

March 2011

PipeLine

Contents

1 | "Congratulations and thanks for the great support!", RO

3 | HOBAS® Products and the Chemical Industry – a Permanent Bond

"Congratulations and thanks for the great support!"

HOBAS® SewerLine® Sliplining in Romania

Located near Ploiesti City in the south-east of Romania, Petrobrazî Refinery is one of the country's largest. The industrial region in which it lies is highly developed and mainly processes national oil and chemical products.

As part of the Austrian oil and gas group OMV, Petrobrazî has been extensively renovating its interior and exterior networks since 2009. Rehabilitation works on the sewer were taken up in 2010.

The existing egg-shaped concrete channel was in a bad condition and over-sized for the given amount of sewage. Due to its large cross section it could be renewed by sliplining a circular pipe. The constructor carried out an extensive comparison of available pipe materials and finally opted for a HOBAS CC-GRP Pipe System. Reasons for this were the outstanding technical support and expertise offered by HOBAS as well as the excellent properties of HOBAS Products that economically and technically fulfilled all set requirements. The pipes' high chemical resistance, their easy and fast installation, their tight couplings as well as the excellent hydraulic properties of the mirror-like smooth inner surface were some of the numerous technical advantages that confirmed the investor's choice.

Some of the bends on the S-shaped route of the concrete sewer have a radius of 120 degrees. A HOBAS Pipe Advisor inspected the line, thoroughly analyzing its form and curves. Thanks to well-thought-out calculations,



Year of construction

2010-2011

Total length of pipeline

1,560 m

Diameter

DN 1500

Pressure class

PN 1

Stiffness class

SN 5000

Installation method

Sliplining

Application

SewerLine®

Constructor

Cala SA

Client

Petrom-OMV

Advantages

Corrosion resistance, flexible pipe lengths, light weight, simple installation, excellent hydraulic properties.

the HOBAS Team was able to draw-up a solution for the curves that omitted costly fittings and enabled a flexible installation on site: Short 1 to 3 meter pipe sections with 3° angular cuts were utilized over a length of 36 meters.

The professional support from HOBAS Experts ensured that also the most rigid requirements set by the constructor were met. Calin Dobrea, site manager of the construction company Cala, remarked appreciatively: "We received the last delivery for this project today and I would like to thank HOBAS. The great professional support even exceeded my expectations. Congratulations!"

Fmd: hobas.romania@hobas.com

