



ONTRAS Gastransport GmbH

Client

ONTRAS Gastransport GmbH

Construction time

04/2019 - 04/2019

Order value net

2,500,000 €

Contractor

FRIEDRICH VORWERK SE & Co. KG

Own work

Civil engineering and pipeline construction
Relocation FGL 303.01 DN 600 approx. 65m
Relocation of FGL 306 DN 1100 approx. 75m
DÜG DN 800, partly above ground Construction of station area surfaces Approx. 1200 m³ concrete paving

Contactwww.friedrich-vorwerk.de

Extension of the pressure stage transition (DÜG) Börnicke

GASCADE planned the construction of the new EUGAL gas pipeline with two strings in the nominal width DN 1400 DP 100, parallel to the existing OPAL pipeline. Via the Kienbaum and Groß Körös transfer stations, gas is to be increasingly transported via the network of ONTRAS Gastransport GmbH (hereinafter ONTRAS) to the south and west.

In order to increase the transport capacity, the expansion of the existing pressure level crossing (DÜG) Börnicke to a two-rail regulated DÜG with a capacity of at least with a capacity of at least 2.16 million Nm³/h including pressure protection for the FGL 303/FGL 303.01 with a MOP 84 bar is planned. The new DÜG line to be constructed is to be designed in such a way that it can handle of 2.16 million Nm³/h alone.

The new DÜG line 2 (FGL 306.03) consists in flow direction: DN 800 inlet fitting; safety shut-off device, start-up strainer, regulator, outlet fitting and insulating piece.

As part of the implementation of the measures, the installation of an of an insulating piece into the existing FGL 303.01 is to be planned.