

Project



Renewal of a DN 250 gas siphon pipeline under the Vistula River in Krakow, Poland

Situation:

Polska Spółka Gazownictwa (PSG), the largest distributor of natural gas in Poland, was confronted with the modernization of a gas siphon pipeline DN 250 running under the Vistula River in the center of Krakow, the second largest city of Poland. The Polish gas specialist Górno i ski Zakład Obsługi Gazownictwa (GZOG) was entrusted with the installation of the trenchless rehabilitation system Primus Line®, as the shipping traffic on the river could not be disturbed and traditional repair methods or new build was therefore not an option. GZOG had to set up dry excavation pits, only one meter away from the river shore. After this the pipeline was inspected and cleaned with a cutter to smoothen the inner surface of the pipeline and monitoring pipes were installed. The installation of the Primus Line® system was then performed within only 10 hours. Subsequently, a pressure test with 10 bar air pressure was successfully completed and the renewed section could be connected to the existing pipeline system.

Technical Details

Transported Medium:	Natural Gas
Host Pipe Diameter:	DN 250
Host Pipe Material:	Steel
Operating Pressure:	5 bar
Primus Line® System:	DN 250 PN 19
Total Length:	150 m

Client:

Polska Spółka Gazownictwa (PSG), Poland

Construction:

June 2016

