



LTD GROUP of COMPANIES "RUSGROUP MOSCOW"

OIL AND GAS OUTPUT AND THEIR PROCESSING





THE RUSSIAN FEDERATION





LTD GROUP of COMPANIES
"RUSGROUP MOSCOW"

Dear partners we are glad to inform you that we perform as the most successful and reliable company in the building field.

LTD GROUP of COMPANIES "RUSGROUP MOSCOW" was organized for alliance and international operation of Russian leading firm in many spheres, for example:

- Building of houserooms, social objects and commercial broker;
- Modernization, rebuilding and maintenance of parallel-flow and concerned equipment;
- Performance of single project works;
- Oil and gas output, their refining.

Company has all required licenses and permissions for all performed actions.

Our company sets ambitious targets and never is satisfied with achieved results. We want that client could completely trust our experience and expertise not only in Russia but in all countries where they need professionally fulfilled objectives. We believe that there is always an opportunity for continuous improvement of our product, improvement of employees' qualification level, waste reduction and quality guarantee for our customers.

We always carefully listen to customers' requirements and partners' wishes, cohering our experience with experience of leading companies.

We are interested in using of new technologies and try to be in the swim of all gadgets at the market. Our company cooperates with partners from the Ukraine, Belorussia, Kazakhstan, Turkey, United Arabs Emirates, Syria and Jordan.

One of the objectives for establishing of this company group is to support economy and infrastructure development in Iraq. We are also interested in development of commercial and economical relationship between Russia and Iraq, particularly successful returning of Russian companies to Iraq market. It is possible due to cooperation with Iraqi partners in oil and gas output, electrical, building and other industries.

We are sure that together we can achieve the success and will be glad to take part in sharing projects and cooperation.

One of the important directions of our work is the construction and maintenance of oil, gas and bitumen plants of any capacities for the production of any kind of oil and gas output products.



General view

Our company employs dozens of engineers and designers with extensive experience in oil refining. Welders and fitters in our organization have international Certificates and certifications, work experience on Marine drilling platforms and refineries around the world.

This is just one example of our projects for the construction of modern refineries in Iraq- asphalt plant with capacity of 1000 tons per day.

Brief description of the bitumen plant.

The plant consists of a process area with the equipment and columns, discharge area for raw materials, the loading area for ready products in vehicles, Tank Park, boiler sites, the generators site, electrical substations, the operator room for the automation control, weighting site, laboratory, living rooms for staff, office and other. This plant complies with the most modern world technical standards. It operates under scheme of full automation of production process using the latest temperature and pressure sensors, valves and software of European manufacture for safe and reliable operation of the plant. Technological equipment of the plant is made of stainless steel, titanium and special high-temperature metal.

Plant produces five types of ready-made product from fuel oil:

1. Road bitumen corresponding U.S. standards
2. Diesel fuel
3. Lightweight vacuum gas oil
4. Heavy vacuum gas oil
- 5 Darkened products

Brief description of the technological scheme of the plant.

Asphalt plant operates on a two-column scheme. Raw material- fuel oil, delivered by vehicles to the discharge site that takes six cars at the same time. Fuel oil is pumped into the raw tanks equipped with a heating system to prevent solidification of products - 3 units by



Platforms with equipment and rectification columns made from stainless steel and titanium



Oxidation columns made from high-temperature steel



Furnaces made from special high-temperature steel, brick lining with asbestos for temperatures up to 1000 C

2000m³ each. From the raw tanks fuel oil fed after heating in heat exchangers to the atmospheric column which separates the water vapor and light hydrocarbons. From the bottom of the atmospheric column pumping fuel oil goes through the coils of furnaces in a vacuum tower where split into five fractions: Light fuel oil, light vacuum gas oil, heavy vacuum gas oil, tar and blacked-out product. All products except the tar sent after cooling in heat exchangers and coolers to the ready product tanks but tar is sent to oxidation unit, were in the reactors of the continuous oxidation by contact with air turns to bitumen and after also goes to the ready product tanks- 6 units, as well gases resulting from oxidation of tar sent to afterburning in a special furnace.

Ready bitumen loading from the loading site which can serve at the same time 6 vehicles.

Brief description of process equipment.

