



RECONSTRUCTION OF LUKOIL BOURGAS RAILWAY TERMINAL

Client:

Mr. Nikolai Gochev, Head of Modernization And Innovation Dept

Scope of work:

Additive dosing and reconstruction of measuring system

Period:

2008, 2011



System for coloring of fuels utilizes skid-mounted philosophy. The most equipment – storage tanks, pumps, instruments etc. were preassembled in a container to shorten and simplify the works on site and to improve working conditions. Only the injection units are installed outside the container – next to the product pipeline.

Dosing units are equipped with precise proportional dosing valves that ensure exact flow control even if flow rates are very small. Additional shut-off valves improve protection against cross-contamination of products.



A new mass flow measuring and supervising TAMAS systems were installed in connection with adoption of the European Measuring Instruments Directive (MID) and requirements by local authorities regarding data collection from custody transfer systems. Special attention was paid to details of metrological system not limited to indication of liquid substance at the transfer point. Dispatching system ensures import and handling of loading schedules, their assignment with amounts of really loaded and unloaded products, and export to company information system.