



# JSC "UKRNAFTOKHIMPROECT"

KYIV, 2019



# OUR EXPERIENCE CREATES THE RESULT

**PUBLIC JOINT STOCK COMPANY "UKRAINIAN INSTITUTE FOR DESIGN OF REFINING AND PETROCHEMICAL PLANTS "UKRNAFTOKHIMPROECT"** is a project engineering company, which has unique experience of integrated design of the industrial objects of arbitrary complexity

- Since its foundation in **1958** year, our company has become a General Designer of many Ukrainian oil refining companies and has developed a number of projects for different units for production of lube oils, special lube oils and oils additives at 16 plants in USSR, Cuba and Vietnam
- Since **1999**, after carrying out corporatization and restructuring, the company, preserving its traditions, has gained a wide experience of design and construction of oil refining plants, which are designing with the usage of modern technologies of the Leading Licensors of profile processes
- Our company has team of the highly qualified specialists who have unique experience of design of the oil refining and petrochemical plants and also objects of their full infrastructure, including, built in the territories with difficult geological and climatic conditions



# OUR EXPERIENCE CREATES THE RESULT

- Design of process units and infrastructure facilities is performed with the usage of the methods, providing creation of complex digital models of designing objects by means of 3-dimensional modeling technologies
- For this purpose the AVEVA software is used. This software complex provides creation of attributive digital models of designed objects and formation of working documentation from them, including isometric drawings of pipelines
- The modern technical base, structure and manpower of the enterprise, and also continuous updating of the available software considerably reduce terms of designing, promote high quality of design and estimate documentation and provide support of the developed projects at all stages of their implementation, including performance of construction, installation and commissioning works, and also major equipment completing
- Unique experience of our specialists, modern design system and availability of voluminous archive allow us to incarnate the most ambitious ideas of our Customers



# COMPANY STRUCTURE

## HEAD OFFICE. KYIV

(administration, plan and contract department, technical director department, accounting department, staff department, design and and survey departments)

## KHARKIV BRANCH

(design departments, construction department, strength department, Laboratory of material science)

## SEVERODONETSK BRANCH

(design departments, Design and Engineering Supervision Department)

## LVIV BRANCH

(design departments)

## KHERSON BRANCH

(design departments)

REPUBLIC OF KAZAKHSTAN  
REPRESENTATIVE OFFICE



# Human recourses

## STAFF HEADCOUNT

- As of January 01, 2018, 520 persons work in Public JSC "UKRNAFTOKHIMPROECT"

## STAFF QUALIFICATION

- 93 % of employees have the higher profile education

## CATEGORY STRUCTURE OF THE STAFF

- 85 % key staff
- 15 % support staff

## AGE STRUCTURE OF THE STAFF

- 31 years - average age of employees
- 46.6% - till 35 years
- 36% - 35-55 years
- 17.4% - over 55 years



# MAIN SOFTWARE

SOFTWARE NAME	FUNCTIONALITY	DEVELOPER
RPMS 2000	Modeling of technological features of the oil refining and petrochemical plants for carrying out the investment analysis and selection of technological scheme of plant	Honeywell, USA
Petro-SIM Express/AMSIM	Modelling of technological processes	KBC, Great Britain
AVEVA (PDMS, Diagrams, Cable Design, Instrumentation, Schematic 3D Integrator) Intergraph SmartPlant P&ID KOMPAS 3D SOLIDWORKS	The unified multi-information software for three-dimensional design  The unified multi-information software for three-dimensional design Automation of design and construction work in construction branch, creations of three-dimensional models of separate details and assembly units. The Software provides development of products of arbitrary complexity and purpose	AVEVA, Great Britain  Intergraph, USA ACKOH, Russian Federation SolidWorks, USA
AutoCAD, Autodesk Revit Building 8	Computer-aided design system, including specialized functions for the design and calculation of specialized functions for the design and calculation of building structures	Autodesk, USA
MAGICAD Heating & Piping, MAGICAD Ventilation for AutoCad	Design of building heating and ventilation systems	Progman Oy, Finland
ANSYS CFD ANSYS Mechanical ANSYS ICEM CFD Hexa	The software package for modeling of liquids and gases dynamics, calculation of the intense deformed state, the dynamic analysis	ANSYS, USA
SCAD Office  START LIRA FOK Structure CAD (SCAD)	Set of programs intended for performance of strength calculations and design of building constructions of different type and purpose Calculation of strength and rigidity of pipelines of different function Multipurpose software complex for calculations and design of different steel structures and concrete constructions Program for calculation of foundation, retaining walls, piles The computer system for the strength analysis of designs by means of the method of final elements	SCAD Soft, Russian Federation  NTP truboprovod, Russian Federation Lira Service, Russian Federation



# INTEGRATED SERVICES

**Public JSC "UKRNAFTOKHIMPROECT" offers the Customer a full range of integrated services for implementation of projects in the field of oil refinery and petrochemistry at all stages - from development of conception to putting into operation:**

- **PREDESIGN WORK** the analysis of the markets of raw materials, products, technologies and conceptual development of options, development schemes, development of the feasibility study (FS), organization of development of EIA (Environmental Impact Assessment) – preparation of documentation for conducting public hearings
- **BASIC ENGINEERING DESIGN** rendering of services to the Customer at a stage of development of Technical Assignment for technology supply, the organization of cooperation with Licensors at stages of Technical and commercial proposal provision, development of criteria for evaluation of Licensors proposals and recommendations on technology selection, technical assistance performing for the Customer at stages of preparation of contracts for licensing and basic engineering design, conducting a kick-off meeting and determination of initial data, acceptance of basic project documentation
- **DETAILED ENGINEERING DESIGN** development of design and estimate documentation during construction, reconstruction, modernization and technical reequipping of industrial units and infrastructure facilities of the enterprises

**TECHNOLOGICAL UNITS AND COMPLEXES** of oil refinery, providing production of high-quality fuels, that meet the requirements of the Euro-4 and Euro-5 standards; the highly effective lube oils, compounded with multipurpose packages of additives, gaseous fuel, construction and road bitumens, and also raw materials for allied branches of industry



# INTEGRATED SERVICES

## INFRASTRUCTURE FACILITIES OF OIL REFINERY PLANTS

- heat and power supply facilities – boiler rooms, heat supply stations, water recycling units, compressor stations, providing compression and air drying, nitrogen production stations, steam condensate collection and purification stations, transformer substations, etc
- technological facilities to provide auxiliary processes – packing of commercial petroleum products into the consumer and transport packages, their temporary storage and shipment to consumers (sulfur, bitumen, lubricating oils, lubricants, paraffin's etc.)
- facilities for maintenance and repair of equipment, buildings and facilities, including mechanical-repair shop floors, stations of special equipment maintenance, units for fueling machinery with liquid and gaseous fuels, as well as for charging of the batteries of technological floor standing technological electric transport
- facilities that ensure the performance of special events at the plant – fire safety stations, gas saving stations, structures for internal security, explosion-resistant buildings and rooms, etc;
- facilities providing residential and social servicing of the employees – administrative and amenity buildings, dining halls, health centers, etc
- facilities of integrated treatment of wastewaters and polluting emissions
- tank farms with pumping stations
- automated loading and unloading racks and stations
- pipeline and cable racks
- railroad and road communications





# INTEGRATED SERVICES

- **ENGINEERING SURVEYS** performance of integrated engineering surveys for the further implementation of the project, collecting, observation and the analysis of the available topographic-geodetic materials, participation in the selection of the area for construction, performance of engineering and geodetic and engineering-geological surveys
- **DEVELOPMENT OF SPECIAL SECTIONS OF DESIGN DOCUMENTATION** for fire safety provision, environmental protection, energy efficiency requirements, engineering and technical civil defense, the declaration of industrial and fire safety
- **PERFORMANCE OF SPECIAL CALCULATIONS FOR SECURITY**, determined by specifics of designing objects: calculations of energy potentials of the objects, categories of rooms and outdoor explosion and fire safety units, the excessive pressure developed during combustion of air-gas mixes, zones, borders of fire and explosion hazardous zones, indicators of fire danger of objects, fire-protection steam veils, etc
- **ENGINEERING SERVICES** related with equipment procurement, development of custom technical documentation for carrying out tender procedures, the analysis of the received Technical and Commercial Proposal for the equipment and materials on compliance to requirements, the organization of completing processes, the analysis of the design documentation developed by other organizations on compliance to requirements of the normative and technical documentation, receiving of technical specifications for connection, support during undergoing of state expert and Industrial safety expert examination



# INTEGRATED SERVICES

## DESIGN SUPERVISION AND ENGINEERING SUPPORT OF PROJECTS

- Monitoring compliance with the design, construction schedules, regulatory requirements, quality of construction and installation works
- Selection and review of design and technical documentation and documentation of equipment manufacturers
- Drawing up and preparation for register of technical documentation for the vessels and pipelines
- Examination and assessment, together with Customer's technical supervision employees and construction and installation organizations, of works, hiding during production of the subsequent works
- Quality control during performance of major types of installation and construction works
- Drawing up the lists of imperfection and defects, occurring during installation, and control of their elimination
- Performance of intermediate acceptance and tests of buildings and constructions as they become available
- Participation in the examinations carried out by bodies of state supervision and state acceptance with the aim to check the condition and compliance of the equipment to the parameters indicated in the project before its installation during quality assessment of its installation, comprehensive testing and acceptance
- Availability and accuracy control over executive and technical documentation
- Monitoring compliance with carried out by construction and installation organizations performance of orders and regulations of author and state supervision and, as well as the requirements for professional mechanical Customer service related quality of carried out construction works and used products, materials and equipment
- Participation in the commissions on acceptance of equipment with the aim of comprehensive testing



# INTEGRATED SERVICES

## COMISSIONING WORKS

- Commissioning of process units of fuel handling facilities
- Commissioning of the complex system set-up
- Commissioning of ventilation and air conditioning systems
- Commissioning of refrigeration and compressor packages
- Commissioning of furnace equipment
- Commissioning of steam boilers
- Commissioning of water heating cogeneration boilers
- Commissioning of boiler and auxiliary equipment
- Commissioning of water treatment equipment and chemical water preparation equipment
- Commissioning of air-gas routes
- Commissioning of general boiler systems and engineering communications
- Commissioning of water supply and sewerage
- Commissioning of electrical devices
- Commissioning of switchgears
- Commissioning of relay protection
- Commissioning of electricity automation
- Commissioning of voltage system and operating current
- Commissioning of electric machinery and electric drives
- Commissioning of automation systems, alarm systems and related devices
- Commissioning of the automated control systems
- Commissioning of an autonomous systems set-up



