

JSC "Technogroup" enterprise was established in November 2002. to work in the field of pulp-and- paper industry. The company started its commercial operations with delivery and erection of equipment, repair and replacement of spare parts for lines of paper cutting and packing at American enterprises JSC «Svetogorsk» и JSC «B&K East», which are part of industrial holding International Paper. Having in the staff skilled and experienced workers and highly professional engineers, JSC "Technogroup" proved its ability to solve complicated technical problems promptly and with good quality, which resulted in getting new volumes of work and starting different fields of activity.

In January 2004 our enterprise received an offer for servicing and repair of lines for paper cutting and packing from JSC «Svetogorsk» and won the tender on the competitive basis. This allowed us to form the first site on the base of pulp-and- paper enterprise JSC «Svetogorsk» in Leningrad region. Since 2009 till the present time at the site of JSC «Svetogorsk» erection works have been carried out, as well as manufacture of hydraulic pipelines CLS (ЦСС) (centralized lubrication system) BDM-4 (БДМ -4)(paper-making machine); at the production sites of PPB (ППБ - production of printing paper), PLB (ПЛБ - production of sheet paper), Timber exchange SRK-1 (CPK

-1), SRK-3 (

Автор: Administrator 23.05.2011 15:25 - Обновлено 11.03.2019 17:00

CPK

-3) metal works and welding works, electric filters servicing and repair and other works have been carried out.

In August 2004 the company entered the market of shipbuilding having signed a contract with JSC «Vyborg shipyard» for manufacture and erection of hydraulic pipelines and delivery of seamless pipes AISI316 made of stainless steel and joints of ERMETO type for orders 210-215 (a series of 6 tankers for Kazakhstan) and opened a permanent site in Vyborg, Leningrad Region.

The Baltic Inspection of Russian Marine Register of navigation confirmed good quality of work by issuing a relative Certificate № 05.00106.120 of 28.07.2005.

In December 2006 on the base of JSC «Vyborg shipyard» we started a new field of activity and began to build ship hulls. By July 2007, due to the support of JSC «Vyborg shipyard» management, our company carried out ship hull manufacture in building berth.

In 2008-2010.g. on a plot of JSC "Vyborgshipyard" performed works on manufacturing sections(20-100 tons) metal vessels and the formation of the corps 3 drilling platforms in the building berth, orders №102, №106, 107; manufacture and erection of hydraulic pipe-lines of high pressure for systems of valves remote control, pneumatic systems, etc. Upper structures of drilling platforms «Polar Star»

и «Northern Lights» were finished in South Korea at « Samsung Heavy Industry» shipyard

For drilling platforms we manufactured the following sections:

102 order -210t

Автор: Administrator 23.05.2011 15:25 - Обновлено 11.03.2019 17:00

106 order-422t

107 order -3300t

Erected:

102 order -904t

106 order 1670t

107 order -6020t

In 2011 JSC «Technogroup» took part in the construction of «Northern Flow», having carried out manufacture and erection of pipe units of industrial pipe-lines at the construction site of compressor station UPGT CS(УΠΓΤ KC) – «Portovaya», the section of gas-pipeline Gryazovets-Vyborg (General contractor- JSC «Stroygasconsulting», Customer -Gas-Invest-West)..

At the site UPGT CS (УПГТ KC- Plant of Gas Preparation for transportation of compressor station) – «Portovaya» our company carried out works for по w elding of industrial pipe-lines with external diameter from 21,3 mm up to 500 mm with wall thickness from 3,7 mm up to 19 mm made of carbon steel of ASTM type: A 516 Gr. 60 N (A 671 CC 60 cl.22); A 516 Gr. 70 N (A 671 CC 70 cl.22); A333 Grade 6; A420 WPL6; A350 LF2 cl.1, as well as connecting parts and steel fittings A 860 WPHY 60.

Total number of welded joints carried out by JSC «Technogroup» at UPGT CS (УΠΓΤ KC) – «Portovaya» amounts to 5200 joints (first stage). Besides welded joints we had carried out about 2500 threaded connections of pipes with diameter up to 88,9 mm.

