLEXICOKING technology substantially eliminates petroleum coke production while providing a clean fuel gas. As a result, the process offers comparatively greater flexibility when upgrading residuum.

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About ExxonMobil Catalysts and Licensing LLC

ExxonMobil's cutting-edge proprietary catalysts and advantaged process technologies help refiners and petrochemical manufacturers increase capacity, lower costs, improve margins, reduce emissions and operate safe, reliable and efficient facilities. Ready for better results across your refining, gas and chemical needs? [View our video](#)

About Sinochem Hongrun Petrochemical Co. LTD

Sinochem Hongrun Petrochemical Co., Ltd. is engaged in refining and petrochemical producing owning the producing license awarded by the state. We have won the honors of National Best Enterprises in both Contract Performing and Credit, National Top 100 Petrochemical Companies, Shandong Top 100 Largest Enterprises, and Leading Enterprises of Weifang.

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