# INTEGRATED SERVICES

## DEVELOPMENT OF THE OPERATIONAL AND TECHNICAL DOCUMENTATION

### ***Preparation of Pressure Vessel Passport for the further registration in supervision bodies:***

- examination of manufacturer passport on compliance with the requirements of Rules
- development of the list of Pressure Vessel Passports for the further registration
- development of the scheme of inclusion of a vessel with the indication of pressure sources, working environment parameters, fittings, instrumentations, means of automatic control, protective and interlocking devices
- registration preparation of Pressure Vessel Passport (its completing and filling according to requirements of Rules)

### ***Development of passports of technological pipelines and their further registration in supervision bodies of the Customer:***

- acceptance (examination) of hand-over executive technical documentation of pipelines
- development of the list of passports of technological pipelines
- development of the isometric scheme of the pipeline
- development and registration preparation of the passport of the pipeline according to requirements of Rules

### ***Development of passports of pipelines of steam and hot water and their further registration in supervision bodies of the Customer:***

- acceptance (examination) of hand-over executive technical documentation of pipelines
- development of the list of passports for pipelines of steam and hot water
- development of the isometric scheme of pipelines
- development and registration preparation of pipelines passports

### ***Development of programs for carrying out hydraulic (pneumatic) tests of the equipment and the pressure pipelines***



# INTEGRATED SERVICES

## ***Development of operational passports for safety valves***

### ***Development of tanks passports and their further registration in bodies of supervision of the Customer:***

- verification of the manufacturer's passport on compliance with requirements of Rules
- development of the list of the tanks for further registration
- development of the tank inclusion scheme, with the indication of sources of pressure, parameters of its working environment, fittings, instrumentations, means of automatic control, safety and interlocks
- development and registration preparation of passport tanks (its completing and filling according to requirements of normative documentation)

### ***Development of operational forms for the accounting of technical condition of pumps and compressors***

#### ***Development of instructions on a workplace***

#### ***Development of Process Procedures***

#### ***Development of Emergency Response Plan (ERP)***

#### **Operational Staff Training**

#### ***Performance of operational staff training with preparation for passing an examination to have the admission for independent work:***

- development of training programs
- practical training of operators in safe receptions and methods of the technological mode maintaining and service of the equipment
- participation in examination of knowledge to have permission for independent work

***Technical support provision in an initial stage of operation*** – sharing the experience and skills, acquired during production process and which are necessary for safe technological process operating



# INTEGRATED SERVICES

## DESIGN AND CALCULATION WORKS

### ***Strength Calculations and mathematical modeling***

- ❖ calculations on the strength, resistance and integrity of tanks, vessels and pipelines, working under pressure according to the norms of Ukraine, Russia, the USA and the EU
- ❖ calculations on the strength, resistance, wind and seismic impacts for constructions of arbitrary complexity, using the finite element method, taking into account geometrical and physical nonlinearity, temperature stress (ANSYS, Scad office software packages)
- ❖ Improvement of operational parameters of the equipment (pressure, temperature) and corrosion resistance
- ❖ expert examination of foreign projects of import equipment in accordance with current norms in Ukraine
- ❖ computer modeling of hydro gas dynamics and heat exchanging processes
- ❖ performance of strength and rigidity calculations for pipelines together with devices (by means of the Ansys program) or for pipelines with a difficult spatial configuration and considerable differences of temperatures (for example transfer pipelines) separately from devices
- ❖ expert examination (technical diagnostics) of the current technological equipment of increased danger subordinated to Gosgorpromnadzor of Ukraine, conducting with both non-destructive testing (VT, PT, MT, UT, AT), and destructive methods of control and determining of safety resource of its further operation
- ❖ technical examination of the vessels with the usage of the acoustic emission method
- ❖ calculation of structures, containing defects in welded joints and in the base metal



# INTEGRATED SERVICES

## DESIGN AND CONSTRUCTION WORKS

### *Development of technical designs for equipment*

- ❖ process equipment for rectification, distillation and absorption (columns)
- ❖ heat-exchange equipment (shell and tube heat exchangers, plate, shell and plate, "pipe in pipe", air heaters, high pressure heat exchangers (over 16 MPa)
- ❖ evaporator equipment (tube evaporators, submersible combustion machines, rotary machines)
- ❖ crystallization equipment
- ❖ capacitive equipment, filter
- ❖ steel vertical tanks
- ❖ racking, underground storage covers, tall flares
- ❖ reactors

## TESTS AND EXPERTISE INSPECTION


**Laboratory of corrosion and materials science** - issue of recommendations on structural materials for manufacturing equipment and process pipelines; determination of causes of the equipment destruction; macrostructural and metallographic analysis; microstructural and metallographic analysis of the base metal and welded joints

### **Laboratory for research methods and diagnostics**

technical diagnosis expert (inspection); non-destructive testing; destructive testing and certification tests; current technical examination




# Experience of Public JSC "UKRNAFTOKHIMPROECT" Design works (since 2000 year)

 RN-Комсомольский НПЗ	LLC RN-Komsomolsk Refinery (Russian Federation)	YEAR OF DESIGN WORK COMPLETION
❖	Development of Feasibility Study for construction of Advanced Oil Processing Complex	<b>2000</b>
❖	Development of working design for IBP - 75°C cut Isomerization Unit, taking Basic Design of AXENS as a basis	<b>2000-2002</b>
❖	Development of working design for Expansion of Transformer Substation of Isomerization Unit and Hydrogen Facilities	<b>2001-2002</b>
❖	Development of working design for Reconstruction of Atmospheric Pipestill-2, including development of Starting Data for Designing	<b>2001-2003</b>
❖	Development of working design for Delayed Coking Unit, including Distillate Hydrotreating Module, taking Basic Design of ABB Lummus Global Inc as a basis and Short Cycle Adsorption Module (SCA), taking Basic Design of UOP as a basis, Recycling Water Supply Module	<b>2002-2004</b>
❖	Development of working design for Delayed Coking Unit, including Sulphur Production Module, taking Basic Design of Worley Parsons as a basis, Sour Waste Water Stripping Module, Amine Regeneration, Granulation, Sulfur Packaging and Storage, Recycling Water Supply Module, Sulphurous Flare	<b>2002-2004</b>
❖	Development of CDU-VDU-3 modernization	<b>2002-2003</b>
❖	Development of working design for Industrial Tank Farm of Hydrotreated Diesel Fuel	<b>2002-2003</b>
❖	Development of working design for Nitrogen Station with the Air Compressor Unit	<b>2002-2003</b>





# Experience of Public JSC "UKRNAFTOKHIMPROECT" Design works (since 2000 year)

 РН-Комсомольский НПЗ	<b>LLC RN-Komsomolsk Refinery (Russian Federation)</b>	<b>YEAR OF DESIGN WORK COMPLETION</b>
	Development of working design for Delayed Coking Unit with Off Site Facilities of the unit, including: <ul style="list-style-type: none"> <li>❖ Expansion of Mechanical Wastewater Treatment</li> <li>❖ Tank Farm and Pumping Station of Delayed Coking Unit</li> <li>❖ Emergency Tanks for Liquefied Hydrocarbon Gases</li> <li>❖ Flare</li> <li>❖ Condensate Storage Tanks</li> <li>❖ Tank farm of vacuum gasoil</li> <li>❖ Fire fighting module</li> <li>❖ Reconstruction of the laboratory</li> <li>❖ Construction of four artesian wells</li> <li>❖ Stations for quality control of atmospheric air</li> </ul>	<b>2007-2009</b>
	<ul style="list-style-type: none"> <li>❖ Development of working design for Reconstruction of Catalytic Reforming Unit</li> </ul>	<b>2008-2010</b>
	<ul style="list-style-type: none"> <li>❖ Development of working design for CDU-VDU-3 Reconstruction</li> </ul>	<b>2009-2010</b>
	<ul style="list-style-type: none"> <li>❖ Development of working and design documentation for Isomerization unit #2 with Recycling Water Supply Module</li> </ul>	<b>2010-2012</b>
	<ul style="list-style-type: none"> <li>❖ Development of working documentation for Hydrocracking Complex with Sulphur Production Unit. 2-nd stage (Basic Design of Worley Parsons) with Sour Waste Water Stripping Module (Basic Design of Chevron Lummus Global ) and Amine Regeneration,</li> </ul>	<b>2009-2010</b>




# Experience of Public JSC "UKRNAFTOKHIMPROECT" Design works (since 2000 year)

 RN-Комсомольский НПЗ	<b>LLC RN-Komsomolsk Refinery (Russian Federation)</b>	<b>YEAR OF DESIGN WORK COMPLETION</b>
❖	Development of design and working documentation for Reagents and Catalysts Storage	<b>2012-2013</b>
❖	Development of design and working documentation for Klykveniy Indoor Stream Collector	<b>2012-2013</b>
❖	Development of design and working documentation for Regional Training Center	<b>2012-2013</b>
❖	Development of design and working documentation for High-Octane Number Components Tank Farm	<b>2012-2013</b>
❖	Development of design and working documentation for Tanks with the volume of 2 x 3000 m <sup>3</sup>	<b>2012-2013</b>
❖	Development of design and working documentation for Tanks with the volume of 2 x 2000 m <sup>3</sup>	<b>2012-2013</b>
❖	Development of design and working documentation for Fire Safety Station	<b>2012-2013</b>
❖	Development of design and working documentation for Outdoor Pumping Station for Auto-Petrol Pumping	<b>2012-2013</b>
❖	Development of design and working documentation for Air Compressor Station	<b>2012-2013</b>
❖	Development of design and working documentation for Oil Unloading and Dark Oil Products Loading Rack	<b>2012-2013</b>
❖	Development of design and working documentation for Light Oil Products Loading Rack	<b>2012-2013</b>
❖	Development of working documentation for Nitrogen Production Unit and Storage Capacity	<b>2012-2013</b>