Columns 4 pieces:

1. Atmospheric column (stainless steel)
2. Vacuum column (stainless steel)
3. Oxidation column-1 (high temperature steel)
4. Oxidation column-2 (high temperature steel)

Heat exchangers - 15 pieces (material - stainless steel and titanium)

Furnaces - 2 pieces (high-temperature steel)

Pumps with large capacity (high-temperature performance, explosion-proof) -20 pieces

Pumps with low capacity (high-temperature performance, explosion-proof)

Steam boilers- 2 pieces

Boilers heat carrier- 2 pieces

Raw tanks equipped with a heating system to prevent solidification of products – 3 units 2000m³ each.

Tanks for ready products equipped with a heating system to prevent solidification of products-6 units 2000m³ each.

Water Coolers with high capacity- 5 pieces.

Air Coolers with high capacity- 2 pieces.

Afterburning furnace for gases.

Fire-extinguishing systems

Automation systems.



Raw materials tanks and ready product tanks equipped with a heating system to prevent solidification of products, automated filling control, insulated.



Boilers with automation.



Automation electrical equipment made in Europe.



Pumping facilities (high-temperature execution) with automation.



Operator room with modern automation control computers and screens.



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Construction 1 of 5 refineries in Iraq (Kirkuk)

Photo



























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CJSC «DRUZA»

The company is created in May, 2009. The object of a company is the complex performance of all kinds of design, construction-assembly and commissioning works of civil and industrial objects, including heightened danger objects which are under control of ROSTEHNADSOR (the Russian Federation)

In 2000 years the factory management took a decision on development of a new direction - application on pipes of an isolating coating on a basis extruded polyethylene. The great demand for the insulated pipe in the Orenburg area and the neighboring regions has confirmed perceptivity of this activity. In December 2001, the line on application of external anticorrosion coating on pipes in diameter from 57 to 426 mm has been started.

High quality of pipes with a corrosion-resistant coating and convenient geographical location of plant cause wide use of pipes with mark JSC «Druza» for building oil and gas pipe-line and various application pipelines. CJSC «Druza» provides with tubeworks the largest companies: LLC «Gazprom dobycha Orenburg», «TNK-BP». «Sroytransgas» (Moscow), JSC «Srednevolzhskaya gas company» (Samara), JSC «Gasservice» (Ufa). 2-layer coating on a basis extruded polyethylene is put in the flow line on steel electric-welded longitudinal or weldless tubes in diameter from 57 to 426 mm. Insulated pipes correspond to TU 1390-004-11928001-01 «Steel tubes with external 2-layer coating on the basis of extruded.

The enterprise produces double-pipe section with weld procedure observance of thick-wall pipe, heat treatment of weld, quality control and further application of insulating coating.

The construction and installation activity dynamically develops according to the building license, CJSC «Druza» works on extra-hazardous objects of oil-and-gas industry, objects of LLC «Gazprom dobycha Orenburg» and «TNK-BP», objects of the petrochemical industry.

At the present time the construction and installation works on arrangement of Ust-Tegusskoye field (Central Gathering Station) in the Tyumen region are conducted.

The main activities of the company are searching and operational drilling of oil and gas wells, cutting of side shafts, current and capital repair wells, development and accompaniment of boring solution, providing of drilling peeling system, tamping works.



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CJSC "DRUZA"
CJSC «ORENBURGNIPINEF»
ENGINEERING FIRM «ELECON»
CJSC "ENERGOCHIMZASHITA"
"SPEZENERGOMONTAJ" Ltd.
OJSC "TATNEFTDORSTROY"



CJSC «Druza» completes the range of works:

- projects construction of oil and gas extraction industries (welding, installation, insulating-laying and commissioning works), developing oil and gas fields; construction of main oil and gas pipeline;
- construction and installation of technological equipments and pipelines enterprises of fuel, extractive, chemical petrochemical industry and main pipeline enterprise;
- construction of external and inner utility facilities and systems, communications and equipments, laying-out of oil and gas pipelines;
- projects construction of gas service.

The enterprise produces turned down (bends R-3-5D from 57 to 352 mm) on pipe-bending machine with the help of induction heating with their following isolation.

Projects:

NDT inspection laboratory of welded joints:
ultrasonic control;
X-ray investigation;
magnafix inspection;
capillary analysis.





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CJSC «ORENBURGNIPINEF»

Geology department of Oil and Gas

direction substantiation for GRR concentration, choice recommendations of license areas;

quantitative assessment of oil and gas resources in elements of oil and gas geological zoning, finding of unexplored resources;

programming of exploration works and packets of geological information on the license areas;

solving of substandard problem with the purpose of oil and gas presence prognosis (correlation of gravity and seismic exploration, paleogeography, fades, seismic stratigraphy and etc.);

geological planning exploratory drilling accounts.

