

**JSC "Novoshakhtinsky Zavod Nefteproduktov"
(NZNP)**

2023

Name of works:

Production Capacities Improvement Roadmap Update, OJSC
"Novoshakhtinsky Zavod Nefteproduktov"

Current status:

LLC JUNIX

2023

Name of works:

Development of Production Process Basis of Design for preparation
of the Project and Detailed Design Engineering Packages "LPG
Treatment Unit. Area 8300" within the Complex of Facilities:
"Construction of Delayed Coking Unit Complex"

Current status:

LLC JUNIX

2023

Name of works:

Development of Production Process Basis of Design for preparation
of the Project and Detailed Design Engineering Packages "Delayed
Coking Unit. Area 8100" within the Complex of Facilities:
"Construction of Delayed Coking Unit Complex"

Current status:

LLC JUNIX

2023

Name of works:

Development of Production Process Basis of Design for preparation of the Project and Detailed Design Engineering Packages "Hydrogen Production Unit. Area 6100" within the Complex of Facilities: "Construction of Diesel Fuel Dewaxing Complex"

Current status:

LLC JUNIX

2023

Name of works:

Development of Production Process Basis of Design for preparation of the Project and Detailed Design Engineering Packages "Sulphur Recovery Unit. Areas 7100, 7200, 7300, 7400, 7500, 7700" within the Complex of Facilities: "Construction of Diesel Fuel Dewaxing Complex"

Current status:

LLC JUNIX

2023

Name of works:

Development of Production Process Basis of Design for preparation of the Project and Detailed Design Engineering Packages "Diesel Fuel Dewaxing Unit" within the Complex of Facilities: "Construction of Diesel Fuel Dewaxing Complex"

Current status:

PJSC "Surgutneftegaz"

2023

Name of works:

Documentation development for "Technical Upgrading of Gas Compression and Processing Units No. 1, 2". Technical Upgrading. Gas Processing Area.

Current status:

PJSC "Tatneft"

2023

Name of works:

"Gas Treatment Unit as part of Desulfurization and Solidification Unit, UI&O Facilities" for the project "Reconstruction of the Installed Boiler Units TGME-464 of Nizhnekamsk CHPP for the Combustion of Petroleum Coke in the Form of Dust from the Delayed Coking Unit of JSC "TANECO"

Current status:

LLC "KINEF"

2023

Name of works:

Engineering Design Package for "Facility No. 2. Bitumen Unit 19/10. Technical Upgrading with Partial Replacement of Equipment.

Current status:

LLC "KINEF"

2023

Name of works:

Retrofitting with Partial Replacement of Equipment. LCh-35-11/1000.

Current status:

LLC "NOVATEK-Ust-Luga"

2023

Name of works:

Design Engineering and Survey Works for Hydrocracker Complex (1-4 stages)

Current status:

JSC "Gazpromneft - Omsk Refinery"

2023

Name of works:

Feasibility Study Services for Petrochemicals Complex Project (final stage)

Current status:

PJSC "Tatneft"

2022

Name of works:

Facility BTS development - Aromatics Production Complex -2 with Off-Site Facilities. Oil Refineries and Petrochemical Plants Complex, JSC TANEKO".

Current status:

LLC "KINEF"

2022

Name of works:

Technical Upgrading of Production Facility No.4 with decommissioning of Unit L-35-11/600 and tank farm of Unit L-35-11/600

Current status:

LLC "KINEF"

2022

Name of works:

Production Facility No. 47. Feed and Product Department
Construction of the a/g oil pipeline for the crude oil tank farms

Current status:

JSC "NefteChimService"

2021

Name of works:

Combined Straight-Run Naphtha Processing Unit UK-1

Current status:

LLC KNGK-INPZ**2021****Name of works:**

Technical auditing for the Project "Modernization of LLC "KNGK-INPZ" including connection of the Refinery to the mains of PJSC "Transneft", reconstruction of the ORF (oil receiving facility), construction of a railway rack, tank farm No. 6, ELOU-AT-6 Unit , 1, 520 TTA MGAPC (Motor Gasoline and Aromatics Production Complex).

Current status:**LLC "Neftemashstroy"****2021****Name of works:**

Development of Engineering Design for Heaters П-101, П-102, П-103 for Naphtha Hydrotreater AO "Novoshakhtinsky Zavod Nefteproduktov" (NZNP)

Current status:**LLC "KINEF"****2021****Name of works:**

Feasibility Study for Production Facility No. 7. Isomerization Unit. Feasibility Study. Installation of package for hydrogen chloride absorption from the crude hydrocarbon flow for stabilizing isomerate to return absorbed chlorine to reaction section Technical Upgrading of Shop No.4 with decommissioning of Unit L-35-11/300 and tank farm of Unit L-35-11/300

Current status:

JSC "NefteKhimService".

2021

Name of works:

Project and Detailed Design Engineering Package, order technical support for "Atm Residue and Naphtha Conversion Facilities"

Current status:

**CHINA NATIONAL CHEMICAL ENGINEERING &
CONSTRUCTION CORPORATION SEVEN, LTD. (LLC
CC7)**

2021

Name of works:

Development of key FEED sections for the off-site facilities of "Gas Chemical Complex within Ethane-rich Gas Processing Complex"

Current status:

**CHINA NATIONAL CHEMICAL ENGINEERING &
CONSTRUCTION CORPORATION SEVEN, LTD. (LLC
"CC7")**

2021

Name of works:

Project Design Engineering Packages for construction of "Gas Chemical Complex within Ethane-rich Gas Processing Complex". - Ethane Cracking Units Complex - Ethylene Polymerization Units and Linear Alfa Olefins Units - Off-site Facilities,

Current status:

LLC Voronezh-Aqua

2020

Name of works:

Project Engineering Package "Construction of Waste Water Treatment Facilities, Process Connection to Utilities at OJSC "Novoshakhtinsky Plant of Oil Products".