# Experience of Public JSC "UKRNAFTOKHIMPROECT" Design works (since 2000 year)

 RN-Комсомольский НПЗ	<b>LLC RN-Komsomolsk Refinery (Russian Federation)</b>	<b>YEAR OF DESIGN WORK COMPLETION</b>
<ul style="list-style-type: none"> <li>❖ Development of design and working documentation for Sulfur Production Module. Delayed Coking Complex. Reconstruction. The 1st stage</li> </ul>	<b>2013-2014</b>	
<ul style="list-style-type: none"> <li>❖ Development of design and working documentation for Saleable Product Tank Farm with the volume of 2x10 000 m3</li> </ul>	<b>2013-2014</b>	
<ul style="list-style-type: none"> <li>❖ Development of design and working documentation for Gasoline Tank Farm. Reconstruction (title 110)</li> </ul>	<b>2013-2014</b>	
<ul style="list-style-type: none"> <li>❖ Development of design and working documentation for Sulfur Production Module. Delayed Coking Complex. Reconstruction. The 1st stage</li> </ul>	<b>2013-2014</b>	
<ul style="list-style-type: none"> <li>Development of design documentation for Hydrocracking Complex, including</li> <li>❖ Hydrocracking Unit. Hydrocracking and Hydrotreating Section. Hydrogen Production Section with Short Cycle Adsorption module. Basic Design of Chevron Lummus Global</li> <li>❖ Sulfur Production Unit. The 2-nd stage with Sour Waste Water Stripping and Amine Regeneration Modules</li> <li>❖ Off Site Facilities of Hydrocracking Complex. Nitrogen Production Unit and Storage Capacity</li> </ul>	<b>2014-2015</b>	
<ul style="list-style-type: none"> <li>❖ Development of Feasibility study for calculation of the technological process for Delayed Coking Unit (DCU) that has hydrocarbon gases purification</li> </ul>	<b>2016</b>	
<ul style="list-style-type: none"> <li>❖ Development of Feasibility study calculation of the technological process for Delayed Coking Unit (DCU) in normal operating conditions and that has hydrocarbon gases purification module for treatment of LPG, coming from CDU-VDU-2, CDU-VDU-3, ГОДТ and hydrocarbon gas, coming from catalytic reforming unit</li> </ul>	<b>2016</b>	



# Experience of Public JSC "UKRNAFTOKHIMPROECT" Design works (since 2000 year)

	<b>LLC RN-Tuapse Refinery (Russian Federation)</b>	<b>YEAR OF DESIGN WORK COMPLETION</b>
❖	Development of Investment Feasibility study for the major reconstruction	<b>2002</b>
❖	Complex examination of the existing production of Tuapse refinery, energy supply systems and Off Site Facilities, including issue of the conclusions and determination of the expenses for bringing the existing industry and the mentioned systems into conformity with the requirements of the current norms	<b>2004</b>
❖	Consideration and agreement of design documentation for installation of diesel tanks and cable rack (without amendments to the documentation)	<b>2005</b>
❖	Consideration and agreement of working design of JSC PMP for Regenerated Gases Purification Module of L-35-11/300 unit	<b>2005</b>
❖	Development of technical and economic calculations for reconstruction of the 1st stage of the Tuapse oil refinery	<b>2006</b>
❖	Development of proposals for installation of spare pump for pumping out of fuel oil from the tanks of the 2nd fuel oil tank farm	<b>2006</b>
❖	Development of working documentation for Bringing P-1 Furnace of L-35-11/300 unit into conformity with the existing rules and regulations	<b>2006</b>
❖	Development of working documentation for further equipping of L-35-11/300 unit with modules for remote gas discharging to the flare and with cutter of HCG overflow	<b>2006</b>
❖	Development of working documentation for Combined unit (CU-1), Section 5000, Delayed Coking	<b>2009</b>
❖	Development of working documentation for MTBE Receiving and Storage Unit	<b>2010</b>




# Experience of Public JSC "UKRNAFTOKHIMPROEKT" Design works (since 2000 year)

	<b>LLC RN-Tuapse Refinery (Russian Federation)</b>	<b>YEAR OF DESIGN WORK COMPLETION</b>
	<ul style="list-style-type: none"> <li>❖ Development of working documentation for Mechanical and Repair Shop Floor. Engineering Depot</li> </ul>	<b>2010</b>
	<ul style="list-style-type: none"> <li>❖ Development of working documentation for Recycling Water Supply Unit #2 and creation of AVEVA PDMS 3D module of the unit</li> </ul>	<b>2010-2011</b>
	<ul style="list-style-type: none"> <li>❖ Development of working documentation for Recycling Water Supply Unit #3 and creation of AVEVA PDMS 3D module of the unit</li> </ul>	<b>2010-2011</b>
	<ul style="list-style-type: none"> <li>❖ Development of design and working documentation for Combined Unit #3 (Sulfur Production with Sour Waste Water Stripping and Amine Regeneration Modules, Sulfur Granulating and Packaging Module, Granulated Sulfur Storage, Sour Water Tank Farm, Flare, Acid Gas Outdoor Incineration Unit), taking Basic Design of Worley Parsons as a basis. Creation of AVEVA PDMS 3D module of the unit</li> </ul>	<b>2009-2015</b>
	<b>OJSC Achinsk Refinery of the Eastern Oil Company (Russian Federation)</b>	
	<ul style="list-style-type: none"> <li>❖ Development of working design for Plant-Wide Central Control Room</li> </ul>	<b>2004-2005</b>
	<ul style="list-style-type: none"> <li>❖ Development of working documentation for conversion of catalytic reforming with preliminary hydrotreating section 200 of LK-6U unit into distributed control system (DCS)</li> </ul>	<b>2006-2007</b>
	<ul style="list-style-type: none"> <li>❖ Development of working design for Plant-Wide Central Control Room #2</li> </ul>	<b>2007-2008</b>
	<ul style="list-style-type: none"> <li>❖ Development of working design for Delayed Coking Unit</li> </ul>	<b>2009-2015</b>



# Experience of Public JSC "UKRNAFTOKHIMPROECT" Design works (since 2000 year)

	<b>JSC Angarsk Petrochemical Company (Russian Federation)</b>	<b>YEAR OF DESIGN WORK COMPLETION</b>
❖	Development of working and design documentation for Sulfur production unit (Basic Design of Worley Parsons)	<b>2010-2014</b>
❖	Development of working and design documentation for Sulfuric Acid Alkylation Unit (Basic Designs of DuPont, MECS Inc ) , including Recycling Water Supply Unit	<b>2011-2015</b>
❖	Development of working documentation «Hydrogen production unit" (Basic Design of HALDOR TOPSOE)	<b>2012-2015</b>
❖	Development of working and design documentation for Technological equipment modernization of GFU. Shop floor #17/19	<b>2012-2013</b>
❖	Development of design documentation for CDU/VDU-6, including development of Starting Data for Designing	<b>2012-2013</b>
❖	Development of working documentation for Technical re-equipping of G-24 unit Shop floor#101 at Oils Plant	<b>2013</b>
❖	Development of working documentation for Technical re-equipping of pumping station of object #12 with recessed room. Shop floor #2. Saleable Product and Feed Tank Farm	<b>2013</b>
❖	Development of design works for Technical Reequipping of Pumping Equipment for Pumping Station. Object #51. Oil storage depot. Shop floor #2. Saleable Product and Feed Tank Farm	<b>2013</b>
❖	Development of working documentation for Technical Reequipping of Pumping Equipment for Pumping Station #44 for Sweet Crude Oil Complex. Shop floor #2. Saleable Product and Feed Tank Farm	<b>2013</b>
❖	Development of working documentation for Technical Reequipping of Equipment of Pumping Station #57. Oil storage depot. Shop floor #2. Saleable Product and Feed Tank Farm	<b>2013</b>



# Experience of Public JSC "UKRNAFTOKHIMPROECT" Design works (since 2000 year)



## JSC Angarsk Petrochemical Company

YEAR OF  
DESIGN WORK  
COMPLETION

- ❖ Development of working documentation for Technical Reequipping of Equipment of object #185 of Gasoline Pumping Station. Shop floor #1 Saleable Product and Feed Tank Farm
- ❖ Development of working documentation for Technical Reequipping of Equipment of object #1215 of Pumping Station. Shop floor #1. Saleable Product and Feed Tank Farm
- ❖ Development of Feasibility study for Reconstruction of Bitumen Production
- ❖ Development of working and design documentation for Oil Blending unit for Branded Rosneft Oil production

**2013**

**2013**

**2013-2014**

**2013-2016**



## CJSC Ryazan Oil Refinery Company (Russian Federation)

- ❖ Development of Feasibility study for Isomerization Unit Reconstruction
- ❖ Development of design and working documentation for reconstruction of LCH-24/7 unit Short Cycle Adsorption module ( taking Basic Design of Linde as basis) and Creation of AVEVA PDMS 3D model of the unit
- ❖ Development of design and working documentation for reconstruction of LCH-24/7 unit (diesel hydrotreating unit) laying of diesel fuel pipeline from LCH-24/7 unit to automatic gasoline blending station
- ❖ Development of design and working documentation for reconstruction of LCH-24/7 unit (diesel hydrotreating unit). Construction of Control Room of LCH-24/7 unit
- ❖ Development of design and working documentation for reconstruction of LCH-24/7 unit (diesel hydrotreating unit), including development of Starting Data for Designing and Creation of AVEVA PDMS 3D model of the unit

**2005**

**2010-2011**

**2010-2011**

**2010-2012**

**2010-2015**



# Experience of Public JSC "UKRNAFTOKHIMPROEKT" Design works (since 2000 year)

	<b>LLC Novokuibyshevsk Oils and Additives Plant (Russian Federation)</b>	<b>YEAR OF DESIGN WORK COMPLETION</b>
	<ul style="list-style-type: none"> <li>❖ Development of working and design documentation for Vacuum Pipestill Unit, including development of Starting Data for Designing</li> </ul>	<b>2010-2013</b>
	<ul style="list-style-type: none"> <li>❖ Development of working and design documentation for Fuel Additives Production Complex. 1-st Start-up Complex, including Physical and Chemical treatment facilities, Recycling Water Supply Module, fire fighting module</li> </ul>	<b>2013-2015</b>
	<ul style="list-style-type: none"> <li>❖ Development of design documentation for Fuel Additives Production Complex. 2-nd Start-up Complex</li> </ul>	<b>2014-2015</b>
	<b>JSC Kuibyshev Refinery (Russian Federation)</b>	
	<ul style="list-style-type: none"> <li>❖ Development of working and design documentation for Acid and Alkali Wastes Neutralization Module and Creation of AVEVA PDMS 3D model of the unit</li> </ul>	<b>2013-2015</b>
	<b>JSC Syzran Refinery (Russian Federation)</b>	
	<ul style="list-style-type: none"> <li>❖ Development of design and working documentation for GFU of Catalytic Cracking Complex, including development of Starting Data for Designing and Creation of AVEVA PDMS 3D model of the unit:               <ul style="list-style-type: none"> <li>- paraffin hydrocarbons fractionation module</li> <li>- unsaturated hydrocarbon fractionation module</li> <li>- amine regeneration module;</li> <li>- demercaptanization and akali recovery module</li> </ul> </li> </ul>	<b>2010-2011</b>