The environmental appropriation services include the development of EPD (environmental protection department) and EIAP (environment impact assessment procedure) consisting of exploratory and project document (PED, drilling, technological schema, arrangement and etc.)

Geochemical survey department

surface and deep-earth test of oil;
hydrodynamic investigation of wells;
oil process loss;
definition hydrodrosulfide content in water;

ENGINEERING FIRM «ELECON»

About Company

This enterprise represents a wide spectrum of services in designing, installation and service of engineering networks, from low-current systems including the structured computer networks, systems of automation, telecommunication, telecommunication systems, the monitoring system and management of access to an electrical supply of industrial and civil objects.



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At work with each client all services are given in a complex. That is the important factor as the customer does not have necessity to address in the different organizations having the license of one activity status. We have necessary licenses and permissions, we offer a full complex of services including:

1. Designing of engineering networks of any difficulty.
2. Project documentation agreement with all interested organizations.
3. Installation engineering networks with execution of permits, licenses, approvals and technical operations documents.
4. Acceptance and preventive tests.
5. Turnkey basis of objects with execution of documents.
6. Technical service of engineering networks of any difficulty
7. Equipment configuration
8. Team-work of departments provides high quality, reliability and timeliness of all service spectrum.

Our activities are:

The fundamental advantage of our company is in the following: in the case of your project realization by the force of our company there is no necessity in coordination of work between mounters and designers. All difficulties of coordination we take upon ourselves. Corrective actions in the course of building will not make difficulties for you.

Our professions

- designing of engineering networks;
- electric power supply;
- automatization (instrumentation and automated control systems), connection and telephony;
- electrotechnical laboratory;
- service electrical installation.

Electric Power Supply

The main company profile of «Electron» is electric power supply of industrial and civil objects, after-sales and post-warranty service, including:

- light Illumination;
- cable Networks;
- airways;
- distributing Mains;
- transforming Station;
- electric Power Installation.





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Whether it be office or manufacture, you remove all cares en electrical safety and will reduce accident risk on your objects, and also reduce charges of your own personnel (there is no necessity to employ electricians and power engineers etc.). Besides it our operating personnel will help you in settlement of question with supervising bodies (ROSTEHNADZOR, building control department).

Realized projects:

electric power supply of Orenburg State University library;
electric power supply of JSC «BankOrenburg» in Orenburg town;
electric power supply of Ice sports palace in Mednogorsk town of Orenburg region;
electric power supply, telecommunication system, automatization of sports complex with
swimming-pool in Orenburg;

CJSC "ENERGOCHIMZASHITA"

Production Technical Department realizes technical control of PSD, distributes works to the areas, estimates cost, prepares production accounts, drafts contractor's agreements, controls the use of building materials in accordance to cost norms, completes the ready objects executive documentation.

The short list of earlier executed works:

- building of the storehouse of the maturation of the stern additives by capacity - 450 tn. on "Balakovskie mineral fertilizers" Ltd. (production and mounting of metallic constructions, rust-protection of metallic constructions) production and mounting of buildings and constructions frameworks
- rust-protection of buildings metallic constructions of "BMU" Ltd.
- rust-protection of equipment and by means of brick acidproof on silicate putty or on putty "Arzomit" ("BMU" Ltd.),
- lining of drying tower poz.857-1 and poses. 852-1 and contact device poz.890 and poz.890-1. ("BMU" Ltd.),
- heat protection caldron RKS-95/4.0-440 ("BMU" Ltd.),
- heat insulating the gas pipes of the contact device and caldron RKS-95/4.0-440 SKP ("BMU" Ltd.) repair of under crane ways CFS "BMU" Ltd.
- repair of 3 sectional chillers on "Balakovskie mineral fertilizers" Ltd. production and mounting of acid tanks with volume of 2700 m³.