Current status:

LLC "OMZ-DAELIM"

2020

Name of works:

Project and Detailed Design Engineering Package for: Advanced Oil Refining Complex (AORC), JSC Gazpromneft-ONPZ

Current status:

LLC "MT RUSSIA"

2020

Name of works:

Delayed Coking Unit (DCU) at Omsk Refinery, AO "Gazpromneft-Omsk Refinery". Detailed Design Package

Current status:

LLC "KINEF"

2020

Name of works:

Engineering design package for "Facility No. 4. Unit LCh-35-11/600 Technical Upgrading with Partial Replacement of Equipment.

Current status:

LLC "KINEF"

2020

Name of works:

Detailed Design Engineering Package for "Pump and Diesel Fuel Production Complex Job No. 910-135/1,2" at KINEF, LLC and assistance in bidding for equipment procurement

Current status:

JSC "TAIF-NK"

2020

Name of works:

Design and survey works including the State Expert review of "Project" Documentation and State Ecological Expert review for construction of the new VGO Heater in Facility No. 01, Heavy Residue Processing Complex

Current status:

**AO "Novoshakhtinsky Zavod Nefteproduktov"
(NZNP)**

2020

Name of works:

Development of Production Capacities Development Roadmap, OJSC "Novoshakhtinsky Zavod Nefteproduktov"

Current status:

PJSC "Tatneft named after V.D. Shashin"**2019****Name of works:**

Complex of oil refining and petrochemical plants. Motor gasoline and individual aromatic hydrocarbons production facilities

Current status:**LLC "Severny Kuzbass Refinery"****2019****Name of works:**

Complex of facilities for VR and Naphtha transfer from LLC "Severny Kuzbass Refinery" to Yaya Refinery, affiliate of "JSC "NHS"

Current status:**LLC "KINEF"****2019****Name of works:**

Engineering design package for "Facility No. 7. Revamping of Naphtha High Octane Components Production Complex at KINEF, LLC"

Current status:**LLC "Ilsky Refinery"****2019****Name of works:**

"Project" Design Engineering Package for Motor Gasoline and Aromatics Production Complex at LLC "Ilsky Refinery"

Current status:

LLC “Anzhersk Oil & Gas Company”**2019****Name of works:**

Survey and feasibility study of revamping of "Oil Processing Unit ELOU-AT-800". "Project" and Detailed Design Engineering Packages for Revamping (upgrading) to increase production capacity of Startup Complex V at Anzhersk Refinery". Oil Processing Unit ELOU-AT of 800 KTA crude capacity

Current status:**JSC “Gazpromneft - Omsk Refinery”****2019****Name of works:**

Feasibility study for investments into Job No. "Revamping of PSA at JSC “Gazpromneft Omsk Refinery”

Current status:**CJSC “NefteKhimService”****2019****Name of works:**

“Project” and Detailed Design Engineering Packages for "UK-1 Combined Unit Complex – Straight-Run Naphtha Production Unit and Off-sites at Yaya Refinery"

Current status:

UOP

2018

Name of works:

Detailed Design Engineering Package for CCR Module and catalyst and reduction area piping within Unit UK-1 at Yaya Refinery

Current status:

PJSC "TATNEFT" named after V.D. Shashin

2018

Name of works:

"Project" and Detailed Design Engineering Packages for Aromatics Production Complex at JSC "Tatneft". Detailed Design Engineering Package, including: - Unit 2000 - Interconnecting Networks - Unit 2100 - Catalytic Reformer - Unit 2150 - CCR - Unit 2200 - Xylene Fractionator - Unit 2500 - Sulfolane Extractive Distillation - Unit 2600 - Parex - Unit 2700 - Izomar - Unit 2800 - Tatoray - Unit 2900 - Benzene and Toluene Fractionator - Distribution Transformer Substation 124/39, - Distribution Transformer Substation 124/40, - Distribution Transformer Substation 124/41 with Instrument Room 091/6 - Instrument Room 091/4 - Instrument Room 091/5.

Current status:

PJSC "Surgutneftegaz"

2018

Name of works:

Feasibility Study for MTBE Production Complex at PJSC "Surgutneftegaz"

Current status:

OJSC "Samaraneftekhimproekt"**2018****Name of works:**

"Project" Engineering Package for the New Refinery. Detailed Design Engineering Package for Combined Unit 4 (High Octane Gasoline Components Production) of 3.6 MTPA feed capacity, comprising: - Unit 4200 - PSA - Unit 6000 - NHT - Unit 8000 - Isomerization - Units 9000, 9100- CCR Platformer. Technical assistance services for process equipment, valves and material procurement.