# Experience of Public JSC "UKRNAFTOKHIMPROEKT" Design works (since 2000 year)





## JSC Gazprom neft - Omsk Refinery (Russian Federation)

YEAR OF  
DESIGN WORK  
COMPLETION

❖ Development of working and design documentation for Aviation Turbine Fuel (Jet fuels) Production and Creation of AVEVA PDMS 3D model of the unit	<b>2012-2013</b>
❖ Development of design documentation for construction of Product Line of Finished Products (liquefied gases) pumping of production #2 (Saleable Product Tank Farms, Pumping Station, Odorization Unit.) Performance of Rostekhnadzor regulations	<b>2013-2014</b>
❖ Development of design documentation. Technical reequiping and Brining L-24/7 Unit (diesel hydrotreating unit) to the conformity with existing norms. Performance of Rostekhnadzor regulations	<b>2013-2014</b>
❖ Development of working documentation for Production #4. L-24/6 Unit. Performance of Rostekhnadzor regulations.	<b>2013</b>
❖ Supervision and acceptance (examination) of Basic Design of FOSTER WHEELER for Delayed Coking Unit	<b>2013</b>
❖ Development of working and design documentation for reconstruction of Unit for Regeneration of Black Sulfuric Acid	<b>2013-2014</b>
❖ Development of Technical and Economic Calculations for Modernization and Brining DCU 21-10/3M to the conformity with the existing norms and rules.	<b>2013-2014</b>
❖ Development of working and design documentation for Gathering and Feed Unit of High Sulfur Gasoline of Low Octane Number	<b>2013-2014</b>
❖ Development of working documentation for Territory Preparation for Construction of Deep Refining Complex, Oil Coke Production Unit and CDU-VDU	<b>2013-2014</b>
❖ Development of working and design documentation for Single Amenity Building	<b>2013-2014</b>
❖ Development of working and design documentation for Saleable Product Tank Farm of Liquefied Hydrocarbon Gases	<b>2013-2015</b>
❖ Development of working documentation for Technical re-equipping of Specialized Center for Cleaning Heatexchanger Equipment	<b>2013-2014</b>




# Experience of Public JSC "UKRNAFTOKHIMPROEKT" Design works (since 2000 year)

	<b>JSC "Gazprom neftekhim Salavat" (Russian Federation)</b>	<b>YEAR OF DESIGN WORK COMPLETION</b>
	<ul style="list-style-type: none"> <li>❖ Development of working documentation for Replacement of P-302 furnace with the installation of I-302 Hydro Alkylation Evaporator. Shop floor #58. Thermal Clamping Water Heating Module of Monomer plant</li> </ul>	<b>2006</b>
	<ul style="list-style-type: none"> <li>❖ Development of working design for Visbreaking Unit (taking Basic Design of SHELL GLOBAL SOLUTIONS INTERNATIONAL B.V. as a base) with Recycling Water Supply Modules and vacuum unit</li> </ul>	<b>2006-2009</b>
	<ul style="list-style-type: none"> <li>❖ Development of working design for the unit of Hydrogen and Ammonia Evolution from Purge and Tank gases</li> </ul>	<b>2007</b>
	<ul style="list-style-type: none"> <li>❖ Development of working documentation for construction of CDU-VDU-6 and Creation of AVEVA PDMS 3D model of the unit</li> </ul>	<b>2009-2010</b>
	<ul style="list-style-type: none"> <li>❖ Development of working documentation for Flare Unit of CDU-VDU-6</li> </ul>	<b>2010-2011</b>
	<ul style="list-style-type: none"> <li>❖ Development of working and design documentation for Catalytic Cracking Complex at Oil Refinery. Unit for Selective Hydrotreating of Cat Cracked Fuel with the Capacity of 720,4 thousand tons per year and Creation of AVEVA PDMS 3D model of the unit</li> </ul>	<b>2011-2015</b>
<b>JSC "Saratov Oil Refinery" (Russian Federation)</b>		
	<ul style="list-style-type: none"> <li>❖ Development of working design for Construction of furnace P-1/1 of Hydrotreating Unit and furnace P-1 re-piping for reforming module of L-35-300 unit</li> </ul>	<b>2006</b>
	<b>JSC "Orsknefteorgsintez" (Russian Federation)</b>	
	<ul style="list-style-type: none"> <li>❖ Development of working design for modernization of CDU-VDU Unit, including development of Starting Data for Designing</li> </ul>	<b>2004-2005</b>
	<ul style="list-style-type: none"> <li>❖ Development of working documentation for furnace package Reconstruction of L-35-11/300 Unit</li> </ul>	<b>2004</b>



# Experience of Public JSC "UKRNAFTOKHIMPROECT" Design works (since 2000 year)

	<b>OJSC "Vaninsky Petroleum Refinery" Group of Companies "Transbunker" (Russian Federation)</b>	<b>YEAR OF DESIGN WORK COMPLETION</b>
<ul style="list-style-type: none"> <li>❖ Development of working design for Marine Engine Fuels Production Unit in Vanino port. Khabarovsk Krai of Russian Federation, including crude desalter unit, atmospheric distillation, stabilization, flare, air compressor unit and nitrogen station</li> </ul>	<b>2000-2002</b>	
<ul style="list-style-type: none"> <li>❖ Development of Basic Design for Crude Oil Distillation Unit with Atmospheric Pipestill-1 for Oil Refinery Complex in Vanino port. Khabarovsk Krai</li> </ul>	<b>2012</b>	
<ul style="list-style-type: none"> <li>❖ Development of design and working documentation for oil refining complex. in Vanino port. Khabarovsk Krai. 1-st start-up complex               <ul style="list-style-type: none"> <li>- crude desalter unit with atmospheric pipestill-1;</li> <li>- flare facilities (ground flare, flare separator package, pumping station);</li> <li>- Switchgear-10kV with source of alarm electric power supply;</li> <li>- fire fighting module;</li> <li>- boiler room;</li> <li>- treatment facilities (mechanical, physical and chemical, biological purification, additional filtration, sludges dewatering)</li> <li>- plant-wide central control room;</li> <li>- communication lines, plant-wide pipelines, automobile roads</li> </ul> </li> </ul>	<b>2012-2015</b>	
<ul style="list-style-type: none"> <li>❖ Development of design and working documentation for Oil Refinery Complex Administration and amenity building. Vanino port. Khabarovsk Krai</li> </ul>	<b>2012-2013</b>	
<ul style="list-style-type: none"> <li>❖ Development of design and working documentation for Oil Refinery Complex .Plant-wide central laboratory. Vanino port. Khabarovsk Krai</li> </ul>	<b>2012-2013</b>	



# Experience of Public JSC "UKRNAFTOKHIMPROECT" Design works (since 2000 year)

	<b>OJSC "Vaninsky Petroleum Refinery" Group of Companies "Transbunker" (Russian Federation)</b>	<b>YEAR OF DESIGN WORK COMPLETION</b>
❖	Acceptance of starting data for designing of Fuel Oil thermal cracking unit developed by State Unitary Enterprise Oil Refining and Petrochemical Institute of the Republic of Bashkortostan	<b>2013</b>
❖	Acceptance of Basic Design of HALDOR TOPSOE for distillate hydrotreating unit	<b>2013</b>
❖	Acceptance of Basic Design of Linde/Millraw group S.Afor Hydrogen Production Unit	<b>2014</b>
❖	Acceptance of Basic Design of Linde/Worley Parsons for Sulfur Production Unit	<b>2014</b>
❖	Development of Starting Data for Designing, Sour Waste Water Stripping and Gases Amine Treatment Sections for the Oil Refinery Complex in Vanino port. Khabarovsk Krai. 2-nd Start-Up Complex	<b>2013</b>
❖	Development of design documentation for oil refining complex.in Vanino port. Khabarovsk Krai. 2-nd Start-Up Complex, including units of distillate hydrotreating, hydrogen production, sulfur production, Sour Waste Water Stripping and Gases Amine Treatment, Granulation, Sulfur Storage and Shioment, Recycling Water Supply, Air Compressor Station with Nitrogen Production Module	<b>2014-2015</b>
❖	Development of design documentation for oil refining complex in Vanino port. Khabarovsk Krai. 3-rd Start-Up Complex, including Fuel Oil thermal cracking unit	<b>2014-2015</b>
<b>CJSC YARVAZ (Yaroslavl, Russian Federation)</b>		
❖	Development of working design (approvable part and working documentation) for Unit for preliminary hydrotreating of Catalytic Reforming Feedstock	<b>2002-2004</b>



# Experience of Public JSC "UKRNAFTOKHIMPROECT" Design works (since 2000 year)

<b>JS COMPANY "MONTAZHSPETZSTROY" (REPUBLIC OF KAZAKHSTAN)</b>	<b>YEAR OF DESIGN WORK COMPLETION</b>
❖ Development of working documentation of the project for Substation #7 of the Northern Off-Site Areas Complex for Pilot Program for the development of the Kashagan Field (JSC «Harcon»)	<b>2007-2009</b>
<b>SC "CONDENSATE" (REPUBLIC OF KAZAKHSTAN)</b>	
❖ Development of Process Procedure (Basic Design) for Diesel Components Hydrotreating Section	<b>2015</b>
❖ Development of working documentation for Sulfur Production Section	<b>2015</b>
❖ Development of working and design documentation for Diesel Components Hydrotreating Section	<b>2015-2016</b>
❖ Development of working documentation for Redundant Line of Pipeline to Supply Water to Light Naphtha Isomerization Section	<b>2016</b>
<b>TURKMENBASHI OIL REFINERIES COMPLEX (TURKMENISTAN)</b>	
❖ Development of working documentation and project for Off Site Facilities at Turkmenbashi Complex of Oil Refineries, including Administration and amenity building, Nitrogen Production Module and Air Compressor Station, Control Room, transformer substation, boiler room, Water Conditioning Station, Water Treatment Tanks, In-site engineering lines, heat and materials ducts ( for «Petro Gas LLP» company)	<b>2013-2015</b>
❖ Development of working documentation and project for Wastewater Treatment Facilities at Turkmenbashi Complex of Oil Refineries, including mechanical, physical-and-chemical, biological treatment, additional filtration and sludges dewatering (silt and Oil Sludge) ( for «Petro Gas LLP» company)	<b>2013-2016</b>



