



THE FIRST CORSYS ARM PIPELINE IN KAZAKHSTAN

Renovation of the sewer networks is in process in Kostanay, at Frolov Street from Baimagambetova Street to KNS-3 pumping station. Balkhash Trubomontazh LLC is providing the replacement of worn reinforced concrete pipes.

The pipelines go through the central part of the city at the laying depth from 5 to 8 meters and provide water dis-

posal for the major part of Kosta-nay. It has been decided to use CORSYS ARM SN16 corrugated PE pipes reinforced with steel profile due to the importance of the project. The design of these pipes ensures high corrosion resistance, durability and great hydraulic properties with high ring stiffness of steel. All these properties relate to the pipes up to 2.4 meters in diameter.

The pipes produced by Klimovsk Pipe Plant, 1323 metres of pipes of 1200 mm and 325 metres of 1400 mm, were delivered to Kostanay at the end of June for the main sewer.

Since it was the first application of CORSYS ARM in Kazakhstan, STZ Arys-tan Trade House LLC invited specialists from the POLYPLASTIC Group Training Centre for pipeline installation.

Specialists from the Training Centre and the representatives of Balkhash Trubomontazh provided incoming pipe control, checked equipment required for installation, told about storage and transportation of CORSYS ARM pipes, gave instructions on how to use manual extruder and gas torch. They described all features of the installation process during the welding of the first joint. The next joint was welded by both teams.

The specialists from Balkhash Trubomontazh LLC have learned to weld CORSYS ARM pipes and made tree joints. The specialists from Training Centre checked the quality of the joints and did not observe any failures.

All works were provided above ground because the trench was not ready. The features of CORSYS ARM pipes installation were covered in another lecture.

As a result of the supervised works the act was signed by the representative from the customer, supplier and the Training Centre. The main result of these three days was the confidence that all works at this highly important project in Kostanay will be done professionally and in a quality manner.

Due to high interest in such unique pipes in Kazakhstan, the production technology and joining of which was developed by POLYPLASTIC Group, the decision has been made to deploy the first line for 1600 mm pipes at Arystan, Stepnogorsk Pipe Plant. CORSYS ARM will be produced in Kazakhstan from spring 2015. This will reduce the cost of transportation to Kazakhstan and will ensure high Kazakhstani content of the product which is favourable when designing and constructing of major pipelines in the Republic of Kazakhstan.