Current status:**LLC "KINEF"****2018****Name of works:**

Detailed Design Engineering Package for equipment upgrade of Unit L -24-10/2000 with partial equipment replacement, incl. replacement of Compressors ПК-1, 2 Detailed Design Engineering Package for Liquefied Petroleum Gas Treatment Unit

Current status:**LLC "Slavyansk EKO"****2018****Name of works:**

Feasibility Study for Oil Processing Complex at LLC "Slavyansk EKO" Oil Refining Complex

Current status:

LLC "INKO-TEK"

2018

Name of works:

"Project" Design Engineering Packages for: Catalytic Reformer (Job No. 1011, Units 2102, 2152) "Oil Refineries and Petrochemical Plants Complex" with increased crude hydrocarbons capacity in Nizhnekamsk

Current status:

JSC "PGK"

2018

Name of works:

Feasibility Study for Washing and Steaming Station Syzran-1
"Revamping for JSC "PGK"

Current status:

CJSC "NefteChimService"

2017

Name of works:

Retrofitting of existing ELOU-AVT Unit, construction of Vacuum Unit

Current status:

LLC "KINEF"

2017

Name of works:

ELOU-AVT-6 Units

Current status:

LLC "KINEF"

2017

Name of works:

Parex-2 Unit

Current status:

PJSC TATNEFT named after V.D. Shashin

2017

Name of works:

"Project" Engineering Package – Construction Stage 1.2 Naphtha
Hydro treatment (Job 007, Unit 1300) Short Flow Sheet.

Current status:

LLC "KINEF"

2017

Name of works:

Revamping with partial replacement of equipment of Crude
Distillation Unit with crude desalting ELOU-AT-6. Facility No.1",
Train No.1

Current status:

LLC "KINEF"

2017

Name of works:

"Project" Design Engineering Package for Naphtha and Diesel
Pump Stations Complex, Job Nr. 910-135/1,2, "LLC
KINEF"Construction stages 1 and 2 Construction stages 3 and 4

Current status:

CJSC “NefteKhimService”**2017****Name of works:**

“Project” Design Engineering Package for Retrofitting of ELOU-AVT Unit at Yaya Refinery. Detailed Design Engineering Package for Retrofitting of ELOU-AVT Unit at Yaya Refinery.

Current status:**PJSC “Surgutneftegaz”****2016****Name of works:**

Gas Drying Adsorber. Gas Treatment Unit No.2, Surgut region, Zapadno-Surgutskoye Field (Overhaul, Reg No.10554640)

Current status:**LLC “Noosfera”****2016****Name of works:**

“Project” and Detailed Design Engineering packages for 2 MTPA Oil Processing Complex at LLC “Severny Kuzbass Refinery” “Project” and Detailed Design Engineering Packages; Job No.140-10 “Combined Unit LK-2”: Unit 100 – Crude Unit (ELOU-AT), Unit 200 – NHT, including Hydrotreated Feed Fractionation Unit 300 – Reformer Unit 400 – Isomerization Unit 500 – DHT Unit 600 – Sulphur Production, including SWS and MDEA Regeneration. “Project” and Detailed Design Engineering Packages; Job No.430-10 “Combined Unit LK-1M”: Unit 710 – VR Catcracking Unit 720 – Catcracker Naphtha Hydrotreating Unit 730 – LPG DMC Plant.

Current status:

LLC "KINEF"**2016****Name of works:**

Feasibility study for construction of Isomerization Unit at LLC "KINEF" Retrofitting of Deep Oil Conversion Complex facilities at LLC "KINEF" Retrofitting with partial replacement of ELOU-AVT-6 Unit equipment

Current status:**LLC "KINEF"****2016****Name of works:**

Feasibility study for construction of Aromatic Hydrocarbons Timed Rail Tank Cars Filling Facilities (Job Nr.910-70/2) at LLC "KINEF"

Current status:**JSC "Achinsk Refinery - Eastern Oil Company"****2016****Name of works:**

"Project" and Detailed Design Engineering Packages for Gas Fractionator within LK-6Us Unit at JSC "Achinsk Refinery - Eastern Oil Company", Job "LK-6Us Unit. Retrofitting".

Current status:

Ryazan Refinery

2015

Name of works:

Isomerization Unit

Current status:

LLC "KINEF"

2015

Name of works:

Control Center within Liquid Paraffins Production Unit - PAREX-2. LLC "KINEF", Facility No.9, Unit Parex-2 Detailed Design Engineering Package for Retrofitting of Diesel and Kerosene Hydrotreating Unit L-24/6 at LLC "KINEF" and assistance in package delivery of equipment and materials Retrofitting of Liquid Paraffins Production Unit - PAREX-2 with DCS Integration and Instrumentation Upgrading Retrofitting with partial replacement of L-24-10/2000 Unit equipment

Current status:

LLC "KINEF"

2014

Name of works:

AGO plus Visbracker Naphtha Hydrodewaxing Unit L-24-10/2000

Current status:

LLC “Noosfera”**2014****Name of works:**

“Project” Design Engineering Package for the 4th Startup Complex of 2 MTPA Crude Processing Capacity at Severny Kuzbass Refinery.

Current status:**LLC “Ilsky Refinery”****2014****Name of works:**

Upgrading of Deep Oil Conversion Complex at LLC “Ilsky Refinery”. “Project” Design Engineering Package for - Combined Unit LK-2D; - Combined Sulphur Production Unit.

Current status:**LLC “KINEF”****2013****Name of works:**

Advanced Oil Refining Complex (GPN)

Current status:

LLC "KINEF"**2013****Name of works:**

"Project" and Detailed Design Engineering Packages for construction of High-Octane Naphtha Components Production Complex of 2.3 MTPA Feed Capacity "Project" Design Engineering Package Detailed Design Engineering Package for construction of Combined Unit LK-2B Detailed Design Engineering Package for upgrading networks and utilities of

Current status:**LLC "KINEF"****2013****Name of works:**

Detailed Design Engineering Package for upgrading networks and utilities of LLC "KINEF" for new complex connection Assistance in package delivery of equipment.

