Reference datasheet >Energy Grids<



EVH GmbH

Client
EVH GmbH

Construction time
10/2020 - 12/2020

Order value net
600,000 €

Contractor
FRIEDRICH VORWERK SE & Co. KG

Own work
Civil engineering with production of slide rail shoring Pipeline construction DN 200 DP 16 KKS plants Pressure testing C3 according to DVGW G 469

Subcontractor services
Spundwandverbau Gesteuerter Rohrvortrieb im Microtunneling- Verfahren nach DWA A 125

Features
Carrying out the work in the sandstone floor in compliance with the schedule and without disrupting the DB railway traffic

Contact
www.friedrich-vorwerk.de

Crossing of railway tracks in the Eierweg area, Halle - crossing of railway line 6051

Friedrich Vorwerk SE & Co. KG has been commissioned by Energieversorgung Halle GmbH to lay a new of a DN 200 DP 16 high-pressure gas pipeline in preparation in preparation for a later replacement of the existing existing high-pressure gas pipeline DN 200 St DP 16 in the area of the crossing with the railway.
The work was carried out together with the replacement of the railway bridge by the city of Halle (Saale). railway bridge by the city of Halle (Saale). The crossing of the railway line was carried out using microtunnelling with flushing according to DWA A 125- in the nominal width 500. The choice of the nominal width was based on the The choice of the nominal width was based on the ground conditions cf. BKl 6-7. The AVN 400 machine used for the mirco-tunnelling was equipped with a rock drilling head. 400 used for the mirco-tunnelling was equipped with a rock drilling head. The steel protective pipe jacking was carried out with the pipe material 508 x 14.2 mm; P 235TR1/TR2 according to DIN EN 10217-1, PEv coating and GRP jacket. The controllable DN 500 microtunnelling system with flushing conveyor, directly driven directly driven excavation tool, integrated crusher fluid-supported working face, led the steel pipe steel pipe jacking through the sandstone, through the sandstone.
After removal of the protective pipe and the pre-laying of the laying of the new service pipe, with the pipe material DN 200 pipe material (219.1 x 6.3 mm; L 245 N PSL1 in accordance with DIN EN ISO 3183), the C3 pressure test was pressure test C3 was carried out and the the pipeline section was handed over to the operator.