



Self-Regulatory Organization based on membership of entities
engaged in construction
Association
for the Protection of Rights and Legitimate Interests of
Entities Engaged in Construction
CENTERREGION

bldg. 1, 27/1, Lubyansky proezd, Moscow, 101000 - www.centerregion.ru
Registration number in the State Register of Self-Regulatory Organizations
CPO-C-038-15092009

Moscow

June 23, 2017

CERTIFICATE

**of authorization to perform specific type or types of work affecting safety of
capital construction facilities**

No. C-038 -77-0725 -77-23062017

Issued to member of the self-regulatory organization:

Globaltechexport Ltd.

Primary State Registration Number (OGRN) 5147746370580, Taxpayer Identification Number
(INN) 7701415045, 12, room I, bldg. 1, B. Nikitinskaya str., Moscow, RF, 125009

The Certificate is issued on the basis of: **Resolution of the Board of CENTERREGION SRO
Association, Minutes No. 2040/23-IIP/AK dated June 23, 2017.**

This Certificate authorizes performance of works affecting safety of capital construction facilities,
as listed in the Annex to this Certificate.

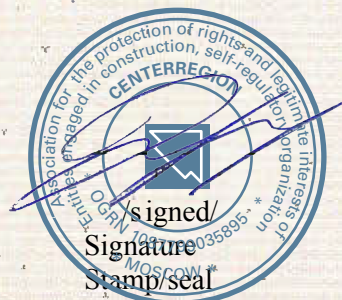
Valid from June 23, 2017

The Certificate is not valid without the Annex.

The Certificate has been issued with no time or territorial limits.

The Certificate replaces the previously issued: none

Director
CENTERREGION SRO Association



A.V. Shamayev

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 to Certificate of Authorization
 to perform specific type or types of works affecting
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Types of works affecting safety of:

1. **Capital construction facilities, including highly hazardous, technically complex and unique capital construction facilities, Art. 48.1 of RF Urban Planning Code (except for nuclear facilities), clause 10.1)** heat power plants with a capacity of 150 MW and higher, and for which Globaltechexport Ltd., a member of the Association for the Protection of Rights and Legitimate Interests of Entities Engaged in Construction of CENTERREGION Self-Regulatory Organization, has the Certificate of Authorization

No.	Work type description
1.	1. Construction site geodetic surveys
	1.1. Location survey during construction <*>
	1.2. Geodetic control over accuracy of geometric parameters of buildings and structures <*>
2.	2. Pre -construction activities
	2.1. Disassembly (dismantling) of buildings and structures, walls, floor slabs, stair flights and other structural and related elements or parts <*>
	2.2. Construction of service roads, sites; utilities and structures <*>
	2.3. Installation of crane rails and foundations (supports) for stationary cranes
	2.4. Installation and dismantling of reusable outdoor and indoor scaffolding, construction debris chutes
3.	3. Earthworks
	3.1. Mechanized excavation <*>
	3.2. Excavation and drainage excavation in water engineering
	3.3. Hydraulic excavation
	3.5. Soil compaction by rolling, soil compacting machines or heavy tamping <*>
3.7. Dewatering, surface runoff and water drainage works	
4.	5. Piling, soil stabilization
	5.3. Foundation piling
	5.4. Installation of driven and bored cast in situ piles
	5.8. Erection of structures using a "slurry wall" technique
	5.9. Steel and grooved pile driving and rebound
5.	6. Installation of cast-in-situ concrete and reinforced concrete structures
	6.1. Formwork activities
	6.2. Rebar activities
	6.3. Installation of cast-in-situ concrete and reinforced concrete structures
6.	7. Installation of prefabricated concrete and reinforced concrete structures
	7.1. Installation of foundations and structure of the substructure of buildings and structures
	7.2. Installation of structural elements of the superstructure of buildings and structures, including columns, frames, cross-bars, trusses, beams, plates, booms, wall panels and partitions
7.	10. Installation of metal structures

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	10.1 Installation, reinforcement and dismantling of structural elements and enclosures of buildings and structures
	10.2. Installation, reinforcement and dismantling of conveyor gallery structures
	10.3. Installation, reinforcement and dismantling of reservoir structures
	10.4. Installation, reinforcement and dismantling of mast structures, towers, exhaust pipes
	10.5. Installation, reinforcement and dismantling of process structures
	10.6. Installation and dismantling of rope bearing structures (braces, cable structures, etc.)
8.	11. Woodwork installation
	11.1. Installation, reinforcement and dismantling of structural elements and enclosures of buildings and structures, including those made of glued structures <*>
9.	12. Protection of structural elements, pipelines and equipment (except for main and field pipelines)
	12.1. Lining with fire bricks
	12.2. Acid-resistant brickwork and shaped acid-proof ceramic tile masonry
	12.3. Protective coating with paints and lacquers <*>
	12.4. Rubber coating (lining with sheet rubber and liquid rubber mixtures)
	12.9. Waterproofing of structural elements
	12.10. Heat insulation of buildings, structural elements and equipment
	12.11. Heat insulation of pipelines <*>
	12.12. Fire protection of structural elements and equipment
10.	13. Roofing
	13.1. Roofing from piece and sheet materials <*>
	13.2. Roofing from rolled materials <*>
	13.3. Cast-in-place roofing <*>
11.	15. Installation of indoor MEP systems and equipment of buildings and structures
	15.1. Installation and dismantling of water supply and sewage system <*>
	15.2. Installation and dismantling of heating system <*>
	15.3. Installation and dismantling of gas supply system
	15.4. Installation and dismantling of air conditioning and ventilation system <*>
	15.5. Installation of electric power supply system <*>
	15.6. Installation of electric power networks and other networks of essential services for buildings and structures <*>
12.	16. Installation of outdoor water supply networks
	16.1. Laying of water supply pipelines
	16.2. Installation and dismantling of shut-off valves and equipment for water supply networks
	16.3. Installation of water conduit wells, head walls, water collection blocks
	16.4. Cleaning of cavity and testing of water supply pipelines
13.	17. Installation of outdoor sewage networks
	17.1. Laying of free-flow sewage pipelines
	17.2. Laying of pressure sewage pipelines
	17.3. Installation and dismantling of shut-off valves and equipment for sewage networks
	17.4. Installation of sewage manholes and sink holes
	17.7. Cleaning of cavity and testing of sewage pipelines

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14.	18. Installation of outdoor heat supply networks
	18.1. Laying of heat supply pipelines with heat carrier temperature of up to 115°C
	18.2. Laying of heat supply pipelines with heat carrier temperature of 115°C and above
	18.3. Installation and dismantling of shut-off valves and equipment for heat supply networks
	18.4. Installation of wells and chambers for heat supply networks
	18.5. Cleaning of cavity and testing of heat supply pipelines
15.	19. Installation of outdoor gas supply networks except for mains
	19.2. Laying of gas pipelines with operating pressure from 0.005 MPa to 0.3 MPa
	19.3. Laying of gas pipelines with operating pressure from 0.3 MPa to 1.2 MPa (for natural gas), to 1.6 MPa (for liquefied hydrocarbon gas)
	19.4. Installation of condensate tanks for hydraulic seals and compensators on gas pipelines
	19.5. Installation and dismantling of gas distribution plants and units
	19.6. Installation and dismantling of liquefied gas reservoir and group cylinder units
	19.7. Gas pipeline connection in buildings and structures
	19.8. Installation and dismantling of consumer gas equipment using natural and liquefied gas
	19.9. Hot tapping into existing gas pipelines, shutoff and plugging under pressure of existing gas pipelines
	19.10. Gas pipeline cavity cleaning and testing
16.	20. Installation of outdoor electrical power networks and communication lines
	20.1. Installation of electric power supply networks with voltage of up to and including 1 kV <*>
	20.2. Installation of electric power supply networks with voltage of up to and including 35 kV
	20.5. Installation and dismantling of supports for overhead power supply lines with voltage of up to 35 kV
	20.10. Installation and dismantling of transformer substations and in-line electric equipment with voltage of up to and including 35 kV
	20.11. Installation and dismantling of transformer substations and in-line electric equipment with voltage of above 35 kV
	20.12. Installation of distribution devices, switching equipment, and protective devices
	20.13. Installation of outdoor communication lines, including telephone, radio and television <*>
17.	22. Construction of oil and gas industry facilities
	22.1. Installation of main and field pipelines
	22.2. Development of the facilities for oil and gas treatment for transportation
	22.3. Construction of petroleum depots and gas storages
	22.4. Construction of crossings under linear facilities (motor roads and railways) and other obstacles of natural and artificial origin
	22.5. Construction of crossings by directional drilling;
	22.6. Electrochemical protection of pipelines
	22.7. Hot tapping into the existing main and field pipelines, shutdown and plugging under pressure of the existing main and field pipelines
	22.8. Anti-corrosion protection and insulation of main and field pipelines
	22.10. Construction of gas filling compressor plants

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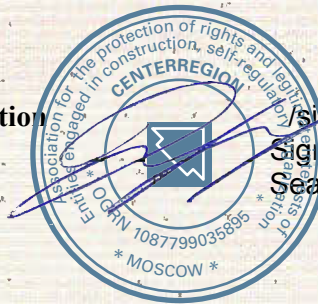
	22.11. Quality control and insulation of welded joints
	22.12. Cleaning of cavity and testing of main and field pipelines
18.	23. Installation
	23.1. Installation of lifting and handling equipment
	23.2. Lift installation
	23.3. Installation of heat power plant equipment
	23.4. Installation of boiler equipment
	23.5. Installation of compressor plants, pumps and ventilators <*>
	23.6. Installation of electric units, equipment, automation and alarm systems <*>
	23.14. Installation of chemical and oil refining equipment
	23.18. Installation of equipment of hydro power plants and other hydraulic engineering structures
	23.19. Installation of equipment of power industry enterprises
	23.32. Installation of water intake equipment, sewage and treatment facilities
	23.33. Installation of equipment of communication facilities <*>
19.	24. Startup and commissioning
	24.1. Startup and commissioning of lifting and handling equipment
	24.4. Startup and commissioning of power and measuring transformers
	24.5. Startup and commissioning of switching devices
	6.4.2. Startup and commissioning of protective relays
	24.7. Startup and commissioning of automatic equipment in electric power supply <*>
	24.9. Startup and commissioning of electric machines and electric drives
	24.10. Startup and commissioning of automation systems, alarm systems and interrelated devices <*>
	24.11. Startup and commissioning of off-line system setup <*>
	24.12. Startup and commissioning of overall system setup <*>
	24.19. Startup and commissioning of compressor plants
	24.20. Startup and commissioning of steam boilers
	24.21. Startup and commissioning of water heating boilers <*>
	24.22. Startup and commissioning of boiler accessories <*>
	24.25. Startup and commissioning of gas-flow air ducts
	24.26. Startup and commissioning of general boiler systems and utilities
	24.31. Startup and commissioning at the facilities of oil and gas industry
20.	25. Construction of motor roads and aerodromes
	25.1. Construction of roadbed for motor roads, airport aprons, runaways, taxiways
	25.2. Construction of motor road bases
	25.4. Coating of motor roads, including coatings reinforced with binding materials
	25.6. Installation of drainage, water collection, culvert and water discharge devices
21.	33. Management of construction, reconstruction and overhaul by engaged real estate developers or customers on the basis of contracts with legal entities or individual entrepreneurs (general designers):
	33.1. Industrial construction
	33.1.5. Enterprises and facilities of chemical and petrochemical industry
	33.1.11. Heat power plants

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33.1.14. Facilities of oil and gas industry
33.2. Construction of traffic facilities
33.2.3. Airports and other facilities of aviation infrastructure
33.2.6. Bridges (large and medium)
33.2.7. Public transport enterprises and facilities <*>
33.4. Electric power supply facilities up to 110 kV
33.6. Gas supply facilities
33.7. Water supply and sewage facilities

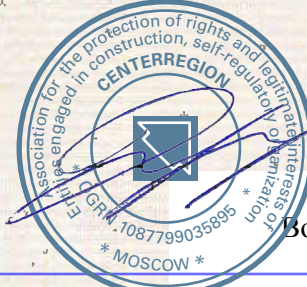
Globaltechexport Ltd. has the right to carry out construction, reconstruction, overhaul of capital construction facilities, which value under one contract does not exceed sixty million (60,000,000) rubles (Criticality Rating 1).

Director
CENTERREGION SRO Association



/signed/
Signature
Seal/stamp

A.V. Shamayev



Bound and sealed

CENTERREGION SRO Association
Reg. No. CPO-C-038-15092009

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Director _____
A.V. Shamaev _____

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