

Sensors & Liquid Level Switches

Reference list



“LUKoil” Marine Terminal RP-II

Vysotsk, Leningrad region, Russia

Loading alarm of petrochemicals on railway loading rack of the RP-II tank farm.
Loading control and alarm in railway tanks on the loading rack.

Installed equipment:

176 x UTS Ultrasonic Liquid Level Switches



“Komsomolsk-na-Amure” Oil Refinery Plant

Komsomolsk-na-Amure, Khabarovsk region, Russia

Customer: Rosneft, Russia

Number of tanks: 12

Controlled parameters: emergency level control

Loading level alarm in 12 control points.

Installed equipment:

12 - UTS Ultrasonic Liquid Level Switches

TSS/Alarm - Level Alarm Monitoring System with visual and sound overfill alarm



Tank Farm of “Pulkovo” Airport Fuelling Complex

St.Petersburg, Russia

Customer: JSC “Soveks”

Number of Tanks: 8

Controlled Parameters: level measurement in aviation fuel tanks, emergency level alarm, automatic pressure level regulation in the pipelines of the Centralized Aircraft Refuelling System(CARS), pump and valve control.

Moderization of the Centralized Aircraft Refuelling System (CARS)

Installed equipment:

8 x UTS Ultrasonic Liquid Level Switches

8 x Level sensors

Alarm system of critical fill level

Remote level control system

Control System of the Centralized Aircraft Refuelling System (CARS) and pressure level regulation in pipelines



Commodity and Raw Materials Base for LPG

Kirishi, Leningrad region, Russia

Customer: Surgutneftegas Ltd. / Kirishinefteorgsintez Ltd.

Number of tanks: 28

Controlled Parameters: level measurement, emergency level alarm

Media: liquefied propane/butane, liquefied isobutane, liquefied butane, liquefied pentane, liquefied isopentane

Level measurement system

Installed equipment:

31 - UTS Ultrasonic Liquid Level Switches



Gas Fractionation Unit

Kirishi, Leningrad region, Russia

Customer: Surgutneftegas Ltd. / Kirishinefteorgsintez Ltd.

Number of Tanks: 24

Controlled Parameters: level measurement, emergency fill level alarms

Media: liquefied gas - propane/butane

Level measurement system in the tank bullets of Gas Fractional Unit

Installed equipment:

24 x TGD-L Non-contact level sensors

24 x UTS Ultrasonic Liquid Level Switches

2 x Operator stations



Sulphuric Acid Production Plant

Kirishi, Leningrad region, Russia

Customer: Surgutneftegas Ltd. / Kirishinefteorgsintez Ltd.

Number of tanks: 14

Controlled Parameters: level measurement, emergency level alarm

Media: sulphuric acid, oleum, acid sludge

Level alarm and measurement in storage tanks of sulphuric acid

Installed equipment:

14 - UTS Ultrasonic Liquid Level Switches



Sulphuric Acid Storage Tank Farm

Kirishi, Leningrad region, Russia

Customer: Surgutneftegas Ltd. / Kirishinefteorgsintez Ltd.

Number of Tanks: 22

Controlled Parameters: level measurement, emergency fill level alarm

Media: concentrated sulphuric acid, alkali, ammonia liquor, foaming agent

Level measurement and level control system in tanks

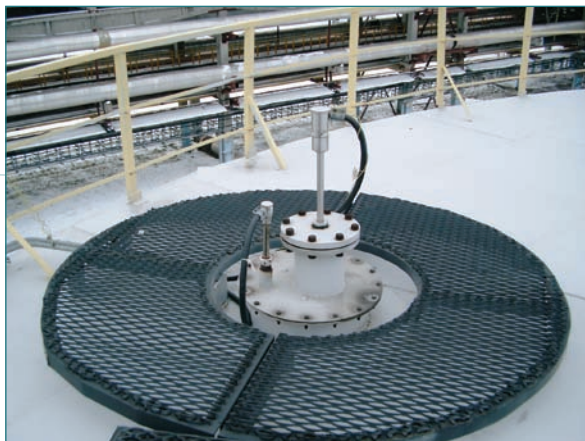
Installed equipment:

44 x TGD-L Non-contact level sensors

22 x UTS Ultrasonic Liquid Level Switches

2 x Operator stations

1 x LTS Local Technological Station



Dark Fuel Mixing Farm

Kirishi, Leningrad region, Russia

Customer: Surgutneftegas Ltd. / Kirishinefteorgsintez Ltd.

Number of tanks: 20

Controlled Parameters: level measurement, emergency level alarm

Media: fuel oil, diesel fuel, vacuum gas oil, atmospheric gas oil

Level measurement and level control system in tanks

Installed equipment:

20 x TGD-L Non-contact level sensors

20 x UTS Ultrasonic Liquid Level Switches

2 x Operator stations



Effluent Treatment Facility

Kirishi, Leningrad region, Russia

Customer: Surgutneftegas Ltd. / Kirishinefteorgsintez Ltd.

Number of Tanks: 10

Controlled Parameters: level measurement, emergency fill level alarms

Media: oily waste water, service water, oil

Level measurement and level control system in tanks

Installed equipment:

10 x TGD-L Non-contact level sensors

10 x UTS Ultrasonic Liquid Level Switches

1 x Operator station

1 x LTS Local Technological Station



LAB-LABS Tank Farm

Kirishi, Leningrad region, Russia

Customer: Surgutneftegas Ltd. / Kirishinefteorgsintez Ltd.

Number of tanks: 21

Controlled Parameters: level measurement

Media: alkylete, Linear Alkyl Benzene (LAB), Linear Alkyl Benzene Sulfonate (LABS)

Level and temperature measurement control system in tanks

Installed equipment:

21 x TGD-L Non-contact level sensors

21 x TGD-T Multipoint Temperature Transmitter, 6, 9 and 12 control points



Light Fuel Mixing Farm

Kirishi, Leningrad region, Russia

Customer: Surgutneftegas Ltd. / Kirishinefteorgsintez Ltd.

Number of Tanks: 47

Controlled Parameters: level measurement, temperature measurement in 12 points, emergency level alarm

Media: benzine, kerosene diesel fuel, fuel 251, isopentane, isomerizate

Level and temperature measurement and control system in tanks

Installed equipment:

47 x TGD-L Non-contact level sensors

47 x TGD-T Multipoint Temperature Transmitter, 12 control points

63 x UTS Ultrasonic Liquid Level Switches



Commodity and Raw Materials Base "Parex"

Kirishi, Leningrad region, Russia

Customer: Surgutneftegas Ltd. / Kirishinefteorgsintez Ltd.

Number of tanks: 13

Controlled Parameters: level measurement, temperature measurement in 1 point, emergency level alarm, pump control

Media: liquid paraffine, toluene, solvent

Level measurement and pumps control system in tanks

Installed equipment:

13 x TGD-L Non-contact level sensors

13 x UTS Ultrasonic Liquid Level Switches

2 x Operator stations

1 x LTS Local Technological Station

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in full control

API Industry supplies complete range of sensors for accurate measurement within oil & gas, energy production, food & beverages, pharmaceuticals, water & wastewater, pulp & paper, marine & offshore industries.

