



Czech state reserves - construction of product pipeline in tankfarm Hermanuv Mestec

Client:

Union Consulting, s.r.o., Mr. Ivo Pelousek, tankfarm manager

Scope of work:

Basic and detail design, engineering, construction of new pipeline, delivery of technology and control system for the pipeline

Period:

February 2009 to December 2009

Project details:

The main role of the tankfarm Hermanuv Mestec is to keep strategic state reserves of petroleum products for the Czech republic. The tankfarm is divided into 2 parts situated in 2 nearby valleys. The new pipeline connected the 2 parts and replaced old defective pipeline. The new pipeline consists of 4 parallel lines DN200, 2 terminal units and 1 intermediate valve chamber. The length is 2,4 km. In each terminal unit are located pig chambers, in the valve chamber are valves for possible deaeration of the pipeline. The pipeline is used for petroleum products including JET-A1. The scope of supply was EPC construction of the pipeline and included: detail design, ground works, and laying of the pipes underground, construction of the terminal units and valve chamber, modernisation of the pumping station, automation and control system and its integration into existing control system of the tankfarm, electric power supply, leak detection system, cathodic protection, video surveillance system, fire detection system and security system. The job was specific due to local conditions – different ground (rock, stone, soft ground), steep hills, enclosed protected deer hunting area.