Current status:**JSC "Ryazan Oil Refinery Company"****2013****Name of works:**

"Project" and Detailed Design Engineering Packages for Low-Temperature Isomerization Unit Isomalk-2-LIN-800 of 800 KTA Feed Processing Capacity

Current status:

LLC “Noosfera”**2012****Name of works:**

FEL 2 Package for Atm Resid Catcracking and Hydrotreating processes within 2000 KTA crude processing capacity Complex at Severny Kuzbass Refinery.

Current status:**LLC “KINEF”****2012****Name of works:**

Project” Design Engineering Packages for Up-grade of Diesel and Kerosene Hydrotreatment Unit L-24/6 and assistance in package delivery of equipment and materials. FEL 2 Package for Modification of Reactors at LG-24/7 Unit (Train II) and LCh-24-9/2000 targeted at removal of residual sulphur from the commercial diesel. FEL 2 Package for LG-35-8/300B Unit Retrofit.

Current status:**LLC “RN-Primorsky Refinery”****2011****Name of works:**

Declaration of Intent for investments into construction of 10 MTA feed capacity Primorsky Refinery (in Nakhodka town) .

Current status:

LLC "KINEF"

2011

Name of works:

"Project" and Detailed Design Engineering Packages for Deep Oil Conversion Plant, including Hydrocracking Complex, comprising: 1) Combined Atmospheric Residue Deep Conversion Complex: Unit 1000 - Straight-Run Atm Resid Vacuum Distillation Unit (4.86 MTA); Unit 2000 - Vac. Heavy Resid Hydrocracker (2.93 MTA) Unit 3000 - VTB Visbracker (1.92 MTA); Unit 4000 - Hydrogen Production Unit (155 kNm³/h); Unit 4200 - Hydrogen PSA (35 kNm³/h); Unit 5100 - Waste Water Treatment Facility (275 KTA); Unit 5200 - Sour Water Stripper (369 KTA). 2) Sulphur Recovery Unit including Rich DEA Solution Regenerator. "Project" and Detailed Design engineering packages for Light Oils Timed Rail Tank Cars Filling Facilities.

Current status:

"CB&I Lummus" LLC

2011

Name of works:

"Project" and Detailed Design Engineering Packages for Hydrocracker Complex within Deep Oil Conversion Plant at LLC "KINEF", comprising: Unit 1000 - Straight-Run Atm Resid Vacuum Distillation Unit (4860000 TPA); Unit 2000 - Chevron's Hydrocracker (2930000 TPA); Unit 3000 - Shell's Socker- Visbracker (1920000 TPA); Unit 4000 - Hydrogen Production Unit (153,6 Nm³/h); Unit 4200 - H₂-Rich Gas Purification Plant (4.33 kNm³/h); Unit 5100 - Waste Water Treatment Facility (275000 TPA);. Unit 5200 - Sour Water Stripper (369000 TPA); Unit 5500 - Amine Regenerator (56000 TPA hydrogen capacity)

Current status:

LLC “KINEF”**2010****Name of works:**

Aromatic Hydrocarbons Extractive Distillation Unit based on GTC Process

Current status:**LLC “RN-Tuapse Refinery”****2010****Name of works:**

“Project” Design Engineering Package for the New 12 MTPA Refinery at the site of existing LLC “RN-Tuapse Refinery”, including the following process units: Unit 3000 – Diesel fuel HCR and HT; Unit 4100 – Hydrogen Production; Unit 4200 – PSA; Unit 5000 – DCU; Unit 6000 – NHT; Unit 7100 – SRU; Unit 8000 – Isomerization Unit; Unit 9000, 9100 – Reformer and Off-sites

Current status:**LLC “RN-Komsomolsk Refinery”****2010****Name of works:**

FEL package. L-35-11/450K Catalytic Reformer HT Capacity Enhancement. Job title: “Catalytic Reformer Modernization. Reg. No. 100027769”.

Current status:

LLC "KINEF"**2010****Name of works:**

AGO plus Visbracker Naphtha Hydrodewaxing L-24-10/2000 Unit.
Project and Detailed Design Engineering Packages.

Current status:**LLC "RN-Tuapse Refinery"****2009****Name of works:**

"Project" Design Engineering Package for the startup complex of
12 MTPA ELOU-AVT-12 Unit (Site Title 110-10, Units 1000 and
2000) within LLC "RN-Tuapse Refinery".

Current status:**LLC "KINEF"****2009****Name of works:**

Extractive Distillation Area at Mixed Xylenes Production Unit.
Detailed Design Package.

Current status:**LLC "Gazprom Pererabotka" Surgut Condensate
Stabilization Plant****2009****Name of works:**

Motor Fuel Production Unit. Analysis of equipment performance at
expected feed compositions, calculation of peak capacities and
TLVs for heavy residues in the Unit feed.

Current status:

JSC "Mazeikiu Nafta"**2009****Name of works:**

FEED equipment recalculations for enhancement of Oligomerization Unit capacity from 35 TPH (design capacity) up to 40 TPH.

Current status:**LLC "RN-Tuapse Refinery"****2008****Name of works:**

Isom and Reformer feed preparation area integrated NHT Unit 6000. Basic Design Engineering Package.

Current status:**LLC "KINEF"****2008****Name of works:**

PFS Package for Construction of new 21 MTA Crude Capacity Complex on the existing Catcracker Unit plot

Current status:**JSC "Achinsk Refinery"****2008****Name of works:**

Changeover of LK-6Us Unit 300/1 2000 TPA capacity to the integrated Diesel Dewaxing and Hydrotreatment process. Basic Design Engineering Package.