# Experience of Public JSC "UKRNAFTOKHIMPROECT" Design works (since 2000 year)

<b>Voronezh-Aqua Ltd. for the RK</b>	<b>YEAR OF DESIGN WORK COMPLETION</b>
Development of working documentation for Pavlodar Oil Chemistry Refinery Upgrading. 1-st Start up Complex. Off Site Facilities. E909. Condensate Extraction and Purification System	<b>2016</b>
<b>Branch ROMINSERV S.R.L. in the RK</b>	
Development of working documentation for Power Supply Systems and DCS of the E914S, E91 objects	<b>2016</b>
<b>Branch of SC Vladimirteplomontazh in the RK</b>	
Technical support of Pavlodar Oil Chemistry Refinery Upgrading Project. Early phase	<b>2015</b>
Technical support of Projects for 1-st Start up Complex. Pavlodar Oil Chemistry Refinery Upgrading. Isomerization Unit (A100) and Naphtha Splitter (B300S). Objects for Off Site Facilities. 1-st Start up Complex. Pavlodar Oil Chemistry Refinery Upgrading. Isomerizate Tanks Y-914S (2 pcs.), Automatic Mixing Gasoline Station E-915	<b>2016</b>
Supervision under technological process performance during conducting industrial tests, technical assistance during capacity reaching and operational personnel training to have admission for independent work with the object of 1-st Start up Complex. Pavlodar Oil Chemistry Refinery Upgrading. Isomerization Unit (A100) and Naphtha Splitter (B300S)	<b>2016</b>



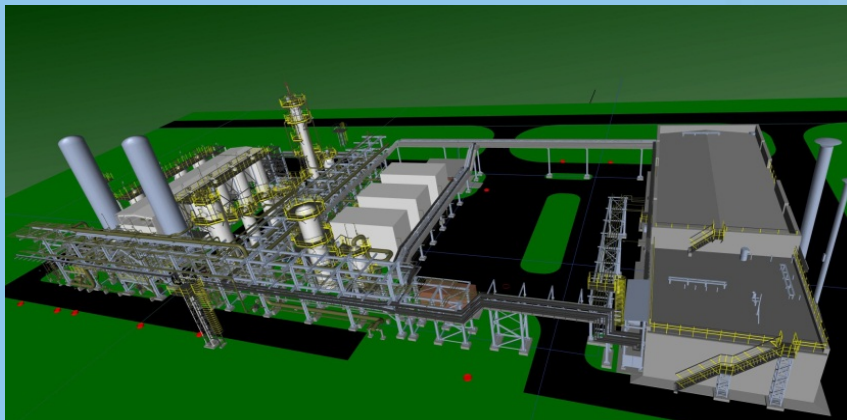
# Experience of Public JSC "UKRNAFTOKHIMPROECT" Design works (since 2000 year)

	YEAR OF DESIGN WORK COMPLETION
<b>OJSC PENZCOMPRESSORMASH for the RK</b>	
Development of working project for Reconstruction of the existing AGFCS (automobile gas-filling compressor station) to raise volumes of buses refueling (Kyzylorda city, Republic of Kazakhstan)	<b>2015-2016</b>
<b>LLP «PROMSTROYPROJECT DESIGN «INSTITUTE» (RK)</b>	
Updating of the Design and Estimate Documentation at Project stage of the project for Integrated Gas-Chemical Complex Construction in Atyrau Region for LLP "KPI" inc. with passing of the project examination	<b>2016-2018</b>
Development of the project for processing pipelines for a binding of processing equipment of the formulation floor in Г-Ж/1-6 pivots in acc. with the project for 2-nd start-up complex included into integrated chemical complex for Glifosat (Herbicide) Production and Three-Chloride Phosphorus Production in the territory of SEZ "Chempark Taraz"	<b>2016-2018</b>
Development of the working project for ice cream and milk production and storage complex of in an industrial zone of Alatausky district of the city of Almaty	<b>2017</b>
Development of separate sections of the design documentation of the project for Construction of Complex Gas Treatment Unit at Kozashai field of Aktobe region, consideration and comments issue to project author in accordance with regulations in force in the Republic of Kazakhstan territory	<b>2018</b>



# Development of 3D digital models of the objects

**Short Cycle Adsorption (SCA) Unit**  
for hydrogen concentration with the usage of Short Cycle Adsorption with modules of hydrocarbon gases compression and amine treatment



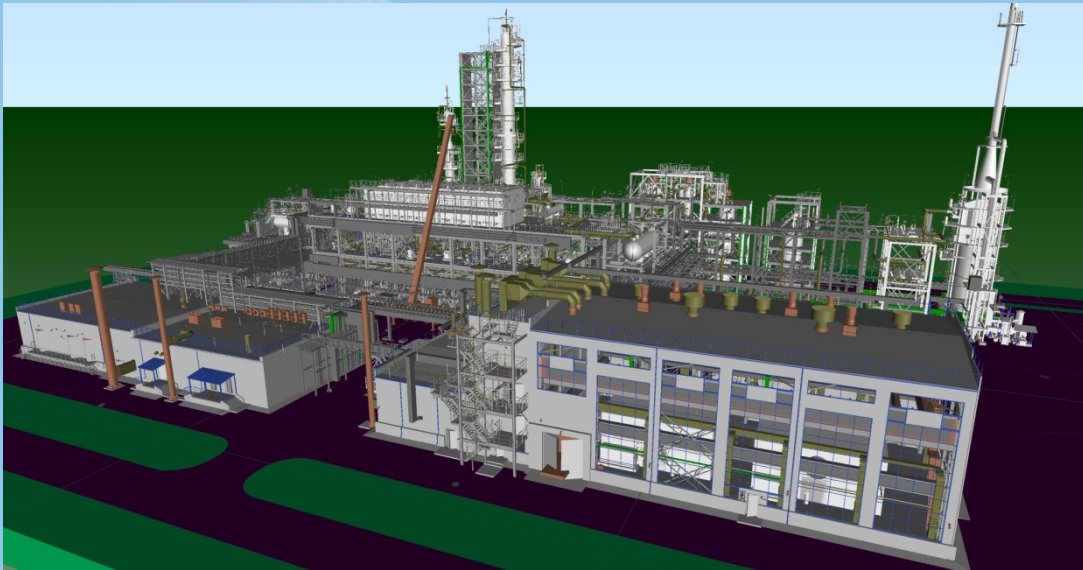
Construction period 2013-2014 years





# Development of 3D digital models of the objects

## CAT CRACKED GASOLINE SELECTIVE HYDROTREATING UNIT PRIME G+

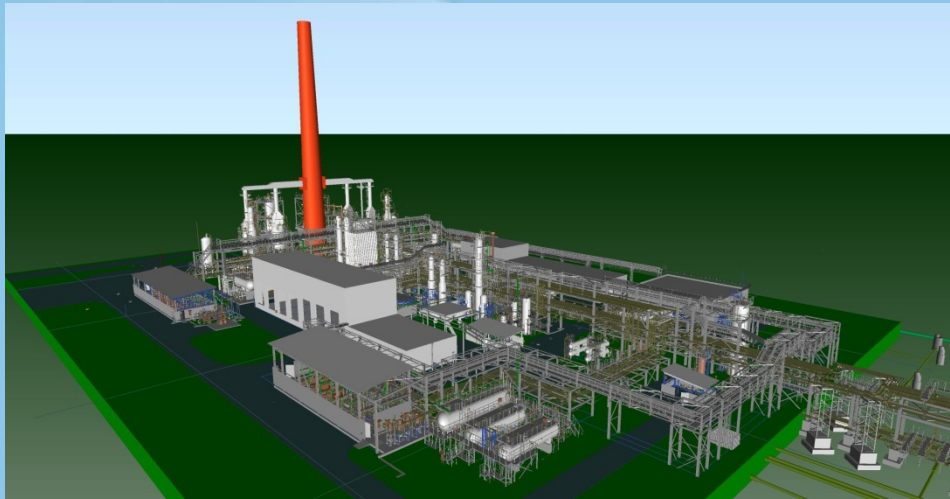


Beginning of the construction – 2014 year



# Development of 3D digital models of the objects

## RECONSTRUCTION OF DIESEL FUEL HYDROTREATING UNIT



Construction period :

I stage (reactor-furnace package, compressor package) – 2013 year

II stage (stabilization module, wastewater treatment module) – 2018 year



# Development of 3D digital models of the objects

## COMBINED SULFUR PRODUCTION UNIT

with Sour Waste Water Stripping and Amine Regeneration Modules, sulfur granulating and packaging module, granulated sulfur storage, Sour Water Tank Farm, flare, acid gas outdoor incineration unit



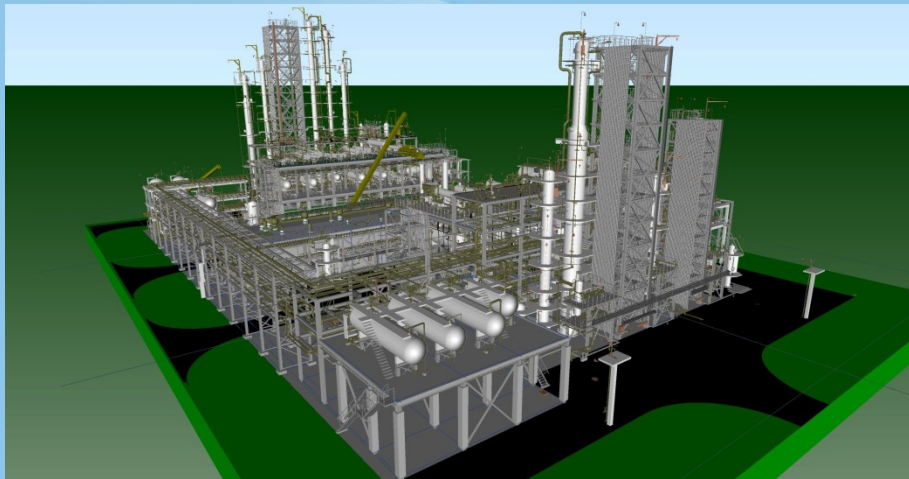
Beginning of the construction – 2013 year



# Development of 3D digital models of the objects

## GAS FRACTIONATION UNIT GFU

with paraffin and unsaturated hydrocarbon fractionation module, amine regeneration, demercaptanization and alkali recovery module



Beginning of the construction – 2012 year



# Experience of Public JSC "UKRNAFTOKHIMPROECT" Commissioning works

CUSTOMER	NAME OF WORKS	YEAR
LLC RN-Komsomolsk Refinery	Commissioning works for CDU-2	2004
JSC Gazprom neft - Omsk Refinery	Commissioning works for Atmospheric Pipestill-9 (furnace package)	2005
LLC RN-Komsomolsk Refinery	Commissioning works for CDU-3	2006
LLC RN-Komsomolsk Refinery	Commissioning works for Distillates Hydrotreating Unit	2006
LLC RN-Komsomolsk Refinery	Commissioning works for Sulfur Production Unit	2006
JS Company "Montazhspetzstroy" (Republic of Kazakhstan)	Performance of commissioning works and putting facilities into operation in North Offsite Zone of Kashagan field (West Kazakhstan region)	2007- 2008