Автор: Administrator 23.05.2011 15:25 - Обновлено 11.03.2019 17:00

In September 2011 a contract was signed with JSC «TrestRosSEM» at SMR of the 3rd power-generating unit of Volgodon NPS (Customer- Nizhniy Novgorod branch of the Ministry of Nuclear Industry of Russia). The works were completed in August 2012 in full volume; 3192 joints were welded.

In February 2012 our company have signed a contract with JSC "Stroygasconsulting", a current business-partner of JSC «Gasprom», for manufacture and erection of pipe joints of industrial pipelines at the site of CS-3 (KC-3) «Gagaratskaya» CS-1 (KЦ-1- compressor shop) (Vorkuta) in the composition of the construction project of Bovanenkovo-Ukhta gas trunks systems (1 line). In October 2013 in the conditions of Far North we completed the works in full volume: 9137 welded pipeline joints from ½ inches up to 12 inches.

Since February 2012 our own laboratory of undamaging control, JSC "GammaExpertGrupp" was licenced for the following (types) methods of control:

- Visual control (VIC);
- Ultrasonic control (USC);
- Capillary fault detection (PVC);
- Radiographic (X-ray) control (RC).

The field of the laboritory certification is in conformity with PB (ΠB) 03-440-02:

- Equipment of gas-and-oil-pumping stations;
- Industrial pipe-lines/;

The laboritary has got a complete staff of highly skilled specialists and operates hightech modern equipment.

Main kinds of activity:

1. Construction and erection works (erection of metal structures and equipment; assembly, welding and erection of pipelines).

2. Installation of ship systems and pipelines.

3. Assembly and welding of metal ships hulls.

4. Erection of hydrauling (pneumatic) pipelines made of stainless steel

(lines assembly on fittings with cut-in ring)). Manufacture and erection of industrial pipelines with threaded connections.

5. Erection of hydraulic pipelines and equipment for pulp-and-paper industry.

6. Delivery of component parts for gas transportation systems: steel pipes, connecting parts, laterals, T-joints, fittings, etc. from Russian and foreign suppliers.

7. Services in logistics of cargoes which locate in the territory of European Union, their customs clearance and delivery on DDU, DDP terms.

JSC «Technogroup» can carry out the following welding works:

RD (РД) — Manual covered-electrode arc welding.

RDN (РДН) — Manual covered-electrode arc overlay.

RAD (РАД)—Manual nonconsumable-electrode argon-arc welding.

MP (M Π) — Machine consumable-electrode welding in the active gases medium and mixtures.

MPG (МПГ) — Machine powder core welding порошковой проволокой in the active gases medium and mixtures.

AF $(A\Phi)$ — Automatic submerged welding.

In July 2014 a contract was signed with JSC "Stroytransgas Neftegasmontazh", a daughter company of JSC «Stroytransgas» for construction of UPGT ($Y\Pi\Gamma\Gamma$) of compressor station «Kazachya»

(Customer-Gasprom-Invest-West) of "Southern Flow" gas-pipeline. In March 2015 the first stage of CS (KC) «Kazachya» was completed. 910t of metal structures and equipment were erected, 7350 joints from $\frac{1}{2}$ inches up to 20 inches were welded, 2400 threaded joints were manufactured and erected. At the present time the company started the 2nd stage of construction and erection works (

CMP

) of compressor station and is bussy to form a pack of orders in oil-and-gas industry for 2015-2016.

Our company has got a neseccary experience, highly skilled technical-and-engineering staff (\mathcal{N} TP

), machinery, tools and equipment to carry out Your projects. More detailed information about JSC «Technogroup»

can be found on site : www.tgrupp.com

Автор: Administrator 23.05.2011 15:25 - Обновлено 11.03.2019 17:00



Faithfully yours,

Director General, JSC «Technogroup»

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Автор: Administrator 23.05.2011 15:25 - Обновлено 11.03.2019 17:00

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