Current status:

JSC “Achinsk Refinery”**2007****Name of works:**

Isomerization Unit

Current status:**LLC “RN-Tuapse Refinery”****2007****Name of works:**

Basic Design Engineering Package for ELOU-AVT-12 Unit within the new 12 MTPA Refinery of OJSC "NK Rosneft" at the site of existing PJSC “RN-Tuapse Refinery”

Current status:**JSC “Achinsk Refinery”****2007****Name of works:**

412 KTPA Sour Water Stripping Unit at OJSC “Achinsk Refinery. Eastern Oil Company”. Basic Design Engineering Package Detailed Design Package for Isomerization Unit for: - DIP Unit - 232,5 KTPA; - Feed HT Unit - 203,2 KTPA; - PENEX Unit - 238 KTPA. FEL 2 package for expansion of JSC “Achinsk Refinery. Eastern Oil Company” crude capacity to 9 MTA. FEL 2 package for expansion of JSC “Achinsk Refinery. Eastern Oil Company” crude capacity to 9 MTA.

Current status:

JSC "Mazeikiu Nafta"

2007

Name of works:

Basic Design engineering assistance for enhancement of LK-2
Unit 100 capacity.

Current status:

LLC "Lukoil - Nizchegorod-nefteorgsintez"

2006

Name of works:

L-35/3 Unit changeover to PARISOM process.

Current status:

LLC "KINEF"

2006

Name of works:

Integration of Automated Process Control System into PAREX-1
Unit L-24/6 Unit Field Instrumentation and Process Control
Hardware Patial Upgrade. Detailed Design Package.

Current status:

JSC "Achinsk Refinery"

2006

Name of works:

Integration of DCS into LK-6Us ELOU-AT Unit 100 and Field
Instrumentation Upgrade.

Current status:

LLC "Lukoil - Nizhegorod-Nefteorgsintez"

2005

Name of works:

L-35/5

Current status:

LLC "KINEF"

2005

Name of works:

Transfer of the Reforming Unit to isomerization process L-35-11/300

Current status:

JSC "RN-Purneftepererabotka"

2005

Name of works:

LP-35-11/40

Current status:

PJSC "Saratov Refinery"

2005

Name of works:

PFS package for L-24-6 Unit modernization

Current status:

LLC "KINEF"

2005

Name of works:

LG-24/7 Unit Retrofitting and Integration of Automated Process Control System along with Field Instrumentation Upgrade. Detailed Design Package. PFS Package assessing viability of L-35-11/300 Unit upgrade.

Current status:

PJSC "Samaraneftekhim-proekt"

2004

Name of works:

Feed HT Isomerization Unit LSI-200. Changeover to HYSOPAR catalyst. JSC "Novokuibyshevsk Refinery"

Current status:

LLC "RN-Komsomolsk Refinery"

2004

Name of works:

FEL and FEED design packages for Refinery modernization aimed at improvement of feed processing efficiency.

Current status:

LLC "KINEF"

2004

Name of works:

Capital Improvement and Development Investment Program for LLC "KINEF" up to the year 2015. Feasibility Study of Mixed Xylenes Production Unit Modernization

Current status:

LLC "Gazprom Pererabotka" Surgut Condensate Stabilization Plant

2004

Name of works:

Modernization Project of LKS-35-64 Unit Reformer Heater P-102.

Current status:

LLC "KINEF"

2003

Name of works:

Automatic Naphtha and Atmospheric Residue Rail Tank Car Loading Facilities. Detailed Design Package. GFU Retrofitting and Automated Process Control System Integration. Detailed Design Package.

Current status:

JSC "Achinsk Refinery"

2003

Name of works:

Modernization of Unit 300-1 to accommodate LK-6Us Light HCR process

Current status:

Ryazan Refinery

2001

Name of works:

Isomerization Unit

Current status:

JSC “Novokuibyshevsk Refinery”

2001

Name of works:

Isomerization Unit

Current status:

LLC “RN-Komsomolsk Refinery”

2001

Name of works:

Catalytic Reforming Unit 450 KTPA

Current status:

PJSC”Samaraneftekhimproekt”

2001

Name of works:

Detailed Design Package. L-24-6/1 Unit Changeover to Light Hydrocracking Process. Automated Process Control System Integration, JSC “Kuibyshev Refinery”.

Current status:

Novokuibyshevsk Refinery**2001****Name of works:**

Isomerization Unit

Current status:**LLC "RN-Tuapse Refinery"****2001****Name of works:**

Catalytic Reformer Stabilizer. Detailed Design Package.

Current status:**LLC "RN-Komsomolsk Refinery"****2001****Name of works:**L-35-11/450K Integrated Feed HT Naphtha Catalytic Reformer:
560 KTPA - NHT; - 450 KTPA- Reformer. Detailed Design Package.**Current status:****JSC "Ryazan Oil Refinery Company"****2001****Name of works:**Changeover of Dealkylation Unit to Medium Temperature
Isomerization process (upgrade). Isom Feed Hydrotreatment Unit.
Detailed Design Package.**Current status:**

JSC "Naftan"

2001

Name of works:

AVT-1 Unit (changeover to Visbreaking process, changeover to Thermal Cracking process)

Current status:

JSC "Mazeikiu Nafta"

2001

Name of works:

LK-6U Unit (Unit 300-1 changeover to Hydrodewaxing process).

Current status:

Shymkent Refinery

2000

Name of works:

Modernization of LK-6U, Unit 200

Current status:

PJSC "PO Rosneft-Purneftegaz"

2000

Name of works:

Feed HT Integrated Catalytic Reformer.