# Experience of Public JSC "UKRNAFTOKHIMPROECT" Commissioning works

CUSTOMER	NAME OF WORKS	YEAR
<b>JSC "Gazprom neftehim Salavat"</b>	Commissioning works for Visbreaking Unit, including Vacuum and Recycling Water Supply Modules	2009
<b>LLC Gazneftedobycha</b>	Commissioning works for Commissioning works at Complex Gas Treatment Unit (Dobrinsky gas condensate field. Zhirnovsky district. Volgograd Region)	2009
<b>LLC RN-Komsomolsk Refinery</b>	Commissioning works for Delayed Coking Unit, including Offsite Facilities, Flare system, Saleable Product Tank Farm of Vacuum gasoil, Fire Fighting Module	2010



# Experience of Public JSC "UKRNAFTOKHIMPROECT" Commissioning works

CUSTOMER	NAME OF WORKS	YEAR
<b>JSC Gazpromneft Moscow Oil Refinery</b>	Commissioning works for P-101, P-102, P-103, P-104, P-105 furnaces of LCH-35/11-1000 unit. Shop floor #2	2010-2012
<b>LLC Novokuibyshevsk Oils and Additives Plant</b>	Commissioning works for P-1 furnace of Vacuum Pipestill. Shop floor #23. Technical Assistance for Complex of Vacuum Pipestill	2013-2014
<b>LLC "NOVOTEK-Ust-Luga"</b>	Commissioning works for P-101/102 and P-103 furnaces of Stable Gas Condensate Fractionation Unit	2013
<b>CJSC Ryazan Oil Refinery Company</b>	Commissioning works for P-1, P-2, P-3A,Б, P-4, P-5 furnaces of Isomalk-2-LIN-800 unit	2014



# Experience of Public JSC "UKRNAFTOKHIMPROECT" Engineering works

CUSTOMER	NAME OF WORKS	YEAR
<b>JS Company "Montazhspezstroy" (Republic of Kazakhstan)</b>	Engineering supervision for installation of equipment and technological objects of North Offsite Zone of Kashagan field (West Kazakhstan region)	2007-2008
<b>LLC Gazneftedobycha</b>	Technical assistance, conducting of technical process and practical training of operating staff of Complex Gas Treatment Unit (Dobrinisky gas condensate field. Zhirnovsky district. Volgograd Region, Russian Federation)	2009
<b>LLC "Engineering &amp; Procurement Services" (Republic of Kazakhstan)</b>	Engineering services related to the project for Reconstruction of Shymkent Oil Refinery	2015-2016
<b>SC "CONDENSATE" REPUBLIC OF KAZAHSTAN</b>	Providing professional services for evaluation of the processing equipment work and development of offers on ensuring its reliability. Providing professional services during the period of production activity of the Customer	2016-2017





# Experience of Public JSC "UKRNAFTOKHIMPROECT" Operational documentation

<b>LLC RN-Komsomolsk Refinery (Russian Federation)</b>	<b>YEAR OF DESIGN WORK COMPLETION</b>
✓ Development of Plan for Localization and Liquidation of Emergency Situations. Shop floor #1 of Rosneft - Komsomolsk Refinery	2002
✓ Development of Plan for Localization and Liquidation of Emergency Situations. Shop floor #3 of Rosneft - Komsomolsk Refinery	2002
✓ Development of Process Procedure TP-2-32-34-05 for Isomerization Unit	2005
✓ Development of Process Procedures TP-2-32-35-05 for Distillate Hydrotreating. Shop floor#2	2005
✓ Development of Process Procedures TP-2-32-36-0 for Distillate Hydrotreating and Sulfur Production Units 5. Shop floor#2	2005
✓ Development of Process Procedures for Treatment Facilities	2011
✓ Development of Process Procedures for Liquefied Gases Shipment and Storage Depot	2012
✓ Development of Process Procedure TP-2-32-52-11 for Delayed Coking Unit	2013
<b>JSC Kuibyshev Refinery (Russian Federation)</b>	
✓ Development of Process Procedure for Acid and Alkali Wastes Neutralization Module	2014



# Experience of Public JSC "UKRNAFTOKHIMPROECT" Engineering works

<b>OJSC Achinsk Refinery of the Eastern Oil Company (Russian Federation)</b>	<b>YEAR OF DESIGN WORK COMPLETION</b>
✓ Development of Process Procedure No P1-02.02 СП-304 TP-001 for combined unit of petroleum coke production	2013
✓ Development of Process Procedure No P1-02.02 SP-304 TP 001. for combined unit of petroleum coke production. Autonomos work of section #100	2015
<b>CJSC Ryazan Oil Refinery Company (Russian Federation)</b>	
✓ Development of Process Procedure for unit of hydrogen purification with Short Cycle Adsorption (SCA unit)	2012-2013
✓ Development of Process Procedure for LCH-24/7 unit	2014-2015
✓ Development of Process Procedure for LCH 35-11/300 unit instead of outdated	2013
✓ Development of Process Procedure TP 2.041.005-12 Amending #1 for CDU-VDU-4. Amending # 1	2013
✓ Development of Process Procedure TP.2.041.024-11 for Single-point loading # 1 and # 2 with Vapor Recovery Unit of area #1. Shop floor #11. Amending # 1	2013
✓ Development of Process Procedure TP 2.041.023-10 for Sulfuric Acid Production. Amending # 3	2013



# Experience of Public JSC "UKRNAFTOKHIMPROEKT" Operational documentation

<b>LLC Novokuibyshevsk Oils and Additives Plant (Russian Federation)</b>	<b>Year of design works completion</b>
✓ Development of Process Procedure for Vacuum Pipestill П1-02.02 TP-1183 ЮЛ-040	2013
✓ Development of Process Procedure for Fuel Additives Production Complex. 1-st Start up Complex	2015-2016
<b>JSC Gazprom neft - Omsk Refinery (Russian Federation)</b>	
✓ Development of Process Procedure and Emergency Response Plan for Aviation Turbine Fuel (Jet fuels) Production	2012-2013
✓ Development of Process Procedure TP-2-009-216-16 and Emergency Response Plan for Reconstruction of Unit for Black Sulfuric Acid Regeneration	2013-2014
✓ Development of Emergency Response Plan for Gathering and Feed Unit of High Sulfur Gasoline of Low Octane Number	2013-2014
✓ Development of Process Procedure TP-201-1-2016 and Emergency Response Plan for Saleable Product Tank Farm of Liquefied Hydrocarbon Gas	2013-2015
✓ Making amendments in Process Procedures and Emergency Response Plan of sections #100 (TP-2-009-401-15), 200- 300 (TP-2-009-401-16), 400, 900, 1000 (TP-2-009-404-16) for aromatic hydrocarbons production (ortho-, paraxylene and benzene)	2014
✓ Development of Process Procedure TP 2.041.023-10 for Sulfuric Acid Production. Amending # 3	2013



# Experience of Public JSC "UKRNAFTOKHIMPROECT" Operational documentation

<b>OJSC Gazprom neftehim Salavat</b>	<b>Year of design works completion</b>
✓ Development of Process Procedure for Visbreaking Unit	2009
✓ Development of Process Procedure and Emergency Response Plan for Catalytic Cracking Complex at Oil Refinery. Unit for Selective Hydrotreating of Cat Cracked Gasoline with the capacity of 720,4 thousand tons per year	2015
<b>LLC Gazneftedobycha (Russian Federation)</b>	
✓ Development of Process Procedure for Complex Gas Treatment Unit at Dobrinsky gas condensate field. Zhirnovsky district. Volgograd Region	2010
<b>Turkmenbashi Oil Refineries Complex (Turkmenistan)</b>	
✓ Development of Process Procedure for Off Site Facilities at Turkmenbashi Complex of Oil Refineries	2014
✓ Development of Process Procedure for Wastewater Treatments Facilities at Turkmenbashi Complex of Oil Refineries	2014



# PERMITTING DOCUMENTATION IN THE RUSSIAN FEDERATION

Certificate of a self-regulating organization within petrochemical and oil & gas industry "NEFTEGAZSERVICE" for admission to the types of work in the development of project documentation which affect the safety of capital construction, including the especially hazardous objects, No. 005-7 dated 21.08.2014

САМОРЕГУЛИРУЕМАЯ ОРГАНИЗАЦИЯ  
В ОБЛАСТИ АРХИТЕКТУРНО-СТРОИТЕЛЬНОГО ПРОЕКТИРОВАНИЯ  
Некоммерческое партнерство специализированных организаций нефтегазовой  
и нефтехимической промышленности «НЕФТЕГАЗСЕРВИС»  
119039 г. Москва, ул. Нижегородская, д. 32/15, www.ngo-prk.com  
Регистрационный номер в государственном реестре  
саморегулируемых организаций:  
СРО-П-406-301/2008

г. Москва, место выдачи: 21 августа 2014 г., дата выдачи Свидетельства

**СВИДЕТЕЛЬСТВО**  
о допуске к определенному виду или видам работ, которые оказывают  
влияние на безопасность объектов капитального строительства  
№ 005-7

Выдано члену саморегулируемой организации  
**ПУБЛИЧНОМУ АКЦИОНЕРНОМУ ОБЩЕСТВУ  
«УКРАИНСКИЙ ИНСТИТУТ ПО ПРОЕКТИРОВАНИЮ  
НЕФТЕПЕРЕРАБАТЫВАЮЩИХ И НЕФТЕХИМИЧЕСКИХ  
ПРЕДПРИЯТИЙ «УКРНЕФТЕХИМПРОЕКТ»**  
адрес местонахождения: Украина, 04055, г. Киев, ул. Курчатовской станицы, д. 5-Б  
ОГРН: 21489100 ИНН: 2148910261-08

Основание выдачи Свидетельства: решение Правления СРО НП  
«Нефтегазсервис», Протокол № 6/2014 от 21.08.2014 г.

Настоящим Свидетельством подтверждается допуск к работам, указанным в  
приложении к настоящему Свидетельству, которые оказывают влияние на  
безопасность объектов капитального строительства.

Начало действия с «21» августа 2014 г.  
Свидетельство без приложения не действительно.  
Свидетельство выдано без ограничения срока и территории его действия.  
Свидетельство выдано взамен ранее выданного № 005-6 от «27» января 2014 г.