- rust-protection and heat insulation of object order pipe lines 1282- OPIUM in settlement Gorniy (FGUP USST 5)
- lining of foreign equipment object order 1228 in settlement Gorniy of Saratovskoy Region (FGUP USST 5) technological equipment repair and technological pipe lines repair , and repair of lining and furnace refectories, tanks and apparatuses, constructions shotcreting, repair of made of brick pipes on CJSC "Novokuybishevskaya Petrochemical Company" repair of technological equipment and technological pipe lines on the objects of "Service Company"

Volume of the general contractor's released work:

- for 2003 was - 52 million rub. -for 2004- was 38,9 million rub.
- for 2005 was - 105,1 million rub.
- for 2006 was - 98,3 million rub.

"SPEZENERGOMONTAJ" LTD

"Spezenergomontaj" Ltd. Performs assembling works using welding during building, reconstruction and capital repair of industrial objects of chemistry, petrochemistry, energetic, gas processing, nuclear energy that are under control of the Russian Rostekhnadzor.

During its activity the company took part site welding works at the following objects:

1. OJSC "Nizhnekamskneftehim"

building of the own power-supplier of gas-turbine installation 25x3 megawatt
reconstruction with furnace replacement
production of decibel and water environment pollution assesment
building of covered ice palace in Nizhnekamsk city
manufacturing reconstruction of "Ethylene-450"
polypropylene manufacturing building
polyethylene manufacturing building

2. OJSC "TAIF"

petrol plant and gas condensate plant building





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3. OJSC "Kazanorsintez"

Baltic Finance Agency manufacturing building

4. Sugar plants in Zainsk, Nurlat, Buinsk cities
heat electropower station building

5. OJSC "Transneft"
pouch park building

6. Kalinsk atomic power station
power unit building

7. OJSC "Tatneft"
object reconstruction of Tatneftegazpererabotka management in
Almetevsk city

8. OJSC "Taneko"
building of "Non-commercial and petrochemical plant complex"

9. Volgodonsk atomic power station – power unit building

10. Balakovo Atomic Power Station
power Unit Building

11. Kazanaya Heat Electropower Station-1
building Of Power Unit Gas-turbine Installation

12. Kazanaya Heat Electropower Station -2,3
capital Repair Of Power Units

13. Zainskaya State Regional Power Station
power Unit Reconstruction



OJSC "TATNEFTEPROVODSTROY"

Open joint-stock company "Tatnefteprovodstroy" is registered by the state registration chamber under the rt ministry of justice on may 28, 1998 (registration no. 888/k).

Tatnefteprovodstroy took an active part in construction, development and formation of transportation links of great importance for economic progress. among the most important ones are oil and gas pipelines: "druzhba", tengiz-novorossjysk,"soyuz", "urengoy-pomary-uzhgorod", "progress", "center-1", "center-2", yamburg-tula-1, yamburg-tula-2 and many others. Our staff contributed its

share in the creation of production areas of Kamaz and Elaz, and housing estate construction in Kazan and Naberezhnye Chelny.

On development of maintenance base, engineering capabilities, skills and staff professionalism, tatnefteprovodstroy broadened geography of work from pacific oceanfront to western regions of the country. The brand tnps is well known in Iraq, Kuwait and other countries of the world.

Profile of operations executed

Multi-purpose complex of operations on construction of pipeline from steel and polyethylene pipes of different diameter up to 1420 mm, including:

- earth excavation;
- welding and installation works, including resistance welding of steel pipes;
- insulation installation operations, including deposition of insulation blankets from polymer ribbons, bitumen insulation;
- 9. Volgodonsk atomic power station – power unit building
- deposition of thermal pump buckets on welding joints of pipes with factory insulation;
- building of protective systems of steel pipelines from electrochemical corrosion;
- building of compressor pumping stations (gas distribution centers, gas-distributing units, automated gas-distributing stations)
- construction of utilities and hydraulic work
- OJSC Tatnefteprovodstroy has licenses for all types of profile construction, housing construction, utilities, industrial projects, earthworks.

From 1953 to 1978 the Trust constructed and commissioned 15 858 kilometers of pipelines of different diameter including: 7549 km of gas pipelines, 6303 km oil pipelines, 1606 km of oil products pipelines, 406 km of conduits, 36 complexes of oil pumping and compressor stations.

In the end of 1990s TNPS transformed into Joint-Stock company and has been actively participating in civil engineering in the Tatarstan. In 2000-2001 the trust participated in construction of utilities for new residential areas in Kazan, including the ones which were constructed in accordance with presidential program of liquidation of slum dwellings. It allowed tens of thousands Kazan families to move into new modern houses, and at the same time gave the "green light" to the beginning of "construction boom" in the nowadays Kazan.



