

Case 2 China - Kazakhstan Natural Gas Trading

The Central Asian natural gas pipelines A/B, C from Kazakhstan enter China boarder through Xinjiang Horgos Port, it connects Turkmenistan, Uzbekistan Kazakhstan and China as an energy corridor on the ancient silk road, bridging the rich natural resources of Central Asia and huge market of China.

As of 1st August, 2015 a total volume of 116.8 billion m³ natural gas has been transported to China, benefited over 500 million people in 25 Chinese provinces, municipalities, and Hong Kong SAR. At present another Central Asian natural gas pipeline "D" will be initiated to build and put into operation during the "Fifteenth Five-Year Plan" time scale from 2016-2020 as a key part of the strategy "Silk Road of Energy", enabling gas transportation capability of 85 billion m³ per year after the line D reach to the capacity, strongly supporting the China energy infrastructure.

The international bulk trading such as natural gas requires accurate and mutual recognized flow measurement. The Central Asian Natural Gas Pipeline Ltd and the Kazakhstan Institute of Metrology" (RSE "KazInMetr") fully accept the CMCs of the National Institute of Metrology (NIM),China based on the CIPM MRA, NIM has been providing on-site testing services to the Central Asian Natural Gas Horgos Port Testing Station since 2010, tested over 300 equipments include flow calculators, temperature transmitters, pressure transmitters etc., ensured the implementation of international trade settlement of natural gas.

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