Генеральный директор Ф.И. Рыбалов  
№ 005-7

Приложение  
к Свидетельству о допуске  
к определенному виду  
или видам работ, которые  
оказывают влияние  
на безопасность объектов  
капитального строительства  
от 21 августа 2014 г. № 005-7

Виды работ, которые оказывают влияние на безопасность объектов  
капитального строительства, включая особо опасные и технически сложные  
объекты капитального строительства (кроме объектов использования  
атомной энергии) и о допуске к которым член Некоммерческого партнерства  
специализированных организаций нефтегазовой и нефтехимической  
промышленности «НЕФТЕГАЗСЕРВИС» (СРО НП «НЕФТЕГАЗСЕРВИС») –  
**ПУБЛИЧНОЕ АКЦИОНЕРНОЕ ОБЩЕСТВО «УКРАИНСКИЙ  
ИНСТИТУТ ПО ПРОЕКТИРОВАНИЮ НЕФТЕПЕРЕРАБАТЫВАЮЩИХ  
И НЕФТЕХИМИЧЕСКИХ ПРЕДПРИЯТИЙ «УКРНЕФТЕХИМПРОЕКТ»**  
имеет Свидетельство

N	Наименование вида работ
	<b>1. Работы по подготовке схемы планировочной организации земельного участка:</b>
1.1.	Работы по подготовке генерального плана земельного участка
1.2.	Работы по подготовке схемы планировочной организации трассы линейного объекта
1.3.	Работы по подготовке схемы планировочной организации полосы отвода линейного сооружения
	<b>2. Работы по подготовке архитектурных решений</b>
2.	Работы по подготовке архитектурных решений
	<b>3. Работы по подготовке конструктивных решений</b>
3.	Работы по подготовке конструктивных решений
	<b>4. Работы по подготовке сведений о внутреннем инженерном оборудовании, внутренних сетях инженерно-технического обеспечения, о перечне инженерно-технических мероприятий:</b>
4.1.	Работы по подготовке проектов внутренних инженерных систем отопления, вентиляции, кондиционирования, противодымной вентиляции, теплоснабжения и холодоснабжения





# CUSTOMERS REVIEWS



ОБЩЕСТВО С ОГРАНИЧЕННОЙ ОТВЕТСТВЕННОСТЬЮ  
«РН-КОМСОМОЛЬСКИЙ НПЗ»  
(ООО «РН-Комсомольский НПЗ»)  
СЛУЖБА ЗАМЕСТИТЕЛЯ ГЕНЕРАЛЬНОГО ДИРЕКТОРА  
ПО РАЗВИТИЮ

Почтовый / юридический адрес: ул. Пилетовская, 115, г. Комсомольск-на-Амуре, Хабаровский край, 681007  
Телефон: (4217) 52-58-35, факс: (4217) 52-29-89, e-mail: [znp@rnk.com](mailto:znp@rnk.com), [znp@rnk.ru](mailto:znp@rnk.ru)  
ИНН/ОГРН: 270302088/1070302087

от 04.07.2014 г. № 8/0418  
на № 01/3-2822 от 18.07.2014 г.

## Отзыв о выполненных работах ПАО «Укрнефтехимпроект»

Уважаемый Анатолий Станиславович!

С 2000 года и по настоящее время ПАО «Укрнефтехимпроект» выполняет работы по проектированию, авторскому надзору за строительством и пуско-наладке объектов ООО «РН-Комсомольский НПЗ».

За период с 2011 по 2014 гг. силами ПАО «Укрнефтехимпроект» были выполнены следующие работы:

- разработка проектов «Установка изомеризации (2 очередь)», «Комплекс гидрокрекинга. ОЗХ Комплекса гидрокрекинга. Азотная установка и емкости хранения», «Комплекс гидрокрекинга. ОЗХ Комплекса гидрокрекинга. Воздушная компрессорная», «Закрытый коллектор ручья «Клюквенный», «Резервуары 2x2000 м<sup>3</sup> (тип.4411)», «Резервуары 2x3000 м<sup>3</sup> (тип.4411)», «Открытая насосная перекачки автобензинов», «Региональный учебный центр (РУЦ)», «Техническое перевооружение. КУЗК. ОЗХ. ППУЗК. Факел. Инв. №101805619», «Склад хранения реагентов и катализаторов», «Пожарное депо», «Реконструкция. Эстакада слива нефти и налива темных нефтепродуктов инв. №900471», «Реконструкция. Эстакада светлых нефтепродуктов инв. №900469», «Реконструкция. УЗК. Блок сбора и подготовки воды для гидрорезки кокса. Инв. №101805375».

- осуществление авторского надзора за строительством объектов общезаводского хозяйства Комплекса установки замедленного коксования, «База хранения и отгрузки сжиженных газов», «Реконструкция установки каталитического риформинга инв.№100027769».

- пуско-наладочные работы по объектам общезаводского хозяйства Комплекса установки замедленного коксования.

Проектно-исследовательские работы ПАО «Укрнефтехимпроект» были выполнены в соответствии с действующими нормами и правилами, согласно заданию на проектирование и условиям заключенного договора, с надлежащим качеством, но с нарушением договорных сроков. При выполнении ПИР максимально учитывались пожелания ООО «РН-Комсомольский НПЗ» и использовались современные достижения науки и техники.

По выполнению работ по авторскому надзору за строительством и пуско-наладке объектов предприятия существенных нареканий у ООО «РН-Комсомольский НПЗ» не имеется.

Приложение:

1. Письмо ПАО «Укрнефтехимпроект» №01/3-2822-з от 18.07.2014 года.

Заместитель генерального  
директора по развитию

Исп. Ваганова М.С.  
Тел. (4217) 52-58-43

М.Г. Мурашенко

Председателю правления  
ПАО «Укрнефтехимпроект»  
А.С. Левандовскому  
E-mail: [unxp@unxp.rel.com](mailto:unxp@unxp.rel.com)

04655, Украина, г. Киев,  
Ул. Кудрявский спуск, 5-б  
Тел.: 38 (044) 463-70-39,  
Факс: 38 (044) 272-18-03.



ОТКРЫТОЕ АКЦИОНЕРНОЕ ОБЩЕСТВО «САМАРСКИЙ ИНСТИТУТ ПО ПРОЕКТИРОВАНИЮ ПРЕДПРИЯТИЙ  
НЕФТЕПЕРЕРАБАТЫВАЮЩЕЙ И НЕФТЕХИМИЧЕСКОЙ ПРОМЫШЛЕННОСТИ»  
(ОАО «Самаранефтехимпроект»)

Почтовый адрес: ул. Ново-Сарайки, д.11, г. Самара, 443110  
Место нахождения: Российская Федерация, г. Самара, ул. Ново-Сарайки, д. 11  
Телефон: (8463) 278 50 03, факс: (8463) 278 50 00, e-mail: [sain@unxp.ru](mailto:sain@unxp.ru)  
ОКПО: 00145995, ОГРН: 1026301156716, ИНН/КПП: 6316012356/631600001

от 04.07.2014 № 2/14035  
на № \_\_\_\_\_ от \_\_\_\_\_

Председателю правления  
ПАО «Укрнефтехимпроект»  
А.С. Левандовскому

[unxp@unxp.rel.com](mailto:unxp@unxp.rel.com)

Касается referенции

Уважаемый Анатолий Станиславович!

ОАО «Самаранефтехимпроект» сотрудничает с ПАО «УКРНЕФТЕХИМПРОЕКТ» с 2009 года.

За время совместной работы были выполнены следующие проекты:

- Разработка рабочей документации «Комбинированная установка КУ-1. Секция 5000. Замедленное коксование» для ООО «РН-Туапсинский НПЗ»;
- Разработка рабочей документации «Комбинированная установка №3» для ООО «РН-Туапсинский НПЗ»;
- Выполнение проектных работ «Узел приема и хранения МТБЭ» для ООО «РН-Туапсинский НПЗ»;
- Разработка рабочей документации «Ремонтно-механический цех. Инженерная база» для ООО «РН-Туапсинский НПЗ»;
- Разработка рабочей документации «Узел оборотного водоснабжения №2» для ООО «РН-Туапсинский НПЗ»;
- Разработка рабочей документации «Узел оборотного водоснабжения №3» для ООО «РН-Туапсинский НПЗ»;
- Разработка проектной документации «Комплекс производства присадок к топливам» для ООО «Новокуйбышевский завод масел и присадок».

ОАО «Самаранефтехимпроект» выражает благодарность коллективу ПАО «УКРНЕФТЕХИМПРОЕКТ» за проделанную работу, принятые технические решения и оперативность выполнения поставленных задач.

И.о.Генерального директора

В. Ф. Радин

Исп. Ретлинг И. Г.  
тел. (8463) 278-52-84

Визы:  
Лужнов М. Г.  
Тимофеев В. И.

# CUSTOMERS REVIEWS



**ОТКРЫТОЕ АКЦИОНЕРНОЕ ОБЩЕСТВО  
«АЧИНСКИЙ НЕФТЕПЕРЕРАБАТЫВАЮЩИЙ ЗАВОД ВОСТОЧНОЙ НЕФТЯНОЙ КОМПАНИИ»  
(ОАО «АНПЗ ВНК»)**

Почтовый адрес: 662110, Республика Хакасия, г. Ачинск, ул. Коммунальная, 662110  
Юридический адрес: 662110, Республика Хакасия, г. Ачинск, ул. Коммунальная, 662110  
Телефон: 8(39159) 5-33-10, факс: 8(39159) 5-37-10, e-mail: anpz@vnc.ru  
ОГРН 03747203, ОГРН 1022401153532, ИНН/КПП 244000518/087150001

от 22.07.2014 № 304/09415

на № \_\_\_\_\_ от \_\_\_\_\_

Председателю правления  
ПАО «Укрнефтехимпроект»  
А.С. Левандовскому  
E-mail: unxp@unxp.relc.com

Касательно:  
Отзыв о работах ПАО «УНХП»

**Уважаемый Анатолий Станиславович!**

Сотрудничество ОАО «Ачинский НПЗ ВНК» с ПАО «Укрнефтехимпроект» началось в 2004 года и продолжается в настоящее время. За 10 лет ПАО «Укрнефтехимпроект» выполнялись следующие работы:

- проекты общезаводской централизованной операторной №1 и №2, оба проекта завершены;
- разработка проектной и рабочей документации комбинированной установки производства нефтяного кокса (КУПНК). Документация разработана в установленные договором сроки, получено положительное заключение Государственной экспертизы проектной документации, в настоящий момент ведется строительство КУПНК;
- авторский надзор за строительством объекта «Комбинированная установка производства нефтяного кокса, Общезаводская централизованная операторная».

Все работы выполнялись ПАО «Укрнефтехимпроект» в соответствии с действующими нормативными документами в установленные договором сроки.

