

A Customized Solution for Tanvald

HOBAS® GRP Pipes for Hydropower Plants in the Czech Republic

In 2011, HOBAS Czech Republic started cooperating with Kredit Centrum s.r.o., a Czech company that operates several hydropower plants throughout the country. That same year this partnership resulted in a first order: HOBAS Pipes were installed for two hydropower plants in the town Tanvald.

Working very closely with the designers of the projects the technical department of HOBAS CZ slightly modified the original idea to make full use of the advantages HOBAS Pipes offer: angular cut shorter pipe elements of 2 and 3 meter length enabled the construction company to closely follow the route originally planned by the client. HOBAS Experts prepared a detailed layout plan to facilitate installation. To cope with the high ground-water level on site geotextiles were employed and fixed with gravel to secure the pipes and keep them in place.

In total 221 meters of HOBAS Pipes DN 1400, SN 5000, PN 6 were installed open cut: 91 m at one hydropower plant and 130 m at another facility 0.5 km from the first. In both cases, HOBAS Pipes were used to connect the future pipeline to the already existing structure of the hydropower plants. HOBAS Fittings were delivered in addition to the pipes.

The client was very satisfied with the technical support prior to and during installation of the HOBAS Pipes; the installation was fast and went smoothly.

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Year of construction
2011

Total length of pipe
221 m

Diameter
DN 1400

Pressure class
PN 6

Stiffness class
SN 5000

Installation method
Open trench

Client
Kredit Centrum s.r.o.

Constructor
Kredit Centrum s.r.o.

Advantages
Long life service, leak tightness, technical support, custom-made solutions

