

BUTINGE OIL TERMINAL PROJECT



Project Description: Construction of an Oil Terminal consisting of a Tankfarm, Terminal, Onshore and Offshore Pipeline.

Scope of work: General Contractor for the construction of the Oil Terminal and supplier of the Line Pipes 22" and 36" incl. insulation and coating.

Contractor: PPS Pipeline Systems UAB, Lithuania
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Client: AB Mazeikiu Nafta (former Butinges Nafta Joint Stock Company)

Butinge Oil Terminal Project - Tankfarm



<u>Tank No.</u>	<u>Description</u>	<u>Capacity</u>
TK-101	Crude Oil Storage Tank	50.000 m ³
TK-102	Crude Oil Storage Tank	50.000 m ³
TK-103	Crude Oil Storage Tank	50.000 m ³
TK-501	Boiler Fuel Diesel Day Tank	2.500 m ³
TK-801	Boiler Feedwater Storage Tank	1.350 m ³
TK-815	Slop Oil Tank	2.500 m ³

Scope of work:

Engineering, Procurement and Construction of the tanks including foundation and leak detection system, etc.

- Engineering
- Commercial handling
- Prefabrication
- Testing / Supervision
- QA / QC
- Project Management
- Cathodic Protection

Butinge Oil Terminal Project - Terminal



The Terminal mainly consists of a pumping station, interconnecting pipework (underground / sleeper), fire fighting system, wastewater treatment plant, etc.

Scope of work:

- Commercial handling
- Detail engineering
- Field erection
- Inspection / Supervision
- QA/QC
- Project Management
- Cathodic Protection
- SCADA System

Butinge Oil Terminal Project - Onshore Pipeline



The 22" Onshore Pipeline connects the Mazeikiai Refinery Pumpstation with the Butinge Oil Terminal. The total length is 91,6 km.

2,2 km 36" Crude Oil Pipeline connects the Butinge Oil Terminal with the shore-line. A Fiber Optic cable was layed for the total length of the pipeline.

Scope of work:

- Commercial handling
- Engineering
- Pipeline Construction
- Inspection / Supervision
- QA / QC
- Project Management
- Impressed current cathodic protection system

Butinge Oil Terminal Project - Offshore Pipeline



The 36" concrete weighted Offshore pipeline connects the terminal facilities and the crude oil SPM. With a total length of approximately 7,5 km the pipeline is located in the Baltic Sea in 20 meters depth.

Scope of work:

- Commercial handling
- Engineering
- Pipeline construction
- Installation of the SPM and PLEM
- Inspection and Supervision
- QA / QC
- Project Management
- Sacrificial anode cathodic protection system