



PRODUCT CATALOG

AO «NTZ «TEM-PO»
AO «ITZ»

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hctempo.ru


www.ntz-tempo.ru

[@hc_tempo](https://www.instagram.com/hc_tempo)



 COOPERATION

 QUALITY

 RELIABILITY

HOLDING COMPANY «TEMPO»



20

years of
effective work

120

hectares of
production areas

7

modern
manufacturing
plants

7

thousand
working places

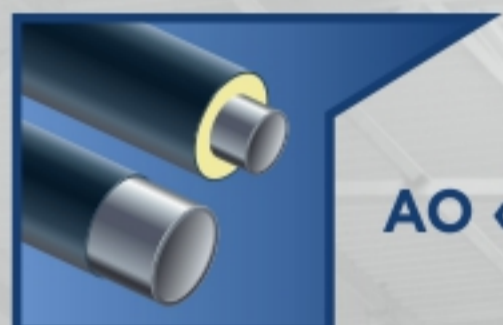
ENTERPRISES OF AO «HC «TEMPO»

8-800-775-20-21



AO «Naberezhnye Chelny Pipe Plant «TEM-PO»

| 15 years of effective work | 700 thousand tons of products per year
 • shaped steel pipes of square and rectangular section • electric-weld round pip • medium and large size steel • steel driving piles



AO «Conduit Pipes Plant»

| More than 5 years of effective work |
 • large diameter steel pipes • Steel pipes with outer and inner anticorrosion polymer coating • pipes with thermoinsulation of polyurethane foam with protective coating



AO «Kama metallurgical complex «TEMPO»

| More than 6 years of effective work | 500 thousand tons of products per year
 • construction fixtures • square billet



OOO «Trading Company «TEM»

Performs wholesale of the finished products of the holding enterprises to the domestic market and exports to near and far-abroad countries, offers special business terms and conditions for each customer.



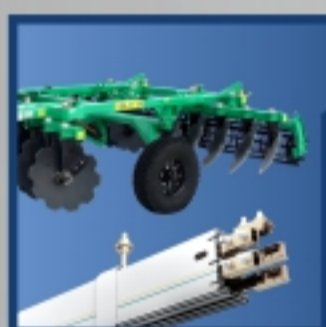
OOO «TEMPO-Logistic»

Provides services in freight transportation and dispatching to the enterprises forming a part of the holding, as well as to the third parties.



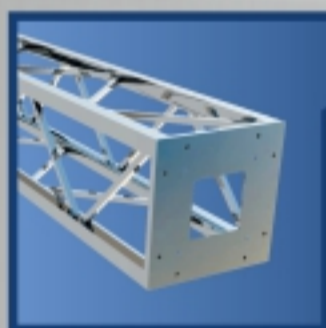
AO PTFC «Transport Electric Equipment Plant»

| More than 40 years of effective work |
 40 years of effective work:
 • BelAZ heavy-duty dump trucks • municipal electric transport • Russian Railways • excavators • cranes



AO «PTFC «TECHNOTRON»

| More than 20 years of effective work |
 • Automotive components for commercial vehicles • Tillage and trailer agricultural equipment for A.I.C. (agroindustrial complex) • Power supply system (trolley duct) for crane equipment and electric equipment



AO «Kama metalwork plant «TEMPO»

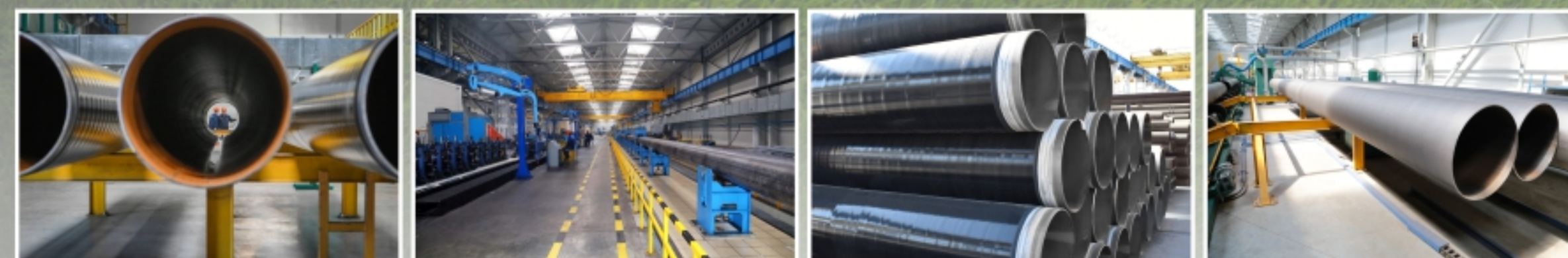
| More than 20 years of effective work | 90 thousand tons of products per year
 • Metalworks of any degree of complexity, including customized drawings and orders • Welded beams of any degree of complexity, including customized drawings and orde • Grating



OOO «Technotron-Metiz»

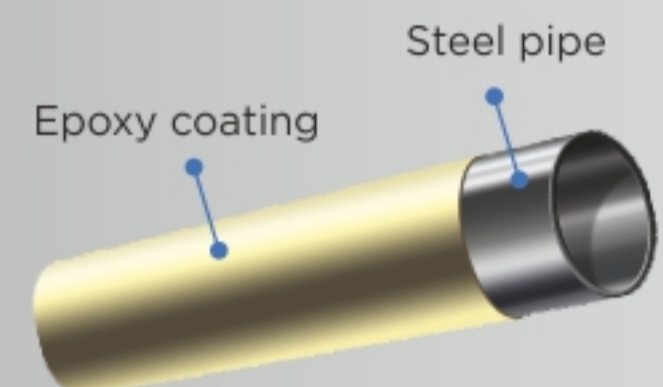
| More than 10 years of effective work | 24 thousand tons of products per year
 • hex bolt • hex nuts • rivets • flange bolts • flange nuts • weld nuts • gypsum board self-tapping screws • binding wire

NABEREZHNYE CHELNY PIPE PLANT «TEM-PO»



PIPES WITH ANTICORROSION POLYMER COATING

PIPE WITH OUTER EPOXY COATING



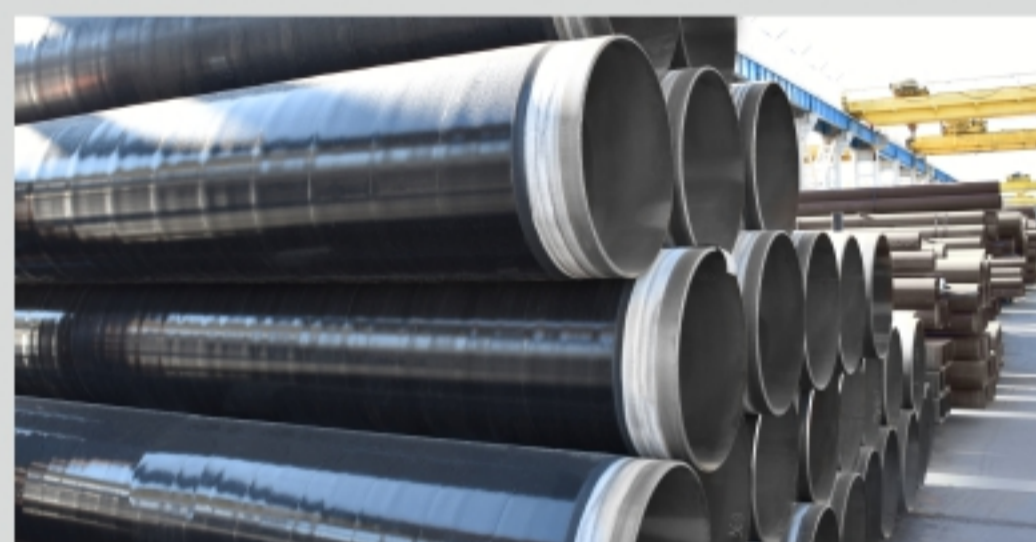
GOST R 51164-98 | GOST 31448-2012
GOST 9.602-2016
TR 1394-005-81068824-2016
(for PAO «Gazprom» needs)
TU 24.20.13-012-81068824-2020
(for PAO «NK Rosneft» needs)
TU 24.20.13-011-95435947-2023
TU 24.20.13-012-95435947-2023
(for PAO «Gazprom» needs)

Cross-sectional dimension of the pipe (mm)

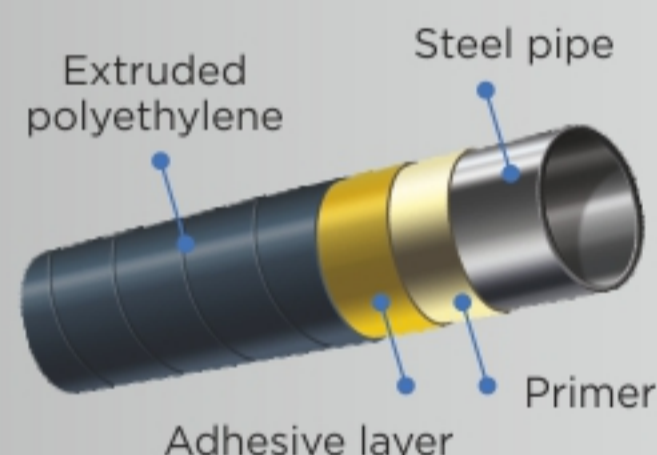
| | | | | |
|-------|-------|-------|-------|-------|
| Ø 219 | Ø 273 | Ø 325 | Ø 377 | Ø 426 |
| Ø 530 | Ø 630 | Ø 720 | Ø 820 | |

— Pipe length* from 8000 to 12000 mm —

*the length can be increased if required by the customer up to 18000 mm

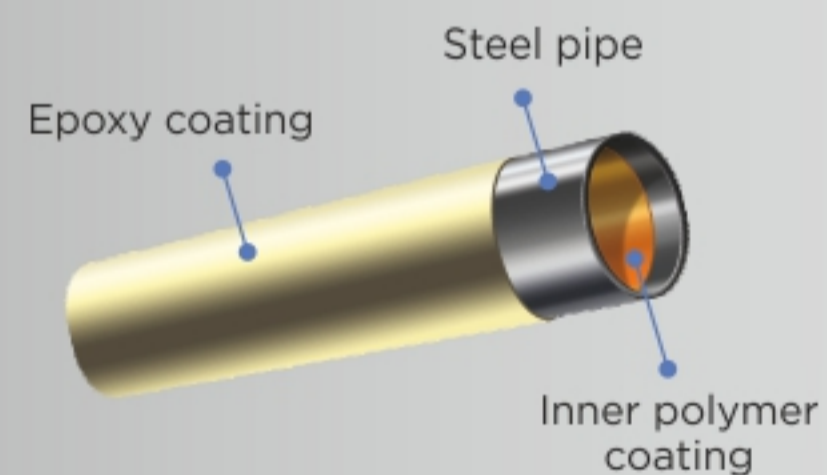


PIPE WITH OUTER THREE-LAYER POLYETHYLENE COATING



PIPES WITH ANTICORROSION OUTER AND INNER POLYMER COATING

PIPE WITH OUTER EPOXY AND INNER POLYMER COATING



TR 25.61.12-001-95435947-2017
(for leading oil and gas companies of the Russian Federation)

Cross-sectional dimension of the pipe (mm)

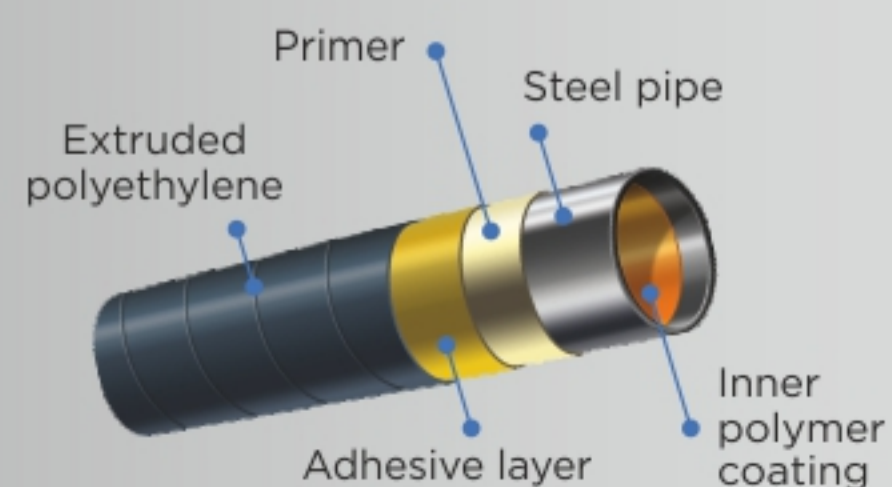
| | | |
|-------|-------|-------|
| Ø 219 | Ø 273 | Ø 325 |
| Ø 377 | Ø 426 | Ø 530 |
| Ø 630 | Ø 720 | Ø 820 |

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PIPE WITH OUTER THREE-LAYER POLYETHYLENE AND INNER POLYMER COATING



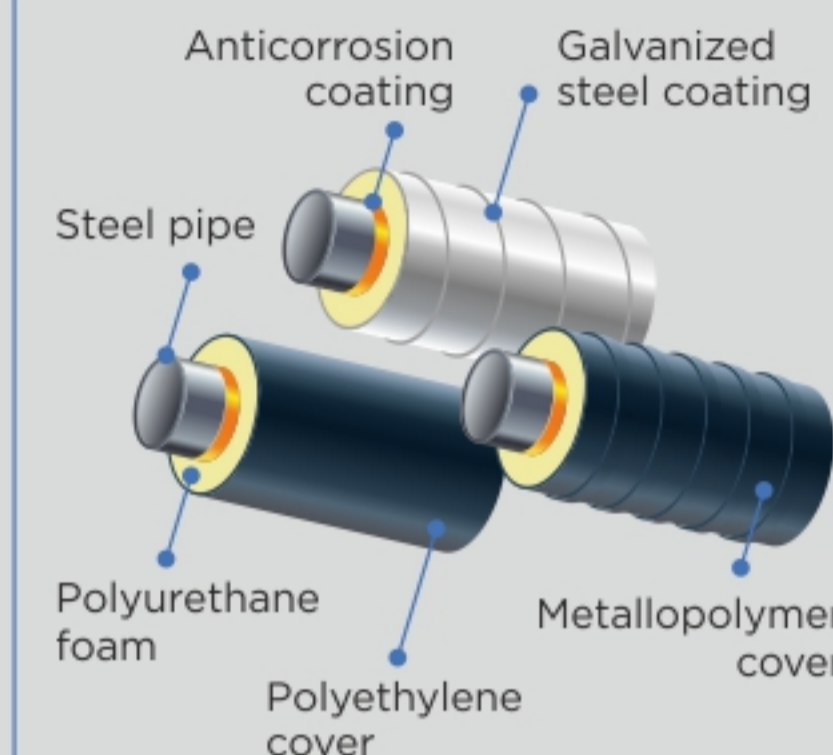
POLYURETHANE FOAM THERMOINSULATION PIPE (PU FOAM) WITH PROTECTIVE COATING

Climate - moderate and the Far North.
Version - for above-ground and underground pipelining.

- Ø 57 - 1420 mm (GOST 30732-2006)
- Ø 57 - 1420 mm (GOST 30732-2020)
- Ø 57 - 1220 mm (TU 23.99.19-003-95435947-2021 (MU.01.27 Irkutsk Oil Company))
- Ø 57 - 1220 mm (MUK P4-06 M-0111 Rosneft (section 4.7))
- Ø 57 - 1220 mm (TU 23.99.19-013-95435947-2023 (PAO Gazprom))

Operating temperature - up to +150 °C

The design implies the availability of the operative remote control



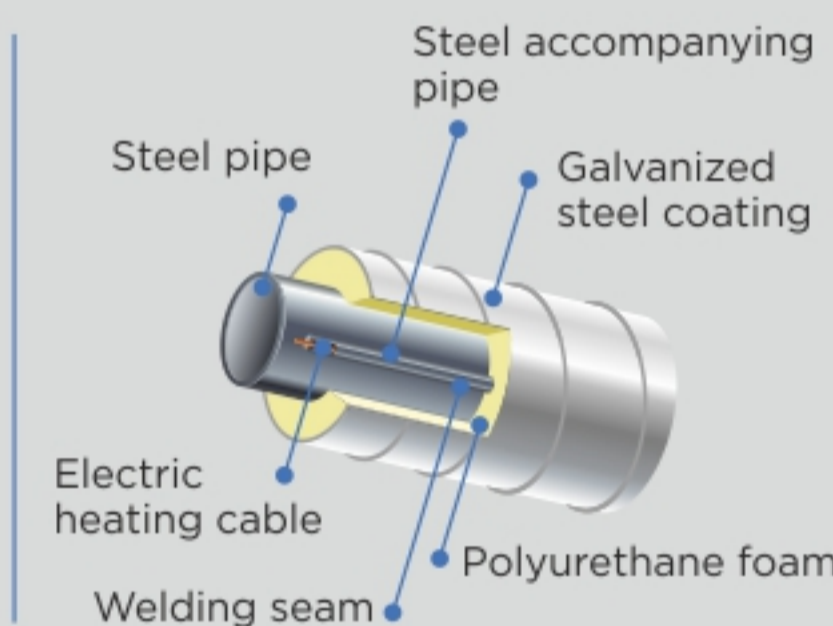
POLYURETHANE FOAM THERMOINSULATION PIPE WITH SKIN SYSTEM

Climate - moderate and the Far North.
Version - for above-ground and underground pipelining.

- Ø 57 - 1220 mm (TU 23.99.19-003-95435947-2021 (MU.01.27 Irkutsk Oil Company))
- Ø 57 - 1220 mm (MUK P4-06 M-0111 Rosneft (section 4.7))

Operating temperature - up to +150 °C

Design implies welding of the special pipe Ø 25 mm or Ø 32 mm.



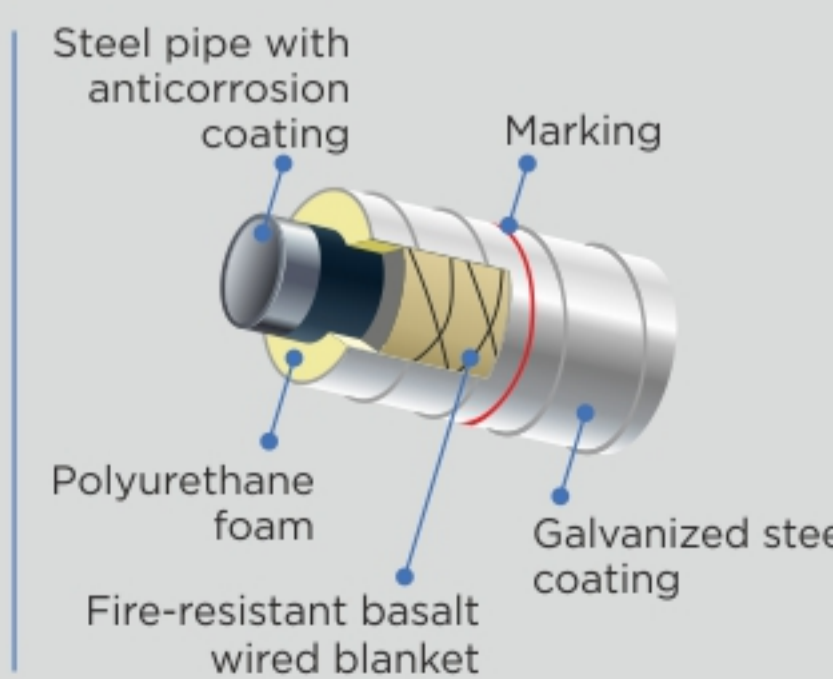
POLYURETHANE FOAM THERMOINSULATION PIPE WITH FIRE SEAL MADE OF BASALT FIBER

Climate - moderate and the Far North.
Version - for above-ground and underground pipelining.

- Ø 57 - 1220 mm (TU 23.99.19-003-95435947-2021 (MU.01.27 Irkutsk Oil Company))
- Ø 57 - 1220 mm (MUK P4-06 M-0111 Rosneft (section 4.7))

Operating temperature - up +150 °C

Design implies the availability of fireproof seal of thermoinsulation material of basalt fiber and red-tape marking with 100-mm width along the whole circular length.



BULK HEAT TREATMENT



Heat treatment of pipes is performed using the complex of new modern hi-tech, automated furnaces for the heat treatment of long components, including tubular goods.

This technology allows to receive the homogeneous fine-grained structure along the whole section.

IT ALLOWS TO:

- ✓ Achieve the homogeneous distribution of mechanical properties along the length and section of a pipe;
- ✓ Increase the corrosive resistance;
- ✓ Relieve the pipes metal strain;
- ✓ Decrease the magnetization strength of products;
- ✓ Increase the strength grade;
- ✓ Increase cold resistance.

STEEL DRIVING PILES



Steel driving piles are produced from pipes corresponding to: GOST 10704-91, GOST 10705-80, as well as according to the additional requirements and drawings of the customer.

Protective polymer (epoxy) coating may be applied to the outer surface of the pile if required by the customer.

THE ADVANTAGES OF THE DRIVING PILES:

- The possibility to use on the uneven landform areas, complex soil characterised by high ground hardness;
- The possibility of installation at any time of the year and any climatic conditions;
- Environmentally friendly, do not cause damage to the environment.

| Cross-sectional dimensions of piles (mm) | | |
|--|-------|-------|
| Ø 102 | Ø 108 | Ø 114 |
| Ø 127 | Ø 133 | Ø 159 |
| Ø 219 | Ø 273 | Ø 325 |
| Ø 377 | Ø 426 | Ø 530 |
| Ø 630 | Ø 720 | |

Length from 5000 to 18000 mm

TRADING COMPANY «TEM» HIGH ORGANIZATION OF BUSINESS AND DIRECT DELIVERIES



- ✓ individual customer approach
- ✓ combined order batching
- ✓ flexible pricing policy
- ✓ complex solution on contracting

Is a sales structure of the holding

Performs the wholesale of the finished products of the holding enterprises to the domestic market and exports to near and far-abroad countries, offers special business terms and conditions for each customer.

The partners of the Trading company are leading machinery manufacturing and oil and gas companies, steel production plants, metal trading companies.

Subdivisions in:

- Moscow
- Saint-Petersburg
- Ekaterinburg
- Minsk (the Republic of Belarus)
- Baku (the Republic of Azerbaijan)

8-800-775-20-21

THE QUALITY OF PRODUCTS



Compliance with the requirements of regulatory documents

Pipes of AO «NTZ «TEM-PO» pass all technological stages regulated by standards, such as control of the welded joint by an automatic ultrasonic inspection unit, performing hydro-tests following the normalized pressure, conducting mechanical, metallographic tests, etc. To improve the quality of the welding seam on the electric-welding machine ERW 530, new modern welding equipment of the «WELDAC» company was installed in 2020, in addition, local heat treatment of the weld is carried out to obtain the properties of the welding seam at the level of the base metal.



Product quality control

The products of AO «NTZ «TEM-PO», in the manufacturing process, undergo up to 11 stages of quality control, including automatic ultrasonic inspection of the welding seam, testing on high-tech devices for high-pressure hydro-testing, magnetic induction control of the pipe body, automatic control of geometric dimensions, etc.



Conducting mechanical and metallographic tests

The manufactured products pass all tests of mechanical and metallographic properties following the requirements of regulatory documents in their accredited laboratory. Upon the request of a customer, it is possible to conduct additional tests other than stated in the regulatory document. The presence of a laboratory at the enterprise for carrying out spectral analysis of materials allows you to control the stages of production from the moment of arrival of raw materials to the output of the finished product.



Certification and accreditation of products

To further confirm the quality of the products of AO «NTZ «TEM-PO», the electric welded pipe is certified for compliance with the regulatory documents according to which it was manufactured, following GOST 30245, GOST 10705, GOST 10706, GOST 20295, GOST R 51164, GOST 31448, etc. In addition, permissive certificates and declarations of TR CU 032 were received for the products, as well as documents for compliance with sanitary and hygienic standards.



Compliance of products with international quality standards

The quality management system of AO «NTZ «TEM-PO» meets the requirements of the international quality standard **ISO 9001:2015**.

LOGISTICS

AUTO TRANSPORTATION | RAILWAY SERVICES TRANSPORTATION | OVER WATER



300
long-haul trucks
equipped with
navigation system



Approved for
international
transportation



Riverport accepting
combined river-sea
navigation vessels



Own loading terminal
with simultaneous
loading up
to 50 rail vans

HOTLINE PHONE NUMBER

8-800-775-20-21

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