

CASE STUDY

Prague Water - UltraGrip Amplified

Viking Johnson has supplied UltraGrip couplings with flange adaptors to a key channel partner TRAN-SIG-MA. This is a refurbishment project of a pipeline network in Jeremiasova Street, in central Prague for the largest water and wastewater utility company in the Czech Republic, Prague Water. This water main is a critical city artery serving 85,000 people from a water storage station based outside the city, in Kopanina.

The project was complex and involved renewal of an existing DN800 steel water main pipeline by replacing a section with new ductile iron pipework, plus upgrading of an old existing gate valve with a new eccentric butterfly valve, to have better control of fluid flow, as well as adding in new hydrants to the system, connecting to a DN600 pipeline.

UltraGrip was the ideal in this situation as it was also able to cope with misalignment of the DN800 steel pipe which had an angular deflection of about 5 degrees and easily met the pressure requirements of 8 bar and can be fitted to a wide variety of pipe materials.



UltraGrip[®]

SECTOR

Pipeline renewal and upgrade

LOCATION

Prague 13, Jeremiasova Street

CLIENT / END USER

Prague Water

DISTRIBUTOR

TRAN-SIG-MA

SPECIFICATION

2 x UltraGrip Amplified Flange Adaptors DN800
1 x UltraGrip Amplified Coupling DN800
2 x UltraGrip Flange Adaptors DN300



Viking Johnson (part of Crane BS &U) manufactures couplings, flange adaptors and associated fittings for the Utilities industries. Viking Johnson cannot make recommendations regarding the pipeline design, which includes all components, intended operational substances, introduced chemical species and materials. Any comments made by Viking Johnson regarding product compatibility apply only to Viking Johnson's product range.