Current status:

JSC "KLAIPEDOS NAFTA"**2000****Name of works:**

Modernization of 7200 TPA Heavy Oils Loading/Unloading Rack.
Detailed Design Package

Current status:**Fergana Refinery****2000****Name of works:**

Revamp and Modernization of L-35-11/300 and LCh-35-11/600
Catalytic Reformers

Current status:**Surgut Condensate Stabilization Plant****1999****Name of works:**

LKS 35-64

Current status:**Gorknefteorsintez****1998****Name of works:**

LF 35-21/1000

Current status:

Ryazan' Refinery**1996****Name of works:**

"Detoil" Toluene Dealkylation Unit

Current status:**Novopolotsk Refinery****1996****Name of works:**

"Detoil" Toluene Dealkylation Unit

Current status:**Mozyr' Refinery****1996****Name of works:**

"Detoil" Toluene Dealkylation Unit

Current status:**Kirishinefteorgsintez****1996****Name of works:**

LAB/LABS Production Plant

Current status:

Orsknefteorgsintez

1995

Name of works:

LCH 24-2000/85

Current status:

Odessa Refinery

1994

Name of works:

Kerosene and Diesel HT and Sulphur Production Integrated
Unit

Current status:

Chardjou Refinery

1990

Name of works:

LCH 35-11/1000

Current status:

Kirishinefteorgsintez

1989

Name of works:

LCH 24-2000

Current status:

Drogobytch Refinery

1989

Name of works:

LCH 24-2000

Current status:

Moscow Refinery

1986

Name of works:

LCH 35-11/1000

Current status:

Lisichansk Refinery

1986

Name of works:

LCH 24-2000

Current status:

Tchimkent Refinery

1985

Name of works:

LK-6U, LK-6US

Current status:

Lisichansk Refinery

1985

Name of works:

LCH 35-11/1000

Current status:

Mazeikiu Refinery

1984

Name of works:

LK-6U, LK-6US

Current status:

Kirishinefteorgsintez

1984

Name of works:

Mixed Xylenes Production Unit

Current status:

Grozny Refinery

1984

Name of works:

LCH 24-2000

Current status:

Ufa Refinery**1983****Name of works:**

Aromatics Production Complex

Current status:**Omsknefteorgsintez****1983****Name of works:**

Aromatics Production Complex

Current status:**Achinsk Refinery****1983****Name of works:**

LK-6U, LK-6US

Current status:**Skopje Refinery****1982****Name of works:**

Isomerization 132 KTPA

Current status:

Skopje Refinery

1982

Name of works:

DHT 920 KTPA

Current status:

Skopje Refinery

1982

Name of works:

Reformer 460 KTPA

Current status:

Skopje Refinery

1982

Name of works:

NHT 700 KTPA

Current status:

Skopje Refinery

1982

Name of works:

CDU 3000 KTPA

Current status:

Moscow Refinery

1981

Name of works:

LCH 24-2000

Current status:

Kirishinefteorgsintez

1981

Name of works:

LCH 35-11/1000

Current status:

Kuibyshev Refinery

1980

Name of works:

L 35-11/1000

Current status:

Danube Refinery

1980

Name of works:

Isomerization 150 KTPA

Current status:

Omsknefteorgsintez

1980

Name of works:

L 24-9x2RT

Current status:

Mazeikiu Refinery

1980

Name of works:

LK-6U, LK-6US

Current status:

Lisichansk Refinery

1980

Name of works:

L 35-11/1000

Current status:

Novobakinsk Refinery

1980

Name of works:

LF 35-11/1000

Current status:

Polotsknefteorgsintez

1979

Name of works:

L 24-9RT

Current status:

Fergana Refinery

1978

Name of works:

LCH 35-11/600

Current status:

Syzran' Refinery

1978

Name of works:

LCH 35-11/600

Current status:

Salavatnefteorgsintez

1978

Name of works:

L 35-11/1000

Current status:

Permnefteorgsintez

1978

Name of works:

L 24-9

Current status:

Pavlodar Refinery

1978

Name of works:

LK-6U, LK-6US

Current status:

Mozyr' Refinery

1978

Name of works:

LK-6U, LK-6US

Current status:

Krementchug Refinery

1978

Name of works:

LK-6U, LK-6US

Current status:

Angarsk NHK

1978

Name of works:

L 35-11/1000

Current status:

Odessa Refinery

1977

Name of works:

LG 35-11/300-95

Current status:

Kirishinefteorgsintez

1977

Name of works:

Gas Fractionation Unit (GFU)

Current status:

Grozny Refinery

1977

Name of works:

LCH 35-11/600

Current status:

Novoufimsk Refinery

1976

Name of works:

L 35-11/1000

Current status:

Omsknefteorgsintez

1976

Name of works:

L 35-11/1000

Current status:

Gorknefteorsintez

1975

Name of works:

LCH 35-11/600

Current status:

Mozyr' Refinery

1975

Name of works:

LK-6U, LK-6US

Current status:

Kremenchug Refinery

1975

Name of works:

LG 35-8/300Б

Current status:

Saratov Refinery

1974

Name of works:

LCH 35-11/600

Current status:

Ryazan' Refinery

1974

Name of works:

LG 35-8/300Б

Current status:

Polotsknefteorgsintez

1974

Name of works:

LCH-24/7

Current status:

Polotsknefteorgsintez

1974

Name of works:

LG 35-8/300Б

Current status:

Kirishinefteorgsintez

1974

Name of works:

LG 35-8/300Б

Current status:

Kherson Refinery

1973

Name of works:

L 35-11/600

Current status:

Khabarovsk Refinery

1973

Name of works:

LG 35-11/300-95

Current status:

Uhta Refinery

1973

Name of works:

LG 35-11/300-95

Current status:

Ufa Refinery

1973

Name of works:

LCH-24/7

Current status:

Ufa Refinery

1973

Name of works:

L 24/7

Current status:

Ungi Refinery

1973

Name of works:

KHT 220 KTPA

Current status:

Ungi Refinery

1973

Name of works:

DHT 340 KTPA

Current status:

Ungi Refinery

1973

Name of works:

Aromatics Extraction 128 KTPA

Current status:

Ungi Refinery

1973

Name of works:

Reformer 250 KTPA

Current status:

Salavatnefteorgsintez

1973

Name of works:

LCH-24/7

Current status:

Polotsknefteorgsintez

1973

Name of works:

LCH 35-11/600

Current status:

Omsknefteorgsintez

1973

Name of works:

LG 35-8/300Б

Current status:

Novokuibyshevsk Refinery

1973

Name of works:

LG 35-8/300Б

Current status:

Moscow Refinery

1973

Name of works:

LI 150V

Current status:

Kirishinefteorgsintez

1973

Name of works:

LCH 35-11/600

Current status:

Izmir Refinery

1973

Name of works:

KHT 300 KTPA

Current status:

Izmir Refinery

1973

Name of works:

DHT 300 KTPA

Current status:

Izmir Refinery

1973

Name of works:

Reformer 350 KTPA

Current status:

Izmir Refinery

1973

Name of works:

CDU 2000 KTPA

Current status:

Salavatnefteorgsintez

1972

Name of works:

L 24/7

Current status:

Salavatnefteorgsintez

1972

Name of works:

LCH 35-11/600

Current status:

Ryazan' Refinery

1972

Name of works:

LCH 35-11/600

Current status:

Permnefteorgsintez

1972

Name of works:

LG-24/7

Current status:

Permnefteorgsintez

1972

Name of works:

L 24/7

Current status:

Permnefteorgsintez

1972

Name of works:

LG 35-8/300Б

Current status:

Permnefteorgsintez

1972

Name of works:

L 35-8/300Б

Current status:

Orsknefteorgsintez

1972

Name of works:

LG 35-11/300-95

Current status:

Omsknefteorgsintez

1972

Name of works:

L 35-11/600

Current status:

Kremenchug Refinery

1972

Name of works:

LCH-24/7

Current status:

Kremenchug Refinery

1972

Name of works:

L 24/7

Current status:

Kremenchug Refinery

1972

Name of works:

LCH 35-11/600

Current status:

Kirishinefteorgsintez

1972

Name of works:

LG-24/7

Current status:

Kirishinefteorgsintez

1972

Name of works:

L 24/7

Current status:

Gur'evsk Refinery

1972

Name of works:

LG 35-11/300-95

Current status:

Yaroslavlnefteorgsintez

1971

Name of works:

LI 150V

Current status:

Yaroslavlnefteorgsintez

1970

Name of works:

LCH -24/7

Current status:

Yaroslavlnefteorgsintez

1970

Name of works:

L 24/7

Current status:

Ufa Refinery

1970

Name of works:

L 35-9

Current status:

Saratov Refinery

1970

Name of works:

L 24/6

Current status:

Salavat Petrochemical Plant

1970

Name of works:

Centralized Gas Fractionation Unit (CGFU)

Current status:

Salavat Petrochemical Plant

1970

Name of works:

Modernization of Pilot Crude Pyrolysis Plant.

Current status:

Salavat Petrochemical Plant

1970

Name of works:

L-16-1 Light Hydrocracker.

Current status:

Danube Refinery

1970

Name of works:

DHT 1000 KTPA

Current status:

Danube Refinery

1970

Name of works:

Xylene Extraction 260 KTPA

Current status:

Danube Refinery

1970

Name of works:

Benzene and Toluene Extraction 260 KTPA

Current status:

Danube Refinery

1970

Name of works:

Reformer 300 KTPA

Current status:

Ryazan' Refinery

1970

Name of works:

LCH -24/7

Current status:

Ryazan' Refinery

1970

Name of works:

L 24/7

Current status:

Omsknefteorgsintez

1970

Name of works:

L 24/7

Current status:

Omsknefteorgsintez

1970

Name of works:

L 35-9

Current status:

Drogobytch Refinery

1970

Name of works:

LG 35-11/300

Current status:

Volgograd Refinery

1970

Name of works:

L-24/8

Current status:

Volgograd Refinery

1970

Name of works:

L 35-8/300Б

Current status:

Ufa Refinery

1969

Name of works:

L 24-300

Current status:

Krasnovodsk Refinery

1969

Name of works:

L 35-11/300

Current status:

Tuapse Refinery

1969

Name of works:

L 35-11/300

Current status:

Danube Refinery

1969

Name of works:

Reformer 300 KTPA

Current status:

Nadvornaya Refinery

1969

Name of works:

LG 35-11/300

Current status:

Grozny Refinery

1969

Name of works:

L 35-11/600

Current status:

Burgas Petrochemical Plant

1969

Name of works:

Reformer 300 KTPA

Current status:

Yaroslavlnefteorgsintez

1968

Name of works:

LG 35-11/300

Current status:

Syzran' Refinery

1968

Name of works:

L 24/7

Current status:

Syzran' Refinery

1968

Name of works:

LG 35-11/300

Current status:

Kuibyshev Refinery

1968

Name of works:

L 24/7

Current status:

Salavatnefteorgsintez

1968

Name of works:

L 24/6

Current status:

Polotsknefteorgsintez

1968

Name of works:

L 24-300

Current status:

Gorknefteorsintez

1968

Name of works:

L 24/7

Current status:

Kirishinefteorgsintez

1968

Name of works:

L 24/6

Current status:

Kirishinefteorgsintez

1968

Name of works:

