

## OVER 400 METRES OF THE MAIN SEWER PIPELINE IN NABEREZHNYE CHELNY REPLACED



Specialists at Chelnyvodokanal have completed the renovation of two sections of the main sewer pipeline planned for this year. The total length of replaced pipeline in 58–59 areas of the new city and Zhukova street in the ZYaB township is 435 metres.

This pipeline is 18 km long and over 40 years old. Chelnyvodokanal has repaired 2.19 km since 2008 using its own funding of 188.1 million roubles. The works are all done by the company. They have tried a number of renovation techniques and chose the trenchless technology method of slip-lining PE pipes into the existing pipeline. According to Maxim Smirnovskiy, Supervisor, the works are done live without disconnecting the pipeline as there are no other sewer pipelines available. It is rather dangerous to work in these conditions, but the consumers are using the sewer without any disruptions.

The new PE pipeline will be reinforced with concrete before the beautification process starts. The works are expected to be completed in mid-July.

Source: chelny-izvest.ru

## ELECTROCOR PIPES ADOPT EUROPEAN STANDARD



POLYPLASTIC Group has begun production of ELECTROCOR pipes in compliance with TU 2248-028-73011750-2015 specifications and according to the new requirements of the International Electrotechnical Commission for standardisation of electrical, electronic and related technologies, GOST R IEC 61386.1-2014 and GOST R IEC 61386.24-2014 (and similar EN European Standards).

The latest GOST R IEC 61386.1-2014 and GOST R IEC 61386.24-2014 technical specifications adopt a new set of tests: appearance, compression resistance at 5% deformation, impact resistance at  $-5^{\circ}\text{C}$ , bending resistance, electrical strength, solids and water resistance at pipe joints, and insulating resistance.

Pipes are now classified by resistance to compression, bending and impact – unlike TU 2248-028-73011750-2013 where non-pressure sewer pipes are classified by hoop strength SN.

Traditionally, POLYPLASTIC Group produced cable protection pipes in red. We have now adopted inner layer colour-coding which provides a visual indicator of their resistance to compression, bending and impact i.e. blue (1250 N), yellow (750 N) and white (450 N).

The latest technical specifications also provide the ability to manufacture pipes in coils with pre-installed pulling wire (pipes in sections are not equipped with the wire) which is used for manual insertion of cables weighting up to 1500 kg.

Source: Press-Service of POLYPLASTIC Group