С уважением,  
Заместитель Генерального  
директора по развитию

Д.А. Мельчаков

СП. Шевырь  
Исполнитель  
Усков Давид Владимирович  
тел 8(9159) 5-36-42  
E-mail: uskovd@anpz.vnc.ru



**ГРУППА КОМПАНИЙ «ТРАНСБУНКЕР»  
ООО «Ванинский нефтеперерабатывающий завод»**

Одесская ул., 1А  
Ванино, Хабаровский край, Россия, 682860  
Тел: +7 (495) 9610294, +7 (42137) 51212  
Факс: +7 (495) 5852751, +7 (42137) 51239  
E-mail: info@holding-office@transbunker.com

Исх. № 289/РС от 05.09.2014

На вх. № \_\_\_\_\_ от \_\_\_\_\_

Председателю правления  
ПАО «Укрнефтехимпроект»  
Левандовскому А.С.

Отзыв о проектных работах института

Сотрудничество наших специалистов с ПАО «УКРНЕФТЕХИМПРОЕКТ» началось в 2000 году с проектирования малотоннажной установки по приготовлению топлива для судовых двигателей (п.Ванино Хабаровского края), с последующим выполнением ПАО «УКРНЕФТЕХИМПРОЕКТ» авторского надзора за строительством данного объекта.

В настоящее время на стадии реализации находится проект нефтеперерабатывающего комплекса.

Проектная и рабочая документация, разработанная ПАО «УКРНЕФТЕХИМПРОЕКТ», отличается высоким уровнем технологической проработки, техническими решениями, соответствующими современному уровню развития науки и техники; комплексным подходом к обеспечению безопасной эксплуатации производства и условий труда обслуживающего персонала, соблюдением действующих норм промышленной безопасности.

ООО «Ванинский НПЗ» рекомендует ПАО «УКРНЕФТЕХИМПРОЕКТ» в качестве профессионального, компетентного и надежного партнера в сфере предоставления инженеринговых услуг.


Директор по  
строительству НПК

В.Ю. Кочнев





# CUSTOMERS REVIEWS

  
**ОТКРЫТОЕ АКЦИОНЕРНОЕ ОБЩЕСТВО  
«АНГАРСКИЙ ИНСТИТУТ ПО ПРОЕКТИРОВАНИЮ ПРЕДПРИЯТИЙ НЕФТЕПЕРЕРАБАТЫВАЮЩЕЙ И  
НЕФТЕХИМИЧЕСКОЙ ПРОМЫШЛЕННОСТИ»**  
(ОАО «Ангарофтехимпроект»)

Почтовый / юридический адрес: ул. Чайковского, 58, г. Ангарск, Иркутская область, 665119  
телефон (9553) 47-47-30; факс (9553) 56-28-53; e-mail: anipr@anipr.ru  
ОКПО 00151584, ОГРН 1024800220402, ИНН/КПП 2801300449/2801301001

от 31.07.14 № 20-13.10.9 Председателю Правления  
на № 01/3-2825 э от 18.07.2014г. Л.С.В.С. ПАО «УКРНЕФТЕХИМПРОЕКТ»  
Левандовскому А.С.

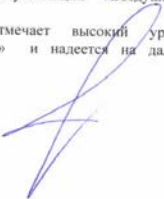
Касается отзыва о проектных работах института

Уважаемый Анатолий Станиславович!


На Ваш запрос №01/3-2825 э от 18.07.2014г. сообщая, что ОАО «Ангарскнефтехимпроект» начало свое сотрудничество с ПАО «УКРНЕФТЕХИМПРОЕКТ» при разработке проектной и рабочей документации по объекту «Установка производства серы» в 2010 г. На протяжении последующих лет был выполнен еще ряд проектов, среди которых:


1. Разработка проектной и рабочей документации по объекту «Комплекс сернокислотного алкилирования» для ОАО «Ангарская нефтехимическая компания».
2. Выполнение проектной и рабочей документации «Модернизации технологического оборудования установки ГФУ цеха № 17/19» для ОАО «Ангарская нефтехимическая компания».
3. Выполнение проектной документации «Установка ЭЛОУ+АВТ-6» для ОАО «Ангарская нефтехимическая компания».
4. Разработка рабочей документации по объекту «Установка производства водорода» для ОАО «Ангарская нефтехимическая компания».
5. Разработка проектной и рабочей документации «Парк высокооктановых компонентов» для ООО «РН-Комсомольский НПЗ».
6. Разработка проектной и рабочей документации «Резервуары 2 x 3000 м.куб» для ООО «РН-Комсомольский НПЗ».
7. Разработка проектной и рабочей документации «Открытая насосная перекачки автобензинов» для ООО «РН-Комсомольский НПЗ».
8. Разработка проектной и рабочей документации «Воздушная компрессорная» для ООО «РН-Комсомольский НПЗ».

ОАО «Ангарскнефтехимпроект» отмечает высокий уровень профессионализма сотрудников ПАО «УКРНЕФТЕХИМПРОЕКТ» и надеется на дальнейшее взаимовыгодное сотрудничество.

И.о. генерального директора  В.А. Кабышев

Илп Формат МКО  
Тел (9553) 578004 167



  
**ОБЩЕСТВО С ОГРАНИЧЕННОЙ ОТВЕТСТВЕННОСТЬЮ «НОВОКУЙБЫШЕВСКИЙ ЗАВОД МАСЕЛ И ПРИСАДОК»  
(ООО «НЗМП»)**

Почтовый/юридический адрес: ул. Производственная, 2, г. Новокуйбышевск, Самарская обл., 446207  
Телефон: (846 55) 3-41-28; факс: (846) 377-35-70; телефакс: 242714; РРМА-811; e-mail: zakr\_top@nizmp-rosneft.ru  
ОКПО 48120848, ОГРН 1026303118181, ИНН/КПП 6330017363/631050001

от 14.08.2014 № 34-8260  
на № \_\_\_\_\_ от \_\_\_\_\_


Председателю Правления  
ПАО «УКРНЕФТЕХИМПРОЕКТ»  
А.С. Левандовскому

**ОТЗЫВ**

ООО «Новокуйбышевский завод масел и присадок» работает с ПАО «УКРНЕФТЕХИМПРОЕКТ» на протяжении последних трех лет. В 2010 году была разработана проектная и рабочая документация по объекту «Установка ВТ», а в 2012г. – 2013 г. осуществлен авторский надзор за строительством, соответственно в 2014 году было проведено техническое сопровождение данного объекта. Также, в 2013 году разработана проектная и рабочая документация «Комплекс производства присадок к топливам».

Проектная и рабочая документация разработана в соответствии с действующими на территории Российской Федерации нормативно-техническими документами и законодательно-правовыми актами, что подтверждается положительным заключениями Главгосэкспертизы России, экспертизы промышленной безопасности, государственной экологической экспертизы.

За период сотрудничества ООО «Новокуйбышевский завод масел и присадок» и ПАО «УКРНЕФТЕХИМПРОЕКТ» сложилась хорошая практика взаимодействия на многосторонней основе, а также нарабатанные деловые связи позволяют рассчитывать на дальнейшее партнерство.

Заместитель генерального директора –  
технический директор  М.В. Ларюхин

# CUSTOMERS REVIEWS



ОТКРЫТОЕ АКЦИОНЕРНОЕ ОБЩЕСТВО  
**ПЕНЗЕНСКИЙ ЗАВОД  
химического машиностроения**  
(ОАО «ПЕНЗХИММАШ»)



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на № \_\_\_\_\_ от \_\_\_\_\_  
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Председателю Правления  
ПАО «УКРНЕФТЕХИМПРОЕКТ»  
Левандовскому А.С.

## Отзыв о ПНР

Сотрудничество ОАО «Пензхимаш» с ПАО «УКРНЕФТЕХИМПРОЕКТ» началось в 2010 году. За время совместной работы были выполнены следующие пусконаладочные работы:

1. Пуско-наладочные работы по печи П-200 на объекте «Печь П-200 блока БСФ установки Л-35/11-1000 ОАО «Куйбышевский НПЗ»;
2. Пуско-наладочные работы печи П-101 установки висбрекинга на площадке ОАО «Куйбышевский НПЗ»;
3. Пуско-наладочные работы по печи П-1 нагрева широкой масляной фракции для вакуумной колонны К-1 установки ВТ ООО «Новокуйбышевский завод масел и присадок»;
4. Пуско-наладочные работы и вывод на режим печей П-101/П-102 и П-103 установки фракционирования конденсата газового стабильного на площадке ООО «НОВАТЭК-УСТЬ-ЛУГА»;
5. Пуско-наладочные работы и вывод на режим печей П-201/П-202 и П-203 установки фракционирования конденсата газового стабильного на площадке ООО «НОВАТЭК-УСТЬ-ЛУГА»;
6. Пуско-наладочные работы печи П-1 на объекте «Установка переработки газа № 2. Установка низкотемпературной конденсации и наружное оборудование. Реконструкция на промышленной площадке ОАО «Губкинский ГПК»;
7. Пусконаладочные работы по сушке печей 02-П-4, 02-П5 для реализации проекта «Комплекс установки низкотемпературной изомеризации» на территории ЗАО «РНПК»;

8. Пусконаладочные работы по сушке печей 01-П1, 01-П2, 02-П-3А,Б (2 шт.) для реализации проекта «Комплекс установки низкотемпературной изомеризации» на территории ЗАО «РНПК».

Все работы были выполнены в соответствии с действующими нормативными документами. Профессионализм инженерно-технических сотрудников, понимание уровня ответственности и четкое выполнение своих обязательств является визитной карточкой ПАО «УКРНЕФТЕХИМПРОЕКТ».

Надеемся на дальнейшее плодотворное и взаимовыгодное сотрудничество.

С уважением,  
Генеральный директор

И.В. Козин

Исполнитель: Домашевский А.Н.  
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# QUALITY MANAGEMENT SYSTEM



Quality of Public JSC "UKRNAFTOKHIMPROECT" works has been approved by Quality Management System certificate according to International Standard ISO 9001:2008 (initial certification – 2003 year)

## Main Goals of quality are:

- ❖ meeting the increasing demands of customers (consumers) to product quality
- ❖ development (mastering) of new designing programs to occupy the leading position in the design and survey market





# OUR ADVANTAGES

- ✓ More than 55 years experience in designing
- ✓ Use of modern technologies
- ✓ Use of the licensed software
- ✓ Compliance with safety regulations and environmental protection
- ✓ Broad reference of completed projects
- ✓ Assured quality and reliability
- ✓ The company focuses on long-term cooperation
- ✓ Availability of the valid international certificates

**QUALITY OF OUR PROJECTS AND RELIABILITY  
OF WORK - THE KEY TO CUSTOMER'S SUCCESS**





# Contacts

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