

Customer Success Story:

Kazakhstan China Pipeline



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Customer
KCP LLC

Industry
Energy

Region
EMEA

Intertek Solutions
Site Construction Support
Technical Inspection

The 1,860 mile Kazakhstan–China oil pipeline is exporting oil from Kazakhstan’s oil fields in the Atkobe region to Alashankou in China’s northwestern Xinjiang region. Pipeline construction took place in three phases - the first stage of the second phase runs from Kenkiyak to Kumkol Kazakhstan.



The Project

During construction of the pipeline’s first stage of the second phase, running from Kenkiyak to Kumkol Kazakhstan, Intertek Moody was contracted for third party inspection of 794,147 km of 813 mm 32” X60, API 5L pipe as well as other critical site construction services.

Services rendered included pipemill inspections in Russia, China and Ukraine; pipe acceptance at four railway stations at site; vendor inspections in China, Russia, Europe and the USA. Also provided was pipeline construction inspection and monitoring which included welding inspection (welding procedure qualification tests, welders qualification tests); civil works inspection; inspection of coating of welds at site; pipe traceability; HAZOP (hazard and operability study); inspection of hydrostatic test and commissioning; inspection of power supply; instrumentation and communication works - all in accordance with our client’s project requirements.

Although the main line has been completed and oil is being delivered to China, the project continues with the construction of additional pump stations as well as repairs to existing pump stations. Overhead power supply inspections continue, and an access/ services road from Atasu to Alanashanko will be laid in 2012.

A potential challenge for any pipeline project is oil spill response. With this in mind, Intertek Moody participated in oil spill response meetings - lending knowledge and confirming availability of services if needed.

Customers experience many benefits from the utilization of site construction support and technical inspection services. Some of those sought-after benefits include increased efficiency, quality control, risk reduction, improved project performance, and local expertise and communications.

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