L 35-11/600

Current status:

Burgas Petrochemical Plant

1968

Name of works:

Benzene Extraction Reformer 300 KTPA

Current status:

Batumi Refinery

1968

Name of works:

L 35-11/300

Current status:

Yaroslavlnefteorgsintez

1967

Name of works:

L 24-300

Current status:

Ufa Refinery

1967

Name of works:

L 24/7

Current status:

Saratov Refinery

1967

Name of works:

L 35-11/300

Current status:

Kuibyshev Refinery

1967

Name of works:

LG 35-11/300

Current status:

Salavat Petrochemical Plant

1967

Name of works:

14000 TPA MEK Production Unit. Butylene Sulfuric Hydration
Process based.

Current status:

Salavatnefteorgsintez

1967

Name of works:

L 35-6

Current status:

Polotsknefteorgsintez

1967

Name of works:

L 35-11/600

Current status:

Permnefteorgsintez

1967

Name of works:

L 35-11/600

Current status:

Kremenchug Refinery

1967

Name of works:

L 35-11/300

Current status:

Grozny Refinery

1967

Name of works:

L 35-11/300

Current status:

Volgograd Refinery

1967

Name of works:

L 35-11/300

Current status:

Assab Refinery

1967

Name of works:

HTU 116 KTPA

Current status:

Assab Refinery

1967

Name of works:

Reformer 70 KTPA

Current status:

Yaroslavlnefteorgsintez

1966

Name of works:

L 24/6

Current status:

Ufa Refinery

1966

Name of works:

L 35-11/300

Current status:

Syzran' Refinery

1966

Name of works:

L 24/6

Current status:

Syzran' Refinery

1966

Name of works:

L 24-300

Current status:

Kuibyshev Refinery

1966

Name of works:

L 24/6

Current status:

Salavatnefteorgsintez

1966

Name of works:

L 24-300

Current status:

Ryazan' Refinery

1966

Name of works:

L 24-300

Current status:

Ryazan' Refinery

1966

Name of works:

L 35-6

Current status:

Polotsknefteorgsintez

1966

Name of works:

L 35-6

Current status:

Permnefteorgsintez

1966

Name of works:

L 24-300

Current status:

Orsknefteorgsintez

1966

Name of works:

L 35-11/300

Current status:

Omsknefteorgsintez

1966

Name of works:

L 24/6

Current status:

Omsknefteorgsintez

1966

Name of works:

L 24-300

Current status:

Omsknefteorgsintez

1966

Name of works:

L 35-11/300

Current status:

Novokuibyshevsk Refinery

1966

Name of works:

L 24-300

Current status:

Gorknefteorsintez

1966

Name of works:

L 24-300

Current status:

Gorknefteorsintez

1966

Name of works:

L 35-11/300

Current status:

Kirishinefteorgsintez

1966

Name of works:

L 35-11/300

Current status:

Yaroslavlnefteorgsintez

1965

Name of works:

L 35-6

Current status:

Fergana Refinery

1965

Name of works:

L 35-11/300

Current status:

Syzran' Refinery

1965

Name of works:

L 35-6

Current status:

Kuibyshev Refinery

1965

Name of works:

L 35-11/300

Current status:

Polotsknefteorgsintez

1965

Name of works:

L 24/6

Current status:

Permnefteorgsintez

1965

Name of works:

L 24/6

Current status:

Omsknefteorgsintez

1965

Name of works:

L 35-6

Current status:

Novokuibyshevsk Refinery

1965

Name of works:

L 24/6

Current status:

Novokuibyshevsk Refinery

1965

Name of works:

L 35-11/300

Current status:

Gorknefteorsintez

1965

Name of works:

L 24/6

Current status:

Gorknefteorsintez

1965

Name of works:

L 35-6

Current status:

Moscow Refinery

1965

Name of works:

L 35-11/300

Current status:

Gujarat Refinery

1965

Name of works:

Reformer 300 KTPA

Current status:

Angarsk NHK

1965

Name of works:

L 24/6

Current status:

Angarsk NHK

1965

Name of works:

L 24-300

Current status:

Angarsk NHK

1965

Name of works:

L 35-6

Current status:

Yaroslavlnefteorgsintez

1964

Name of works:

L 35-11/300

Current status:

Ufa Refinery

1964

Name of works:

L 24-5

Current status:

Ufa Refinery

1964

Name of works:

L 35-5

Current status:

Ryazan' Refinery

1964

Name of works:

L 24/6

Current status:

Ryazan' Refinery

1964

Name of works:

L 35-11/300

Current status:

Ryazan' Refinery

1964

Name of works:

L 35-5

Current status:

Polotsknefteorgsintez

1964

Name of works:

L 35-11/300

Current status:

Permnefteorgsintez

1964

Name of works:

L 35-11/300

Current status:

Novokuibyshevsk Refinery

1964

Name of works:

L 35-6

Current status:

Gorknefteorsintez

1964

Name of works:

L 35-5

Current status:

Burgas Petrochemical Plant

1964

Name of works:

DHT 500 KTPA

Current status:

Burgas Petrochemical Plant

1964

Name of works:

DHT 300 KTPA

Current status:

Burgas Petrochemical Plant

1964

Name of works:

Reformer 300 KTPA

Current status:

Ufa Refinery

1963

Name of works:

L 35-6

Current status:

Syzran' Refinery

1963

Name of works:

L 35-5

Current status:

Permnefteorgsintez

1963

Name of works:

L 35-6

Current status:

Moscow Refinery

1963

Name of works:

L 24-5

Current status:

Novokuibyshevsk Refinery

1962

Name of works:

L 35-5

Current status: