References of LLC EPC "Ingehim" ("Inzhekhim") from 2005 till present*

| | Ī | <u> </u> | | <u> </u> | |
|-----|---|--|--|------------------------|------|
| No. | Customer | Object | Works | City, country | Year |
| 1 | JSC "Kazanorgsintez" | Ethylene plant. Column K-48 | Process calculations, designing, manufacturing and delivery of shell and internals | Kazan, Russia | 2005 |
| 2 | JSC "Kazanorgsintez" | Ethylene plant. Column K-130 | Process calculations, designing, manufacturing and delivery of shell and internals | Kazan, Russia | 2005 |
| 3 | JSC "Kazanorgsintez" | Ethylene plant. Cumene column | Process calculations, designing, manufacturing and delivery of internals | Kazan, Russia | 2005 |
| 4 | JSC "Kazanorgsintez" | Ethylene plant. Column K-11 | Process calculations, designing, manufacturing and delivery of internals | Kazan, Russia | 2005 |
| 5 | JSC "Nizhnekamsk- neftekhim" | Plant BK. Workshop 1309 Separators | Process calculations, designing, manufacturing and delivery of internals | Nizhnekamsk, Russia | 2005 |
| 6 | JSC "Nizhnekamsk- neftekhim" | Plant SKI-3. Column Kt-24 | Process calculations, designing, manufacturing and delivery of internals | Nizhnekamsk, Russia | 2005 |
| 7 | JSC "Nizhnekamsk- neftekhim" | Plant SKI-3. Column Kt-24a | Process calculations, designing, manufacturing and delivery of internals | Nizhnekamsk, Russia | 2005 |
| 8 | JSC "Nizhnekamsk- neftekhim" | Plant SKI-3. Isoprene synthesis reactors | Process calculations, designing, manufacturing and delivery of internals | Nizhnekamsk, Russia | 2005 |
| 9 | JSC "Nizhnekamsk- neftekhim" | Plant SKI-3. Reactors for synthesis of 4,4- dimethyl-1,3- dioxane. Static mixers | Process calculations, designing, manufacturing and delivery | Nizhnekamsk, Russia | 2005 |
| 10 | JSC "Nizhnekamsk- neftekhim" | Plant SKI-3. Trimethyl carbinol synthesis reactor. Static mixers | Process calculations, designing, manufacturing and delivery | Nizhnekamsk, Russia | 2005 |
| 11 | Kazan National Research Technological University | | Developing, designing, manufacturing and equipping with process control instruments, automatics, shutoff and control valves of laboratory units with the purpose of tooling up a laboratory of processes and apparatuses of chemical engineering | Kazan, Russia | 2006 |

| 12 | LLC "Kataliz" | Plant for production and treatment of low-pressure polyethylene | Works on dense loading of catalysts and adsorbents | Kazan, Russia | 2006 |
|----|---------------------------------|---|--|------------------------|------|
| 13 | JSC "Nizhnekamsk- neftekhim" | Plant SPS | Process calculations, designing, manufacturing and delivery of internals | Nizhnekamsk, Russia | 2006 |
| 14 | JSC "Khimprom" | Chlorbenzene plant. Tank for sedimentation of free water from benzene | Process calculations, designing, manufacturing and delivery of internals | Cheboksary, Russia | 2006 |
| 15 | JSC "Kazanorgsintez" | Low-pressure polyethylene plant | Works on loading of catalysts, adsorbents and inert granular materials | Kazan, Russia | 2006 |
| 16 | JSC "Kazanorgsintez" | Organic products plant. Carbon dioxide recovery unit. Absorber E-104 | Process calculations, development of detailed design, manufacturing and delivery of internals | Kazan, Russia | 2007 |
| 17 | JSC "Kazanorgsintez" | Organic products plant. Carbon dioxide recovery unit. Column E-212 | Process calculations, development of detailed design, manufacturing and delivery of internals | Kazan, Russia | 2007 |
| 18 | JSC "Kazanorgsintez" | Organic products plant. Carbon dioxide recovery unit. Column Kn-201 | Process calculations, development of detailed design, manufacturing and delivery of internals | Kazan, Russia | 2007 |
| 19 | JSC "Kazanorgsintez" | Organic products plant. Carbon dioxide recovery unit. Column Kn-202 | Process calculations, development of detailed design, manufacturing and delivery of internals | Kazan, Russia | 2007 |
| 20 | JSC "Kazanorgsintez" | Organic products plant. Carbon dioxide recovery unit. Column Kn-403 | Process calculations, development of detailed design, manufacturing and delivery of internals | Kazan, Russia | 2007 |
| 21 | JSC "Kazanorgsintez" | Organic products plant. Ethanolamine recovery unit | Process calculations, development of detailed design, manufacturing and delivery of internals | Kazan, Russia | 2007 |
| 22 | JSC "Kazanorgsintez" | Ethylene plant. Unit for production of phenol and acetone. Supplementary column Kt-48 for phenol recovery | Process calculations, development of detailed design, manufacturing and delivery of internals | Kazan, Russia | 2007 |

| 23 | JSC "Kazanorgsintez" | Ethylene plant. | Designing and manufacturing | Kazan, | 2007 |
|----|----------------------|---------------------------|---|--------------|------|
| | Nazanoi gonicez | Unit E-200. | of internals | Russia | 2007 |
| | | Oil catchers | | | |
| | | - 3 pieces | | | |
| 24 | JSC "Kazanorgsintez" | Ethylene plant. | Designing and manufacturing | Kazan, | 2007 |
| | | Commercial ethylene line. | of internals | Russia | |
| | | Oil catcher | | | |
| 25 | JSC "Kazanorgsintez" | Ethylene plant. | Process calculations, | Kazan, | 2007 |
| | | Unit for | development of detailed | Russia | |
| | | production of | design, manufacturing and | | |
| | | phenol and | delivery of internals | | |
| | | acetone. | | | |
| | | Reactor of cationite | | | |
| | | treatment | | | |
| 26 | JSC "Kazanorgsintez" | Ethylene plant. | Process calculations, | Kazan, | 2007 |
| _0 | See Ruzunorgenicez | Butane- | development of detailed | Russia | 2007 |
| | | butadiene | design, manufacturing and | | |
| | | recovery column | delivery of internals | | |
| | | Kt-1601 | | | |
| 27 | JSC "Kazanorgsintez" | Ethylene plant. | Process calculations, | Kazan, | 2007 |
| | | Butane- butadiene | development of detailed design, manufacturing and | Russia | |
| | | recovery column | delivery of internals | | |
| | | Kt-1602 | denvery of internals | | |
| 28 | JSC "Nizhnekamsk- | Plant SKI. | Process calculations, | Nizhnekamsk, | 2007 |
| | neftekhim" | Isoprene- | development of detailed | Russia | |
| | | isobuthelyne | design, manufacturing and | | |
| | | recovery column Kt-20 | delivery of internals | | |
| 29 | JSC "Nizhnekamsk- | Oligomers plant. | Process calculations, | Nizhnekamsk, | 2007 |
| 23 | neftekhim" | Hexene recovery | development of detailed | Russia | 2007 |
| | | column | design, manufacturing and | | |
| | | Kt-112 | delivery of internals | | |
| 30 | JSC "Nizhnekamsk- | Plant SKI. | Process calculations, | Nizhnekamsk, | 2007 |
| | neftekhim" | Column Kt-72 for | development of detailed | Russia | |
| | | recovery of trimethyl | design, manufacturing and delivery of internals | | |
| | | carbinol and 4,4- | delivery of internals | | |
| | | dimethyl-1,3- | | | |
| | | dioxane from | | | |
| | | water layer | | | |
| 31 | JSC "Nizhnekamsk- | Plant SKI. | Designing and manufacturing | Nizhnekamsk, | 2007 |
| | neftekhim" | Separating tank E-13a | of internals | Russia | |
| | | | | | |
| 32 | JSC "Nizhnekamsk- | Plant SKI. | Designing and manufacturing | Nizhnekamsk, | 2007 |
| | neftekhim" | Separating tank | of internals | Russia | |
| | | 0-2682 | | | |
| 33 | JSC "Nizhnekamsk- | Plant SKI. | Designing and manufacturing | Nizhnekamsk, | 2007 |
| | neftekhim" | Separators for | of internals | Russia | |
| | | isoprene | | | |
| | | synthesis reactors | | | |
| | | R-12/1, | | | |
| | | R-13/1, | | | |
| | | R-12/2, | | | |
| | | R-13/2, | | | |
| | | R-12/a, | | | |
| | | R-13/a | | | 1 |

| 34 | JSC "Nizhnekamsk- neftekhim" | Plant SKI. Separators for isoprene synthesis | Designing and manufacturing of internals | Nizhnekamsk, Russia | 2007 |
|----|---------------------------------|--|--|-------------------------------|------|
| | | reactors 0-12/1, R-13/1 | | | |
| 35 | JSC "Nizhnekamsk- neftekhim" | Plant SKI. Absorber for treatment of gas vents of reactors of formaldehyde K-15/1 | Process calculations, development of detailed design, manufacturing and delivery of internals | Nizhnekamsk, Russia | 2007 |
| 36 | JSC "Nizhnekamsk- neftekhim" | Plant SKI. Absorber for treatment of formaldehyde K-15/2 | Process calculations, development of detailed design, manufacturing and delivery of internals | Nizhnekamsk, Russia | 2007 |
| 37 | JSC "Nizhnekamsk- neftekhim" | Ethylene plant. Ethylene compression line. Separator T-FA-209-D | Designing and manufacturing of internals | Nizhnekamsk, Russia | 2007 |
| 38 | JSC "TANECO" | Refinery. Absorber of sulfur removal unit KA-107 | Process calculations, development of detailed design, manufacturing and delivery of internals | Nizhnekamsk, Russia | 2007 |
| 39 | GK "Turkmengaz" | MDEA desorber K-2 | Process calculations, development of detailed design, manufacturing and delivery of internals | Turkmenbashi, Turkmenistan | 2007 |
| 40 | JSC "TAIF-NK" | Gasoline plant. Sulfur removal unit. Extractors K-701, K-702 | Designing and manufacturing of internals | Nizhnekamsk, Russia | 2007 |
| 41 | JSC "TAIF-NK" | Gasoline plant. Sulfur removal unit. Alkali separator S-702 | Designing and manufacturing of internals | Nizhnekamsk, Russia | 2007 |
| 42 | JSC "TAIF-NK" | Gasoline plant. Sulfur removal unit. Regenerator KTK R-701 | Designing and manufacturing of internals | Nizhnekamsk, Russia | 2007 |
| 43 | JSC "TAIF-NK" | Gasoline plant. Sulfur removal unit. Disulfide separator E-705 | Designing, manufacturing and delivery of internals | Nizhnekamsk, Russia | 2007 |
| 44 | JSC "TAIF-NK" | Gasoline plant. Sulfur removal unit. Tank E-707 for hydrocarbons sedimentation from MEA solution | Designing, manufacturing and delivery of internals | Nizhnekamsk, Russia | 2007 |

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| 45 | JSC "TAIF-NK" | Gasoline plant. Sulfur removal unit. Degassers E-708, E-709 | Designing, manufacturing and delivery of internals | Nizhnekamsk, Russia | 2007 |
| 46 | JSC "TAIF-NK" | Gasoline plant. Sulfur removal unit. Tank E-305 for hydrocarbons sedimentation from MEA solution | Designing, manufacturing and delivery of internals | Nizhnekamsk, Russia | 2007 |
| 47 | JSC "TAIF-NK" | Gasoline plant. Sulfur removal unit. Gas separator- sediment tank E-201 | Designing and manufacturing of internals | Nizhnekamsk, Russia | 2007 |
| 48 | JSC "TAIF-NK" | Gasoline plant. Sulfur removal unit. Gas separator E-401 | Designing and manufacturing of internals | Nizhnekamsk, Russia | 2007 |
| 49 | JSC "TAIF-NK" | Gasoline plant. Sulfur removal unit. Gas separator E-306 | Designing and manufacturing of internals | Nizhnekamsk, Russia | 2007 |
| 50 | LLC "NIKTIN I SM" | Phase separators R-2, R-3 | Designing and manufacturing of internals | Moscow, Russia | 2007 |
| 51 | JSC "Nizhnekamsk- neftekhim" | Plant SKI. Extractor Kt-72A | Designing and manufacturing of internals | Nizhnekamsk, Russia | 2008 |
| 52 | JSC "Nizhnekamsk- neftekhim" | Oligomers plant. Column Kt-142A | Designing and manufacturing of internals | Nizhnekamsk, Russia | 2008 |
| 53 | JSC "Nizhnekamsk- neftekhim" | Plant BK. Columns K-21, K-38 | Designing and manufacturing of internals | Nizhnekamsk, Russia | 2008 |
| 54 | JSC "Nizhnekamsk- neftekhim" | Polyolefines plant. Gas separator D-1713 | Designing and manufacturing of internals | Nizhnekamsk, Russia | 2008 |
| 55 | JSC "TAIF-NK" | Gasoline plant. Sediment tank E-801 | Designing and manufacturing of internals | Nizhnekamsk, Russia | 2008 |
| 56 | JSC "TAIF-NK" | Gasoline plant. Sediment tank E-820 | Designing and manufacturing of internals | Nizhnekamsk, Russia | 2008 |
| 57 | JSC "TAIF-NK" | Gasoline plant. Sediment tank E-835 | Designing and manufacturing of internals | Nizhnekamsk, Russia | 2008 |
| 58 | JSC "TAIF-NK" | Gasoline plant. Sediment tank E-852 | Designing and manufacturing of internals | Nizhnekamsk, Russia | 2008 |

| 59 | JSC "TAIF-NK" | Gasoline plant. Sediment tank | Designing and manufacturing of internals | Nizhnekamsk, Russia | 2008 |
|----|--|---|--|--------------------------------|------|
| 60 | JSC "TAIF-NK" | E-863 Gasoline plant. | Designing and manufacturing | Nizhnekamsk, | 2008 |
| | | Sediment tank E-872 | of internals | Russia | |
| 61 | JSC "TAIF-NK" | Gasoline plant. Static mixer | Designing and manufacturing | Nizhnekamsk, Russia | 2008 |
| 62 | JSC "Kazanorgsintez" | Plant bisphenol-A. Column VS-330 | Designing and manufacturing of internals | Kazan, Russia | 2008 |
| 63 | JSC "Kazanorgsintez" | Plant bisphenol-A. Column VS-370 | Designing and manufacturing of internals | Kazan, Russia | 2008 |
| 64 | JSC "Kazanorgsintez" | Plant bisphenol-A. Column VS-420 | Designing and manufacturing of internals | Kazan, Russia | 2008 |
| 65 | JSC "Kazanorgsintez" | Organic products plant. Separator E-208 | Designing and manufacturing of internals | Kazan, Russia | 2008 |
| 66 | JSC "Kazanorgsintez" | Organic products plant. Absorber Kn-201 | Designing and manufacturing of internals | Kazan, Russia | 2008 |
| 67 | JSC "Nizhegorod- niinefteproekt" | AVDU unit. Column K-5 for LLC "LUKOIL- Nizhegorod- nefteorgsintez" | Development of engineering design | Nizhniy Novgorod, Russia | 2008 |
| 68 | LLC "Trade House "LUKOIL" | Catalytic cracking complex. Static mixers SM-1, SM-2 for LLC "LUKOIL- Nizhegorod- nefteorgsintez" | Designing and manufacturing | Kstovo, Russia | 2008 |
| 69 | JSC "Gazprom", branch "Yamburg- gazdobycha" Ltd. | CGTP-2C. Separator 20S-1/7. Filter. Phase separator | Designing and manufacturing of internals | Yamburg, Russia | 2008 |
| 70 | JSC "Orsknefteorgsintez" | Unit L-35-11/300. Absorber K-3 | Development of engineering design. Designing, manufacturing and delivery of internals (trays). Delivery of a shell with internals in cooperation with JSC "Kurgankhimmash" | Orsk, Russia | 2008 |
| 71 | JSC "LUKOIL- Nizhegorod- nefteorgsintez" | AGFU unit. Column K-5 | Designing and manufacturing of internals | Kstovo, Russia | 2008 |

| 72 | JSC "Nizhegorod- niinefteproekt" | AVDU unit. Sediment tank E-8 | Development of engineering design | Nizhniy Novgorod, Russia | 2008 |
|----|--|--|---|--------------------------------|---------------|
| | | for LLC "LUKOIL- Nizhegorod- nefteorgsintez" | | | _ |
| 73 | JSC "Nizhegorod- niinefteproekt" | AVDU unit. Tank E-10 for LLC "LUKOIL- Nizhegorod- nefteorgsintez" | Development of engineering design | Nizhniy Novgorod, Russia | 2008 |
| 74 | JSC "Nizhegorod- niinefteproekt" | AVDU unit. Sediment tank E-11 for LLC "LUKOIL- Nizhegorod- nefteorgsintez" | Development of engineering design | Nizhniy Novgorod, Russia | 2008 |
| 75 | JSC "Nizhegorod- niinefteproekt" | AVDU unit. Separator S-5 for LLC "LUKOIL- Nizhegorod- nefteorgsintez" | Development of engineering design | Nizhniy Novgorod, Russia | 2008 |
| 76 | JSC "Gazprom", branch "Yamburg- gazdobycha" Ltd. | Unit for removal of mechanical admixtures from glycols by rotation filtration | Development of requirement specifications | Yamburg, Russia | 2008 |
| 77 | JSC "Nizhnekamsk- neftekhim", Scientific and Technological Center | Pilot unit for regeneration of solvents used at production of ethylene propylene rubbers | Development of design-and- engineering documentation, manufacturing and delivery | Nizhnekamsk, Russia | 2008- 2009 |
| 78 | JSC "Slavneft-YANOS" | Unit LCh-24/7. Low-pressure separators S-104, S-204 | Designing, manufacturing and delivery of internals | Yaroslavi, Russia | 2009 |
| 79 | JSC "Nizhnekamsk- neftekhim" | Column EDA-203 | Designing of internals | Nizhnekamsk, Russia | 2009 |
| 80 | JSC "TAIF-NK" | Dimethyl ether recovery column | Process calculations, designing and preparing a technical proposal for works on manufacturing and delivery of internals | Nizhnekamsk, Russia | 2009 |
| 81 | NGDU "Elkhovneft" | Crude distillation unit ELOU-A1-500. Assembly for extracting benzene from stable reforming catalyzate for producing commercial | Development of engineering design | Almetyevsk, Russia | 2009 |

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| | | gasoline with | | | |
| | | benzene | | | |
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| | | than 1 vol. %. | | | |
| | | Columns | | | |
| | | T-202, | | | |
| 00 | 100 WT- to -6t// | T-203 | Dunana adaulatiana | Almantarala | 2000 |
| 82 | JSC "Tatneft" | Columns and | Process calculations, | Almetyevsk, Russia | 2009 |
| | | apparatuses | designing and preparing a | Russia | |
| | | for JSC "TANECO" | technical proposal for works | | |
| | | JSC TANECO | on manufacturing and delivery of internals | | |
| 83 | JSC "Kamteks- | Congrators | Process calculations, | Vetovo | 2009 |
| 63 | Khimprom" | Separators A-251, | designing and preparing a | Kstovo, Russia | 2009 |
| | Killilpiolii | A-251, A-252 | technical proposal for works | Russia | |
| | | A-252 | on manufacturing and | | |
| | | | delivery of internals | | |
| 84 | LLC "Bormash" | Separator for | Process calculations, | Borisoglebsk, | 2009 |
| 04 | LLC Boilliasii | treatment of | designing and preparing a | Russia | 2009 |
| | | light petroleum | technical proposal for works | Kussia | |
| | | products | on manufacturing and | | |
| | | products | delivery of internals | | |
| 85 | LLC "NIKTIN I SM" | Distributing gas- | Process calculations, | Moscow, | 2009 |
| 05 | | compressor | designing and preparing a | Russia | 2005 |
| | | station. | technical proposal for works | 1143514 | |
| | | Separator | on manufacturing and | | |
| | | S-4 | delivery of internals | | |
| 86 | LLC "NIKTIN I SM" | Separators | Process calculations, | Moscow, | 2009 |
| | | S-1, | designing and preparing a | Russia | |
| | | S-2, | technical proposal for works | | |
| | | S-3 | on manufacturing and | | |
| | | | delivery of internals | | |
| 87 | LLC "NIKTIN I SM" | Separator | Process calculations, | Moscow, | 2009 |
| | | S-102 | designing and preparing a | Russia | |
| | | | technical proposal for works | | |
| | | | on manufacturing and | | |
| | | | delivery of internals | | |
| 88 | LLC "NIKTIN I SM" | Separators | Process calculations, | Moscow, | 2009 |
| | | S-103, | designing and preparing a | Russia | |
| | | S-103A, | technical proposal for works | | |
| | | S-301 | on manufacturing and | | |
| | | | delivery of internals | _ | 2000 |
| 89 | ZAO "RNPK" | Unit TK1. | Designing, manufacturing | Ryazan, | 2009 |
| | | Separator | and delivery of internals | Russia | |
| | ISC WKwibychovA-ot// | E-2 Caprolactam | Duanavina a tachnical | To aliast: | 2000 |
| 90 | JSC "KuibyshevAzot" | plant. | Preparing a technical proposal for works on | Togliatti, Russia | 2009 |
| | | Separator | manufacturing and delivery | Russia | |
| | | 2/16 | of internals | | |
| 91 | GUP "Salavat- | Sediment tank | Preparing a technical | Salavat, | 2009 |
| 91 | giproneftekhim" | V-114 | proposal for works on | Russia | 2003 |
| | gipioneitekiiiii | A 117 | manufacturing and delivery | Nussia | |
| | | | of internals | | |
| 92 | GUP "Salavat- | Static mixers | Preparing a technical | Salavat, | 2009 |
| 92 | giproneftekhim" | MX-101, | proposal for works on | Russia | 2009 |
| | 3.5. 3 | MX-101, | manufacturing and delivery | i (d) | |
| | | MX-103, | of internals | | |
| | | MX-104, | or internals | | |
| | | MX-105 | | | |
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| 93 | LLC | Isoprene and | Inspection of process flows | Togliatti, | 2009 |
|-----|-------------------------------------|---|--|--------------------------------------|--------------|
| | "Togliattikauchuk" | SKI-3 plant | aimed at reducing consumptions of energy resources | Russia | |
| 94 | LLC "Togliattikauchuk" | Isoprene plant. Static mixer 105a | Designing, manufacturing and delivery | Togliatti, Russia | 2009 |
| 95 | LLC "Togliattikauchuk" | Isoprene and isoprene rubbers plant | Technical and economic assessment of expandability of existing isoprene and polyisoprene rubber production plant | Togliatti, Russia | 2009 |
| 96 | LLC "Novatek- Yurkharovneftegaz" | Yurkharov oil and gas condensate field. Separators S-1, S-3A. Slug catchers PU-1 | Manufacturing, delivery and supervised installation of internals | Yurkharov, (Tazov Bay), Russia | 2009 |
| 97 | LLC "Novatek- Yurkharovneftegaz" | Yurkharov oil and gas condensate field. Complex gas treatment plant | Measuring the disperse phase contents (quantity of entrained dropping liquid) using a disperse phase contents meter (ISDF-2) in gas stream before and after tubular separators at commissioning of turbo-expanders | Yurkharov, (Tazov Bay), Russia | 2009 |
| 98 | LLC "Resurs" | Refinery. Separators S-1, S-2, S-3 | Process calculations, designing, manufacturing and delivery of shells and internals | Kargasok, Russia | 2009 2010 |
| 99 | LLC "LUKOIL- Zapadnaya Sibir" | Nakhodkinskoe field. TPP "Yamalneftegaz" | Measuring the disperse phase contents (quantity of entrained dropping liquid) in gas stream after separators | Nakhod- kinskoe field, Russia | 2010 |
| 100 | JSC "TogliattiAzot" | Aggregate No.1. Absorbers | Manufacturing and delivery of internals | Togliatti, Russia | 2010 |
| 101 | JSC "VNIIneftemash" | Filter F0001/A/B for JSC "TANECO" | Designing, manufacturing and delivery of internals | Moscow, Russia | 2010 |
| 102 | JSC "VNIPIgazdobycha" | Block of static mixer 100 SS1 | Development of engineering design | Saratov, Russia | 2010 |
| 103 | JSC "VNIPIgazdobycha" | Block of 3-phase separator 100 R1 | Development of engineering design | Saratov, Russia | 2010 |
| 104 | "MRK Engineering" Ltd. | Unit for preparation of brine water. Block of pressure sediment tank 11-0-23-1-1,2. Block of flotator-degasser 11-FD-23-1-1,2 | Designing, manufacturing and delivery of internals | Moscow, Russia | 2010 |

| 105 | LLC "NIKTIN I SM" | Columns | Process calculations, | Moscow, | 2010 |
|-----|----------------------|--------------------|------------------------------|--------------|------|
| | | K-201, | designing and preparing a | Russia | |
| | | K-202, | technical proposal for works | | |
| | | K-401, | on manufacturing and | | |
| | | K-402. | delivery of apparatuses with | | |
| | | Separators | internals | | |
| | | S-201, | | | |
| | | S-401 | | | |
| 106 | LLC | Separator | Development of engineering | Tyumen, | 2010 |
| | "TyumenNIIgiprogas" | S-5a | design | Russia | |
| | | for | | | |
| | | LLC "Novatek- | | | |
| | | Yurkharov- | | | |
| | | neftegaz" | | | |
| 107 | LLC "Novatek- | Yurkharov oil | Manufacturing, delivery and | Yurkharov, | 2010 |
| | Yurkharovneftegaz" | and gas | supervised installation of | (Tazov Bay), | |
| | | condensate field. | internals | Russia | |
| | | Separator | | | |
| | | C5a.1-9 | | | |
| | | before turbo- | | | |
| | | expander | | | |
| 108 | JSC "VNIPIneft" | Tanks | Process calculations, | Moscow, | 2010 |
| | | E-401, | designing and preparing a | Russia | |
| | | E-210, | technical proposal for works | | |
| | | E-211, | on manufacturing and | | |
| | | E-212 | delivery of internals | | |
| 109 | JSC "Slavneft-YANOS" | Tanks | Process calculations, | Yaroslavi, | 2010 |
| | | E-101, | designing and preparing a | Russia | |
| | | E-202, | technical proposal for works | | |
| | | E-203, | on manufacturing and | | |
| | | E-204, | delivery of internals | | |
| | | E-301, | | | |
| | | E-402 | | | |
| 110 | NGDU "Elkhovneft" | Crude distillation | Manufacturing and delivery | Almetyevsk, | 2010 |
| | | unit | of shells and internals | Russia | |
| | | ELOU-A1-500. | | | |
| | | Assembly for | | | |
| | | extracting | | | |
| | | benzene from | | | |
| | | stable reforming | | | |
| | | catalyzate for | | | |
| | | producing | | | |
| | | commercial | | | |
| | | gasoline with | | | |
| | | benzene | | | |
| | | contents less | | | |
| | | than 1 vol. %. | | | |
| | | Columns | | | |
| | | T-202, | | | |
| 111 | 116 | T-203 | Decigning manufacturing | Caint | 2010 |
| 111 | LLC | Static mixers | Designing, manufacturing | Saint- | 2010 |
| | "Volkhovneftekhim" | OL-16, | and delivery | Petersburg, | |
| | | OL-17, | | Russia | |
| 112 | LLC WN seeds to | OL-18 | Manufacturing | Vandak | 2010 |
| 112 | LLC "Novatek- | Yurkharov oil | Manufacturing and delivery | Yurkharov, | 2010 |
| | Yurkharovneftegaz" | and gas | | (Tazov Bay), | |
| | | condensate field. | | Russia | |
| | | Meter of disperse | | | |
| | | phase contents | | | |
| | 1 | in gas stream | | | l |

| 113 | LLC "Gazprom | Unit U-04 of | Designing, manufacturing | Orenburg, | 2010 |
|-----|--------------------------|----------------------------------|------------------------------------|--------------------|----------|
| 113 | dobycha Orenburg" | second line of | and delivery of internals | Russia | 2010 |
| | , | gas processing | , | | |
| | | plant. | | | |
| | | Sour gas | | | |
| | | separator | | | |
| 444 | 100 | 04-D401 | Daniel and a familia and a | C1 | 2010 |
| 114 | JSC "VNIPIgazdobycha" | Urengoyskoye field. | Development of engineering designs | Saratov, Russia | 2010 |
| | VNIPIGAZUODYCIIA | Booster | designs | Russia | |
| | | compressor | | | |
| | | station | | | |
| | | at CGTP-1 AB. | | | |
| | | Block of filter- | | | |
| | | separators | | | |
| | | FS-1 No.1-2 | | | |
| | | together with a | | | |
| | | reinforcing block for | | | |
| | | LLC "Gazprom | | | |
| | | dobycha | | | |
| | | Urengoy" | | | |
| 115 | JSC | Urengoyskoye | Development of engineering | Saratov, | 2010 |
| | "VNIPIgazdobycha" | field. | designs | Russia | |
| | | Booster | | | |
| | | compressor | | | |
| | | station | | | |
| | | at CGTP-8 B. Block of filter- | | | |
| | | separators | | | |
| | | FS-1 No.1-3 | | | |
| | | together with a | | | |
| | | reinforcing block | | | |
| | | for | | | |
| | | LLC "Gazprom | | | |
| | | dobycha Urengoy" | | | |
| 116 | JSC | Urengoyskoye | Development of engineering | Saratov, | 2010 |
| 110 | "VNIPIgazdobycha" | field. | designs | Russia | 2010 |
| | , | Booster | | | |
| | | compressor | | | |
| | | station | | | |
| | | at CGTP-1 AB. | | | |
| | | Block of filter- | | | |
| | | separators FS-2 No.1-3 | | | |
| | | together with a | | | |
| | | reinforcing block | | | |
| | | for | | | |
| | | LLC "Gazprom | | | |
| | | dobycha | | | |
| 44- | 100 | Urengoy" | Development of an almost | Comple | 2012 |
| 117 | JSC "VNIPIgazdobycha" | Urengoyskoye field. | Development of engineering designs | Saratov, Russia | 2010 |
| | * IATE TAGENONACIIQ | Booster | uesigiis | Russia | |
| | | compressor | | | |
| | | station | | | |
| | | at CGTP-8 B. | | | |
| | | Block of filter- | | | |
| | | separators | | | |
| | | FS-2 No.1-2 | | | |
| | | together with a | | | |
| | | reinforcing block | | | <u> </u> |

| | 1 | | | T | |
|-----|-------------------------------------|--------------------------|------------------------------------|----------------------------|------|
| | | for | | | |
| | | LLC "Gazprom | | | |
| | | dobycha Urengoy" | | | |
| 118 | LLC "NPP GKS" | Block for | Designing, manufacturing | Vazan | 2010 |
| 119 | LLC NPP GKS | separations of | and delivery | Kazan, Russia | 2010 |
| | | liquids | and delivery | Russia | |
| | | for | | | |
| | | JSC | | | |
| | | "Tomskgazprom" | | | |
| 119 | JSC "Yuzhniigiprogaz" | Diethylene glycol | Development of engineering | Donetsk, | 2010 |
| 117 | 35C Tuziningipi oguz | regeneration | design | Ukraine | 2010 |
| | | unit. | acoigii | Oktume | |
| | | Filter block for | | | |
| | | purifying rich | | | |
| | | diethylene glycol | | | |
| 120 | LLC "Servisneftegaz" | | Works on measuring | Orenburg, | 2010 |
| | | | dropping liquid entrainment | Russia | |
| | | | after process equipment | | |
| 121 | JSC "TAIF-NK" | Gasoline plant. | Designing, manufacturing | Nizhnekamsk, | 2010 |
| | | Desulfurization | and delivery of internals | Russia | |
| | | unit. | • | | |
| | | Water washing | | | |
| | | apparatus | | | |
| | | K-703 | | | |
| 122 | JSC "TAIF-NK" | Gasoline plant. | Designing, manufacturing | Nizhnekamsk, | 2010 |
| | | Separator | and delivery | Russia | |
| | | E-501 | | | |
| 123 | JSC "TAIF-NK" | Gasoline plant. | Designing, manufacturing | Nizhnekamsk, | 2010 |
| | | Static mixer | and delivery | Russia | |
| | | SM-704 | | | |
| 124 | JSC "Kazanorgsintez" | Ethylene plant | Works on uniform loading of | Kazan, | 2010 |
| | | | catalysts, adsorbents and | Russia | |
| | | | inert granular materials | | |
| 125 | LLC | Separators | Development of engineering | Tyumen, | 2011 |
| | "TyumenNIIgiprogas" | S-1, | designs | Russia | |
| | | PU-1 | | | |
| | | for | | | |
| | | LLC "Novatek- | | | |
| | | Yurkharov- | | | |
| 126 | LLC WN south la | neftegaz" | Development of anning street | Verslehmen | 2011 |
| 170 | LLC "Novatek- Yurkharovneftegaz" | Yurkharov oil and gas | Development of engineering designs | Yurkharov, (Tazov Bay), | 2011 |
| | furknarovneitegaz | condensate field. | designs | Russia | |
| | | Booster | | Russia | |
| | | compressor | | | |
| | | station. | | | |
| | | Filter-separators | | | |
| | | S-1/1-7, | | | |
| | | S-2/1-6, | | | |
| | | S-3/1-7 | | | |
| | | located before | | | |
| | | booster | | | |
| | | compressor | | | |
| | | station | | | |
| 127 | JSC "Kazanorgsintez" | Ethylene plant. | Development of engineering | Kazan, | 2011 |
| | | Oil catchers | designs, manufacturing and | Russia | |
| | | E-78 A/B, | delivery | | |
| | | E-78 V/G | | | |

| 128 | JSC "Neftegazovaya Innovatsionnaya Korporatsiya" | First stage separator of ejector 31V-24, second stage separator of ejector 31V-25, separator- distributor of vacuum generator 31V-26 for "Oil Refinery" j.s.c. Brod, Bosnia and Herzegovina | Development of engineering designs, manufacturing and delivery of shells and internals | Moscow, Russia (for Bosnia and Herzegovina) | 2011 |
|-----|--|---|--|---|------|
| 129 | LLC "PPN-Servis" | Complex oil treatment plant. Absorber K-301, desorber K-302 for JSC "Sheshmaoil" | Development of engineering designs | Almetyevsk, Russia | 2011 |
| 130 | LLC "Tobolsk- neftekhim" | Unit B-3P. Static mixers SM-1, SM-2 | Designing, manufacturing and delivery | Tobolsk, Russia | 2011 |
| 131 | ZAO "Trade House "Orgkhim" | CJSC "Orgkhim Production Company". Workshop of extracts normalization | Laboratory studies on determining dispersed characteristics of an undesired component of the feed mixture and development of a method for solid phase extraction | Uren, Russia | 2011 |
| 132 | ZAO "Trade House "Orgkhim" | CJSC "Orgkhim Production Company". Workshop of extracts normalization | Laboratory studies on separating the tailing fraction of oil extracts into the distillate and the bottom product | Uren, Russia | 2011 |
| 133 | ZAO "Trade House "Orgkhim" | CJSC "Sibirsky Pine Chemical Plant". Block of terpene alcohol distillation | Hydrodynamic and mass transfer calculations of the block of terpene alcohol distillation | Lesosibirsk, Russia | 2011 |
| 134 | ZAO "Trade House "Orgkhim" | CJSC "Sibirsky Pine Chemical Plant". Block of terpene alcohol distillation | Preparation of initial design data for technical upgrading of a pine oil extraction plant | Lesosibirsk, Russia | 2012 |
| 135 | JSC "Voronezhsintez- kauchuk" | Static mixers GM-211, GM-214 | Designing, manufacturing and delivery | Voronezh, Russia | 2012 |

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|-----|---|--|--|---------------------------------|------|
| 136 | LLC "Corporation Uraltechnostroy" | Urengoyskoye field. Booster compressor station at CGTP-8B Separators FS-1 No.1-3, FS-2 No.1-2 | Designing, manufacturing and delivery of internals | Ufa, Russia | 2012 |
| 137 | JSC "Kazanorgsintez" | Ethylene plant. Cold block 0771-0776. Filtering elements for filter F-521 A/B | Designing, manufacturing and delivery | Kazan, Russia | 2012 |
| 138 | JSC "Kazanorgsintez" | Ethylene plant. Separator E-24 | Designing, manufacturing and delivery of internals | Kazan, Russia | 2012 |
| 139 | LLC "Energo- oborudovanie" | Unit for production of MTBE. Static mixer SM-1 for JSC "Kuibyshev Oil Refinery" | Designing, manufacturing and delivery | Samara, Russia | 2012 |
| 140 | LLC "PPN-Servis" | Complex oil treatment plant. Block of gas desulfurization. Absorber K-301, desorber K-302 for JSC "Sheshmaoil" | Manufacturing and delivery of columns with internals | Almetyevsk, Russia | 2012 |
| 141 | LLC "Saulit- Engineering" | Phase separator V-101 for JSC "Gazpromneft- MNPZ" | Designing, manufacturing and delivery of internals | Moscow, Russia | 2012 |
| 142 | JSC "Uraltechnostroy- Tuimazykhimmash" | Phase separator V-103, separator V-207 for JSC "Gazpromneft- MNPZ" | Designing, manufacturing and delivery of internals | Tuimazy, Russia | 2012 |
| 143 | ZAO Engineering Center "Technohim" | Tanks E-210, E-211, E-212 for LLC "LUKOIL- Volgograd- neftepere- rabotka" | Designing, manufacturing and delivery of internals | Saint- Petersburg, Russia | 2012 |

| 144 | LLC "Yug-Neftegaz- komplekt" | Unit ELOU-AVT-1. Static mixers SM-210, I-211 for LLC "LUKOIL- Volgograd- neftepere- rabotka" | Designing, manufacturing and delivery | Volgograd, Russia | 2012 |
|-----|---|--|---|---|------|
| 145 | LLC "Taimura" | Columns of diameter 600 mm | Delivery of structured segmentary packing | Evenki Autonomous Area, Russia | 2012 |
| 146 | JSC "Kazanorgsintez" | Ethylene plant. Filters with filtering elements SPM-508, SPM-519, SPM-534 | Designing, manufacturing and delivery | Kazan, Russia | 2012 |
| 147 | JSC "Kazanorgsintez" | Pumping drum No. 2 of the 6th stage B-3 E-24 | Designing, manufacturing and delivery of internals | Kazan, Russia | 2012 |
| 148 | LLC "Tobolsk- neftekhim" | Columns Kt-20, Kt-30A | Manufacturing and delivery of trays | Tobolsk, Russia | 2012 |
| 149 | LLC "Energo- oborudovanie" | Unit FCC. Static mixers 110-ME01, 120-ME01, 140-ME02 for JSC "Syzran Refinery" | Designing, manufacturing and delivery | Samara, Russia | 2013 |
| 150 | LLC "Trade House "LUKOIL" | Unit for hydrofining of cat-cracked gasoline. Static mixer 32-ME7002 for LLC "LUKOIL- Nizhegorod- nefteorgsintez | Designing, manufacturing and delivery | Kstovo, Russia | 2013 |
| 151 | LLC "Novatek- Tarkosaleneftegaz" | Separators S-101/1, S-102/1, S-101/3, S-101/4, S-101/5 | Manufacturing, delivery of internals, supervised installation and precommissioning | Tarko-Sale, Russia | 2013 |
| 152 | LLC Research and Production Company "EkoPromServis" | | Manufacturing and delivery of random packing | Samara, Russia | 2013 |
| 153 | LLC "OptimRemStroy" | Complex gas treatment plant of Achim deposits of Urengoyskoye field of Samburg | Manufacturing and delivery of apparatus shells with internals in cooperation with JSC "Kurgankhimmash" | Saint- Petersburg, Russia | 2013 |

| | | oil and gas condensate field. Separators S-201: 2 pieces, S-202: 2 pieces, S-111: 5 pieces, FS-111: 5 pieces for JSC "Arktikgaz" | | | |
|-----|---|--|--|----------------------------|------|
| 154 | JSC "KuibyshevAzot" | Unit for oils production | Base data preparation for engineering of an emergency discharge system for process units destined for KA-oil production | Togliatti, Russia | 2013 |
| 155 | LLC "Gazprom dobycha Noyabrsk" | | Development of technical documentation for ensuring safety of equipment operation at hazardous industrial facilities | Noyabrsk, Russia | 2013 |
| 156 | ZAO "Nortgaz" | Gas purification workshop of Vostochny dome of Severo- Urengoyskoe oil and gas condensate field | Works on modernization of process equipment of the gas purification workshop. The works include: - Development of an engineering design of modernization of inlet separators including a block of accessories (valves, fittings, etc). - Manufacturing and delivery of internal blocks for separators: S-1 with PU-1: 2 pieces, S-2 with PU-2: 1 piece, S-3a: 3 pieces, S-3b: 3 pieces. - Manufacturing and delivery of the block of accessories: AU-1 for S-1, S-2 | Novy Urengoy, Russia | 2013 |
| 157 | ZAO "Nortgaz" | Gas purification workshop of Zapadny dome of Severo- Urengoyskoe oil and gas condensate field | Works on modernization of process equipment of the gas purification workshop. The works include: - Development of an engineering design of modernization of inlet separators. - Manufacturing and delivery of internal blocks for separators: S-3a.1 with piping CPG-1 S-3a.2 with piping CPG-2 S-3a.3 with piping CPG-2 | Novy Urengoy, Russia | 2013 |
| 158 | Kazan State Power Engineering University | Stand for training and demonstrations: "Energy and resource saving pulsating reactor for solid-liquid- phase systems" | Engineering, manufacturing and delivery | Kazan, Russia | 2013 |

| 159 | LLC "Novatek- Tarkosaleneftegaz" | Vostochno- Tarkosalinskoe field. Booster compressor station. Filter-separators FS-1, FS-2, FS-3 | Manufacturing and delivery of internals, supervised installation and pre- commissioning | Tarko-Sale, Russia | 2013 |
|-----|---|---|--|--------------------------------|------|
| 160 | LLC "LUKOIL- Nizhegorodnii- nefteproekt" | | Selecting appropriate processing equipment for the process of drying calcium fluoride and calculation of the process | Nizhniy Novgorod, Russia | 2013 |
| 161 | Kazan National Research Technological University | Pilot distillation unit | Development, manufacturing and delivery | Kazan, Russia | 2013 |
| 162 | CJSC "Group of Companies "RusGazEngineering" | CGTP of Termokar- stovoye field. Separator S-4, filter-separators FS-1.1, FS-1.2, Filters F-1.1, F-1.2, F-2.1, F-3.1, F-3.2 for ZAO "Terneftegas" | Manufacturing and delivery of internals | Podolsk, Russia | 2013 |
| 163 | ZAO "Trade House "Orgkhim" | | Technical re-equipping of a pine oil distillation unit. Works on engineering of the unit including development of technical specifications, engineering surveys, development of detailed design documentation, asbuilt documentation (except for documentation for automated technological process control systems). Manufacturing and delivery of internals. Installation of internals. Pre-commissioning. Commissioning of the unit | Nizhniy Novgorod, Russia | 2013 |
| 164 | JSC "Tatneft", "Tatneftegaz- pererabotka" administration | | Manufacturing and delivery of random packing | Almetyevsk, Russia | 2013 |
| 165 | LLC "PKF "Promservice" | Complex of hydrotreating and isodewaxing of oils. Regenerator- column K-9 | Manufacturing and delivery of internals | Penza, Russia | 2013 |

| | | for JSC "Angarsk petrochemical company" | | | |
|-----|---|---|--|--------------------|------|
| 166 | Kazan State Power Engineering University | | Experimental investigation of hydrodynamics and mass transfer of a diffusion pulsating apparatus | Kazan, Russia | 2013 |
| 167 | LLC "Energo- oborudovanie" | Hydrotreatment of vacuum gasoil complex. Hydrogen generation unit. Static mixer 310-ME001 for OJSC "Kuibyshev Refinery" | Designing, manufacturing and delivery | Samara, Russia | 2014 |
| 168 | OJSC "Tyumen Metal Structures Plant" | | Development, manufacturing and delivery of internals | Tyumen, Russia | 2014 |
| 169 | JSC "Pechoraneft" | Energy park for oil collection and delivery "Lekkhpr'yaga". Associated petroleum gas preparation plant with desulfurization | Development of detail and design documentation. Manufacturing of the plant. Construction and assembling operations. Delivery of equipment to Lekkhpr'yaga. Chief installation, start-up. Integrated testing of equipment. Commissioning. Fulfillment of obligations within warranty period | Usinsk, Russia | 2014 |
| 170 | LLC "Expert Technical Center CKBN" | Urengoyskoye field of Samburg license area for pilot testing period. Second line of construction of Achim deposits. Separators S-201, S-202 for JSC "Arktikgaz" | Development, manufacturing and delivery of internals | Podolsk, Russia | 2014 |
| 171 | LLC "PLCGroup" | JOE AIRCINGUE | Preparation of main engineering solutions for objects of reconstruction of condensate transportation and preparing plant | Kazan, Russia | 2014 |
| 172 | LLC "Kurgankhim- mash" | Gas dehydration plant. Inlet separator SV-1, separator R-1, three-phase separator R-2 for LLC "YaRGEO" | Development of engineering designs of apparatuses | Kurgan, Russia | 2014 |

| 173 | LLC "Gazprom dobycha Noyabrsk" | Filter-separator for complex gas treatment plant of Vyngayakhin gas field, separator for preliminary gas processing terminal of ETGM gas field | Development of technical documentation for ensuring safety of equipment operation at hazardous industrial facilities | Noyabrsk, Russia | 2014 |
|-----|--|--|--|--------------------------------|------|
| 174 | LLC "LUKOIL- Nizhegorodnii- nefteproekt" | Yaregskoe oil field | Development of technology of stratum water purification | Nizhniy Novgorod, Russia | 2014 |
| 175 | LLC "Novatek- Tarkosaleneftegaz" | Complex gas treatment plant of gas production workshop of Vostochno- Tarkosalinskoe field. Natural gas dehydration workshop. Absorbers 12A-01/1, 12A-01/2, 12A-01/4, 12A-01/5 | Development, manufacturing and delivery of internals | Tarko-Sale, Russia | 2014 |
| 176 | ZAO "Teplohim" | Gas-handling facility of energy park "Yuzhnoe Khyl'chuyu". Gas separator | Development, manufacturing and delivery of internals | Borisoglebsk, Russia | 2014 |
| 177 | CJSC "Orgkhim Production Company" | · | Manufacturing and delivery of random packing | Nizhniy Novgorod, Russia | 2014 |
| 178 | JSC "Arktikgaz" | "Reconstruction of Valanginian deposits of Samburg license area of Urengoyskoye field for pilot testing period". Third line. Technological center No. 3 of gas and condensate preparation. Separation equipment: S-1, PU-1, S-4, R-1, R-2, V-1 | Development, manufacturing and delivery of internals of process equipment | Novy Urengoy, Russia | 2014 |
| 179 | JSC "Dimitrovgrad- khimmash" | North- Khancheisk gas condensate field. Separators S-1.1 with PU-1.1, S-1.2 | Development, manufacturing and delivery of internals | Dimitrovgrad, Russia | 2014 |

| | | with PU-1.2, | | | |
|-----|----------------------------------|---------------------------------|---|------------------|------|
| | | S-1.3 | | | |
| | | with PU-1.3 | | | |
| | | for LLC "Novatek- | | | |
| | | Tarkosale- | | | |
| | | neftegaz" | | | |
| 180 | TOO "Kaztehresurs" | Experimental | Development, manufacturing | Astana, | 2014 |
| | | unit for magnetic | and delivery | Kazakhstan | |
| | | separation of multicomponent | | | |
| | | metal containing | | | |
| | | media | | | |
| 181 | LLC "Nika" | Column | Development, manufacturing, | Kazan, | 2014 |
| | | KN-1 | delivery, chief installation of internals | Russia | |
| 182 | LLC "OptimRemStroy" | Yarudeyskoe | Manufacturing, delivery, chief | Saint- | 2014 |
| 102 | LLC Optimizeristroy | field. | installation of internals | Petersburg, | 2017 |
| | | Gas treatment | | Russia | |
| | | plant. | | | |
| | | Separators SV-1, | | | |
| | | SV-2, | | | |
| | | gas separators | | | |
| | | S-1.1, | | | |
| | | S-1.2, S-3.1, | | | |
| | | S-3.1, S-3.2, | | | |
| | | phase separator | | | |
| | | R-2.1, | | | |
| | | phase separators | | | |
| | | R-1, R-2.2 | | | |
| | | for | | | |
| | | LLC "YaRGEO" | | | |
| 183 | LLC "Gazprom dobycha Urengoy" | Pumping station for condensate | Design documentation preparation for blocks of | Novy Urengoy, | 2014 |
| | dobyciia orengoy | feeding. Station | accessories (valves, fittings, | Russia | |
| | | for metering of | etc.) for process workshops | 1100010 | |
| | | weathering gas | of complex gas treatment | | |
| 184 | LLC "Sibgazproekt" | Urongovakovo | plant CGTP-2B | Omalı | 2014 |
| 104 | LLC Sibgazproekt | Urengoyskoye field. | Development of engineering designs | Omsk, Russia | 2014 |
| | | Gas well | u esigne | 1143514 | |
| | | reconstruction. | | | |
| | | Methanol | | | |
| | | regeneration plant. | | | |
| | | Block of | | | |
| | | degasser | | | |
| | | D-1, | | | |
| | | block of reflux tank | | | |
| | | E-1, | | | |
| | | block of | | | |
| | | emergency tank | | | |
| | | E-2, block of pump of | | | |
| | | regenerated | | | |
| | | methanol | | | |
| | | N-1, | | | |
| | | reinforcing block | | | |
| | | ar-1, | | | |

| | | T | | 1 | Г |
|-----|---|---|---|----------------------------|------|
| | | block of product pumping out N-2, block of pump of gas condensate | | | |
| | | N-3, block of column K-1 | | | |
| 185 | LLC Research and Production Company "EkoPromServis" | | Manufacturing and delivery of random packing | Samara, Russia | 2014 |
| 186 | LLC "NOVATEK- Purovskiy ZPK" | Liquefied petroleum gas dehydration plant | Development of design documentation and process flow documentation for redesigning | Tarko-Sale, Russia | 2014 |
| 187 | TOO "Kaztehresurs" | Apparatus for gravitational settlement of suspensions | Development and manufacturing | Astana, Kazakhstan | 2014 |
| 188 | JSC "Nizhnekamsk- neftekhim" | Isoprene monomer plant. Unit for removal of methanol from propane fraction. Separators E-FA-441, E-FA-442 | Manufacturing, delivery and chief installation of internals | Nizhnekamsk, Russia | 2014 |
| 189 | JSC "Tatneft" | Stripping column K-2 | Development, manufacturing and delivery of internals | Almetyevsk, Russia | 2014 |
| 190 | JSC "Arktikgaz" | First line of the Samburg field. Coalescing filters for separators S-2, S-4 | Manufacturing and delivery of internals | Novy Urengoy, Russia | 2014 |
| 191 | JSC "Arktikgaz" | Second line of the Samburg field. Coalescing filters for separators S-2, S-4 | Manufacturing and delivery of internals | Novy Urengoy, Russia | 2014 |
| 192 | LLC "Gazprom dobycha Nadym" | Bovanenkov- skoye field. CGTP-1 | Manufacturing and delivery of filtering elements for mist eliminators | Nadym, Russia | 2014 |
| 193 | JSC "Arktikgaz" | First and second lines of the Samburg field | Works on measuring dropping liquid entrainment in gas streams after separators S-2 and S-4 | Novy Urengoy, Russia | 2014 |
| 194 | LLC "Gefest-ST" | JSC "Kazan- orgsintez", High-density polyethylene production and processing plant. Apparatuses of ethylene and isopentane cleaning S-1420, S-2101, S-2109, S-2111 | Works on uniform loading of catalysts and inert materials | Kazan, Russia | 2014 |
| 195 | LLC Research and Production Company "EkoPromServis" | | Manufacturing and delivery of random packing | Samara, Russia | 2014 |

| 196 | LLC Expert Technical Center "CKBN" | Complex gas treatment plant of Achim deposits of the | Manufacturing and delivery of internals | Podolsk, Russia | 2014 |
|-----|---------------------------------------|---|--|--------------------|------|
| | | Urengoyskoye | | | |
| | | field. Separator-slug | | | |
| | | catchers | | | |
| | | SP-111 – 4 pieces | | | |
| 197 | LLC "PLCGroup" | Gas purification | Manufacturing and delivery | Kazan, | 2014 |
| | | workshop of Booster | of internals for overhaul of separator 60S-1 No. 2 | Russia | |
| | | compressor | | | |
| | | station of ZTGP gas field. | | | |
| | | Separator | | | |
| | | 60S-1 No. 2 | | | |
| | | of type GP1300.01 | | | |
| | | Gas purification | Manufacturing and delivery | | |
| | | workshop of Booster compressor | of internals for overhaul of separators 60S-1 No.6 and 60S-1 No. 7 | | |
| | | station of ZTGP gas field. | | | |
| | | Separators | | | |
| | | 60S-1 No.6, 60S-1 No.7 | | | |
| | | of type | | | |
| | | GP2425.01 - 2 pieces | | | |
| | | Complex gas treatment plant | Manufacturing and delivery of internals for overhaul of | | |
| | | of Vyngoyakhinsk | separators S-3, S-4, S-5 | | |
| | | gas field. | | | |
| | | Separators S-3, S-4, S-5 | | | |
| | | of type | | | |
| | | GP2091.01 - 3 pieces | | | |
| | | for | | | |
| | | LLC "Gazprom | | | |
| | | dobycha Noyabrsk" | | | |
| 198 | LLC "PLCGroup" | CGTP-10 of | Manufacturing and delivery | Kazan, | 2014 |
| | | Urengoyskoye field. | of internals for upgrading separators | Russia | |
| | | Gas purification | - Spai atoi S | | |
| | | workshop. Separator | | | |
| | | S-101 No.3. | | | |
| | | Filter-separator FS-101 | | | |
| | | FS-101 for | | | |
| | | LLC "Gazprom | | | |
| | | dobycha Urengoy" | | | |

| 199 | LLC "PLCGroup" | Separators S-1, S-2, Phase separators R-1, R-2 for LLC FPK "Kosmos-Neft- Gas" | Manufacturing and delivery of internals | Kazan, Russia | 2014 |
|-----|--------------------------------------|--|--|--------------------------------|------|
| 200 | JSC "Nizhnekamsk- neftekhim" | Isoprene monomer plant. Separator E-48/2 | Manufacturing and delivery of internals | Nizhnekamsk, Russia | 2014 |
| 201 | JSC "Nizhnekamsk- neftekhim" | Isoprene monomer plant. Unit for removal of methanol from propane fraction. Static mixers SM441, SM442 | Development, manufacturing and delivery | Nizhnekamsk, Russia | 2014 |
| 202 | JSC "Nizhnekamsk- neftekhim" | | Manufacturing and delivery of random packing | Nizhnekamsk, Russia | 2014 |
| 203 | LLC "Farmcontract" | Laboratory pilot unit for distillation | Manufacturing and delivery | Moscow, Russia | 2015 |
| 204 | LLC "TyumenNIIgiprogas" | Uzbekistan. Tashkent thermal power plant. Separator 1-T96.01.00.000 – 2 pieces | Manufacturing and delivery of internals | Tyumen, Russia | 2015 |
| 205 | LLC "NS-Oil" | | Manufacturing and delivery of internals | Novo- spasskoe, Russia | 2015 |
| 206 | LLC "SPETS-M" | LLC "Gazpromneft- Vostok", Compressor station "Pochinki" | Manufacturing and delivery of filtering elements | Perm, Russia | 2015 |
| 207 | LLC "Tansu" | | Manufacturing and delivery of segmentary structured packing | Bishkek, Kyrgyzstan | 2015 |
| 208 | JSC "Tatoilgas" | | Manufacturing and delivery of a reproduction batch of combustion chambers MGTU-65 (for gases), injectors MGTU-S-65 (for gases) | Almetyevsk, Russia | 2015 |
| 209 | JSC Biochemical holding "Orgkhim" | | Designing works for technical re-equipping of a pine oil distillation unit for the purpose of producing solid terpineol T-92 | Nizhniy Novgorod, Russia | 2015 |
| 210 | JSC Biochemical holding "Orgkhim" | | Development of a pilot plant for production of commercial solid perfumery terpineol at the rate of 20 ton/year | Nizhniy Novgorod, Russia | 2015 |

| 211 | JSC "HMS Neftemash" | Static mixer 251-V-02-PG- SM-01 - 2 pieces | Designing, manufacturing and delivery | Tyumen, Russia | 2015 |
|-----|--|--|---|------------------------------|------|
| 212 | LLC "NPO Vertex" | Complex gas and condensate treatment plant of Vostochno-Urengoyskoye license area. Low temperature stabilization unit. Tanks RG8900, RG15200, slug catcher RG40000 for CJSC "Rospan International" | Designing, manufacturing and delivery of internals | Krasnodar, Russia | 2015 |
| 213 | LLC "Keystone Construction" | Gas treatment plant. Coalescing filters of fuel gas F-1.1F-1.6, separators S0.1, S0.2, S2.1, S2.2, three-phase separator S-106 for LLC "YaRGEO" | Designing, manufacturing and delivery of internals | Moscow, Russia | 2015 |
| 214 | AOJSC "Tsentrenergogaz", JSC "Gazprom" | Gazprom Dobycha Yamburg Ltd. | Overhaul of process equipment | Novy Urengoy, Russia | 2015 |
| 215 | LLC "NS-Oil" | | Laboratory study on extraction of diesel fraction from mazut in a vacuum column | Novo- spasskoe, Russia | 2015 |
| 216 | JSC "Tatoilgas" | | Manufacturing and delivery of a reproduction batch of injectors MGTU-S-65 (for gases) | Almetyevsk, Russia | 2015 |
| 217 | JSC "Pervomaisk- khimmash" | | Manufacturing and delivery of internals | Pervomaiskii, Russia | 2015 |
| 218 | JSC "Volgograd- neftemash" | JSC "TANECO". Fractionating column for product S0001, stripping column for light gasoil S0002, stripping column for heavy gasoil S0003 | Chief installation of internals | Volgograd, Russia | 2015 |
| 219 | LLC "Gefest-ST" | JSC "Kazan- orgsintez". High-density polyethylene production and processing plant. Ethylene | Works on uniform loading of catalysts and inert materials | Kazan, Russia | 2015 |

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|-----|--------------------|--------------------------------|--|---------------|------|
| | | cleaning | | | |
| | | apparatuses S-1005, S-2103, | | | |
| | | S-1006 | | | |
| 220 | LLC "NGST" | Booster | Manufacturing and delivery | Kazan, | 2015 |
| | | compressor | of internals for overhaul of | Russia | |
| | | station of ZTGP | equipment | | |
| | | gas field. | | | |
| | | Separator 60S-1 of type GP1300 | | | |
| | | for | | | |
| | | LLC "Gazprom | | | |
| | | dobycha | | | |
| | | Noyabrsk" | | | |
| 221 | LLC "NGST" | Preliminary gas | Manufacturing and delivery | Kazan, | 2015 |
| | | processing terminal of Ety | of internals for overhaul of equipment | Russia | |
| | | Purovskoe gas | equipment | | |
| | | field. | | | |
| | | Separator S-1 | | | |
| | | of type | | | |
| | | GP2091.24 | | | |
| | | for LLC "Gazprom | | | |
| | | dobycha | | | |
| | | Noyabrsk" | | | |
| 222 | JSC "TANECO" | Static mixers | Designing, manufacturing | Nizhnekamsk, | 2015 |
| | | (eductors) | and delivery | Russia | |
| | | 3200Y1101 | | | |
| 223 | JSC "Dimitrovgrad- | - 4 pieces Booster | Manufacturing and delivery | Dimitrovgrad, | 2015 |
| 223 | khimmash" | compressor | of internals | Russia | 2013 |
| | | station for | | | |
| | | Cenomanian gas | | | |
| | | of Yurkharov oil | | | |
| | | and gas condensate field. | | | |
| | | Separators | | | |
| | | S-1.1, S-1.2, | | | |
| | | S-1.3, S-2.2, | | | |
| | | S-2.2 | | | |
| | | for LLC "Novatek- | | | |
| | | Yurkharov- | | | |
| | | neftegaz" | | | |
| 224 | LLC | Column | Delivery of internals (trays), | Moscow, | 2015 |
| | "AllianceTechSnab" | K-101 | chief installation | Russia | |
| | | for LLC "LUKOIL- | | | |
| | | Volgograd- | | | |
| | | neftepere- | | | |
| | | rabotka" | | | |
| 225 | JSC Biochemical | | Research study on the topic: | Nizhniy | 2015 |
| | holding "Orgkhim" | | "Investigation of possibility | Novgorod, | |
| | | | of continuous regeneration of a solvent from raffinate and | Russia | |
| | | | extract solutions in the | | |
| | | | course of normalization of | | |
| | | | extracts by the selective | | |
| | | | purification method and | | |
| | | | development of base data for | | |
| | | | designing of a pilot unit of normalization of extracts" | | |
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| 226 | LLC "PLCGroup" | High-pressure compressor station No.1 of Central oil gathering station of Vankorskoye oilfield. Separators S-1.1, S-2.1, S-3.1 for ZAO "Vankorneft" JSC "Rosneft Oil Company" | Manufacturing and delivery of internals for maintenance overhaul of equipment | Kazan, Russia | 2015 |
|-----|----------------|---|---|------------------|------|
| 227 | LLC "PLCGroup" | Yuzhno- Tambeiskoye field. Throttling and gas separation block. Separators S-301, S-302 for JSC "Yamal-LNG" | Manufacturing and delivery of internals | Kazan, Russia | 2015 |
| 228 | LLC "PLCGroup" | Filters F-01/AB, F-02/AB, F-03/AB, S-01 for Surgut condensate stabilization plant, LLC "Gazprom- pererabotka" | Manufacturing and delivery of internals | Kazan, Russia | 2015 |
| 229 | LLC "PLCGroup" | Yuzhno- Tambeiskoye field. Unit of low- temperature separation and condensate stabilization. Separator 055-V-009 for JSC "Yamal-LNG" | Designing, manufacturing and delivery of internals | Kazan, Russia | 2015 |
| 230 | LLC "PLCGroup" | Yuzhno- Tambeiskoye field. Technological lines. Filters 055-S-250 A,B - 2 pieces for JSC "Yamal-LNG" | Designing, manufacturing and delivery of internals | Kazan, Russia | 2015 |

| 231 | LLC "PLCGroup" | Yuzhno- | Designing, manufacturing | Kazan, | 2015 |
|-----|--|---|---|--------------------------------|------|
| 231 | LLC PLCGIOUP | Tambeiskoye field. Separators GS 2-6,3A,B | and delivery of internals | Russia | 2015 |
| | | for | | | |
| 232 | LLC "PLCGroup" | JSC "Yamal-LNG" | Manufacturing and delivery | Kazan | 2015 |
| 232 | LLC "PLCGroup" | Complex gas treatment plant of Achim deposits of Urengoyskoye field of Samburg license area. Coalescing filters for separators S-111/1 S-111/5, S-201/1 S-202/4 for | Manufacturing and delivery of internals for maintenance overhaul of equipment | Kazan, Russia | 2015 |
| | | JSC "Arktikgaz" | | | |
| 233 | JSC "NIIPTKhimmash" | Tanks E-104, E-105 for PJSC "Nizhnekamsk- neftekhim" | Manufacturing and delivery of coalescing devices | Penza, Russia | 2015 |
| 234 | DI "Soyuzkhimprom- proekt" of Kazan National Research Technological University | For PJSC "Nizhnekamsk- neftekhim". Plant SKI | Calculations of separating ability of column-type apparatuses of plant SKI in case of increase of production capacity | Kazan, Russia | 2015 |
| 235 | OJSC "Tyumen Metal Structures Plant" | | Manufacturing and delivery of internals | Tyumen, Russia | 2015 |
| 236 | JSC Biochemical holding "Orgkhim" | Melter apparatus | Development of engineering design, manufacturing, precommissioning and commissioning. Development of design and engineering solutions on improving qualitative and quantitative indicators of apparatus performance in the framework of preparing operational instructions for CJSC "Sibirsky Pine Chemical Plant" | Nizhniy Novgorod, Russia | 2016 |
| 237 | LLC "Gefest-ST" | PJSC "Kazan- orgsintez". High-density polyethylene production and processing plant. Ethylene purification assembly. Ethylene drying apparatus S-2113 | Works on uniform loading of catalysts and inert materials | Kazan, Russia | 2016 |

| 238 | LLC "NOVATEK- Purovskiy ZPK" | Purovskiy ZPK (second line). Liquefied petroleum gas dehydration plant. Liquefied petroleum gas purification assembly | Manufacturing and delivery of shells of separators 070R-1, 070R-2 including internals. Chief installation and pre- commissioning | Tarko-Sale, Russia | 2016 |
|-----|---------------------------------|---|---|--------------------------------------|------|
| 239 | LLC "NOVATEK- Purovskiy ZPK" | Purovskiy ZPK (second line). Liquefied petroleum gas dehydration plant. Liquefied petroleum gas purification assembly. Static mixers 070SM-1, 070SM-2 | Development, manufacturing and delivery | Tarko-Sale, Russia | 2016 |
| 240 | LLC "SiburTobolsk" | Static mixer SM-3 | Development, manufacturing and delivery | Tobolsk, Russia | 2016 |
| 241 | LLC "PLCGroup" | High-pressure compressor station No.2 of Central oil gathering station of Vankorskoye oilfield. Separators S-1.2, S-2.2, S-3.2 of type NGP.02507.07.07 for ZAO "Vankorneft" Maintenance overhaul of equipment. Coalescing filters | Manufacturing and delivery of internals for maintenance overhaul of equipment of water treatment plant Manufacturing and delivery of internals | Kazan, Russia Kazan, Russia | 2016 |
| | | for LLC "Novatek- Yurkharov- neftegaz" | | | |
| 243 | LLC "PLCGroup" | Booster compressor station's gas purification workshop of Vostochny dome of Severo- Urengoyskoe oil and gas condensate field. Separators GS-1/1, GS-1/2, S-2/1, S-2/2, S-2/3. Slug catchers | Manufacturing and delivery of internals | Kazan, Russia | 2016 |

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|-----|--|--|---|-----------------------|------|
| | | S-1/1, S-1/2, Separators RK-1/1, RK-1/2 for ZAO "Nortgaz" | | | |
| 244 | LLC "PLCGroup" | Complex gas treatment plant of Yurkharov oil and gas condensate field. Gas purification workshop. Separator S-3a.7 for LLC "Novatek- Yurkharov- neftegaz" | Manufacturing and delivery of internals | Kazan, Russia | 2016 |
| 245 | LLC "Engineering Chemical- Technological Center" | | Research and development work on manufacturing a laboratory reactor for cyclohexane oxidation | Tomsk, Russia | 2016 |
| 246 | LLC "PPN-Servis" | Complex oil treatment plant. Block of gas desulfurization. Absorber K-301, desorber K-302 for JSC "Sheshmaoil" | Pre-commissioning | Almetyevsk, Russia | 2016 |
| 247 | LLC "Engineering Chemical- Technological Center" | | Research work on separation of alcohol-containing fraction with preferred extraction of the C ₅ alcohol | Tomsk, Russia | 2016 |
| 248 | PJSC "Tatneft" | Static mixers 4600M0301, 4600M0302 | Development, manufacturing and delivery | Almetyevsk, Russia | 2016 |
| 249 | PJSC "Kazanorgsintez" | Plant bisphenol-A. Column 9 | Calculation and confirmation of efficiency of distillation of crude phenol with account of reactions of condensation of hydrocarbon admixtures at transition from trays to packings. Development of engineering design for column | Kazan, Russia | 2016 |
| 250 | LLC "Gefest-ST" | PJSC "Kazan- orgsintez". High-density polyethylene production and processing plant. Ethylene purification assembly. Ethylene drying apparatuses S-1004, S-1109, S-1110, S-1112, S-1419, S-2107, S-2108, S-2110, S-2112 | Works on uniform loading of catalysts and inert materials | Kazan, Russia | 2016 |

| 251 | JSC Biochemical | | Technological audit of timber | Nizhniy | 2016 |
|-----|--------------------|--------------------------------|-------------------------------|--------------|------|
| 251 | holding "Orgkhim" | | and chemical workshop of | Novgorod, | 2016 |
| | | | Kotlas pulp and paper mill | Russia | |
| 252 | ZAO "Ion Exchange | | Research work on | Moscow, | 2016 |
| 232 | Technologies" | | development and | Russia | 2010 |
| | 1 00010 9.00 | | optimization of process flow | - Nassia | |
| | | | diagram and parameters of | | |
| | | | cleaning of Sulphur-alkaline | | |
| | | | sewage waters and waste | | |
| | | | stream K7+K13 of | | |
| | | | LLC "Tomskneftekhim" | | |
| 253 | JSC "Uralkhimmash" | Chayandinskoye | Manufacturing and delivery | Yekaterin- | 2016 |
| | | oil and gas | of internals | burg, | |
| | | condensate field. | | Russia | |
| | | CGTP-3. Block of | | | |
| | | intermediate gas | | | |
| | | separator 20S-1. | | | |
| | | Block of low- | | | |
| | | temperature gas | | | |
| | | separator 20S-2. | | | |
| | | Separators | | | |
| | | 20S-1/1 | | | |
| | | 20S-1/4, | | | |
| | | 20S-2/1 | | | |
| | | 20S-2/4 | | | |
| 254 | LLC "NGST" | Complex gas | Manufacturing and delivery | Kazan, | 2016 |
| | | treatment plant | of internals for overhaul of | Russia | |
| | | of Ety Purovskoe gas field. | separators S-2, S-4, S-5 | | |
| | | Separators | | | |
| | | S-2, S-4, S-5 of | | | |
| | | type | | | |
| | | GP2091.24 | | | |
| | | for | | | |
| | | LLC "Gazprom | | | |
| | | dobycha | | | |
| | | Noyabrsk" | | | |
| 255 | LLC "NGST" | CGTP GP-2 of | Manufacturing and delivery | Kazan, | 2016 |
| | | Bovanenkovskoe | of internals for overhaul of | Russia | |
| | | gas field. | separator 29S-2/4 | | |
| | | Low temperature separator | | | |
| | | 29S-2/4 of type | | | |
| | | GP2449.08 | | | |
| | | TKPG No. 3 | | | |
| | | LLC "Gazprom | | | |
| | | dobycha Nadym" | | | |
| 256 | PJSC "Nizhnekamsk- | Columns | Manufacturing and delivery | Nizhnekamsk, | 2016 |
| | neftekhim" | Kt-95, | of internals | Russia | |
| | | Kt-145. | | | |
| | | Tanks | | | |
| | | E-57/1, | | | |
| | | E-57/2. | | | |
| | | Reactor R-28 | | | |
| 257 | TOO "Enertek" | Unit for | Manufacturing and delivery | Almaty, | 2016 |
| 237 | 100 Lileiter | purification of | Figura Claring and delivery | Kazakhstan | 2010 |
| | | tar oil | | | |
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| 250 | 11.0 | Vamidanalaa | Companies dissibilities | V | 2016 |
|-----|---|--|--|------------------------|------|
| 258 | LLC "Kurgankhimmash" | Yarudeyskoe field. Separator SB-1, gas separators S-1.1, S-1.2, S-3.1, S-3.2, phase separators R-2.1, R-2.2, R-1 for LLC "YaRGEO" | Supervised installation | Kurgan, Russia | 2016 |
| 259 | PJSC "Nizhnekamsk- neftekhim" | Apparatuses E-110/3, E-110a/3 | Manufacturing and delivery of internals | Nizhnekamsk, Russia | 2016 |
| 260 | FGUP "General directorate of special construction of the territory of the Urals to the federal agency for special construction" | Static mixers X111/1X111/3, X225, X230, X237, X316 for chemical plant LLC "Gazprom neftekhim Salavat" | Development, manufacturing and delivery | Izhevsk, Russia | 2016 |
| 261 | AO "Gazpromneft- MNPZ" | Static mixers M0301, M0302 | Development, manufacturing and delivery | Moscow, Russia | 2016 |
| 262 | LLC "Gaznefteservis" | Columns K-1, K-2, K-3. Separators RZh-1, RZh-2, S-7 | Designing, manufacturing and delivery of column shells and separators with internals | Zhirnovsk, Russia | 2016 |
| 263 | LLC "Tuimazinskoye GPP" | Oil and gas processing unit. Columns K-201, K-202 | Development of detailed design documentation and conducting field supervision. Carrying out design works in the framework of program "Technical re-equipping of columns" | Tuimazy, Russia | 2016 |
| 264 | PJSC "Nizhnekamsk- neftekhim" | Static mixers D-11 | Development, manufacturing and delivery | Nizhnekamsk, Russia | 2016 |
| 265 | JSC "Kazan- compressormash" | Yamburgskoye field. Modular compressor system MKU TAKAT-78.2-7. Inlet two-stage separator, oil catcher - 3 pieces, coalescing filter | Designing, manufacturing and delivery of internals | Kazan, Russia | 2016 |
| 266 | OU Solifinance | | Delivery of equipment for uniform loading with granular bulk materials | Tallinn, Estonia | 2017 |
| 267 | LLC "NOVATEK- Purovskiy ZPK" | Straight-flow mist eliminator | Manufacturing and delivery | Tarko-Sale, Russia | 2017 |

| 268 | OJSC "Sibneftemash" | Chayandinskoye oil and gas condensate field. Mobile compression system of helium concentrate membrane separation plant. Block of filter- separators: 66GTs-S-101, 66GTs-S-102, 66GTs-S-103, | Development of engineering designs of apparatuses | Tyumen, Russia | 2017 |
|-----|--------------------------------------|---|---|--------------------------------|------|
| | | 5GTs2-S-101, 5GTs2-S-102, | | | |
| 269 | JSC Biochemical holding "Orgkhim" | 5GTs2-S-103 | Research work on the topic "Extraction of heavy VGO from wide fraction of vacuum gas oil". Development of an engineering design of the unit | Nizhniy Novgorod, Russia | 2017 |
| 270 | LLC "SIBUR Togliatti" | Gas-liquid distributor | Manufacturing and delivery | Togliatti, Russia | 2017 |
| 271 | PJSC "Nizhnekamsk- neftekhim" | Absorber Kt-15/1,2 | Manufacturing and delivery of random packing | Nizhnekamsk, Russia | 2017 |
| 272 | JSC "Arktikgaz" | Cartridge filters for separators S-3A1, S-3A2, S-2.1, S-2.2, S-5A1, S-5A2 | Manufacturing and delivery | Novy Urengoy, Russia | 2017 |
| 273 | OJSC "Sibneftemash" | Chayandinskoye oil and gas condensate field. Gas compressor unit. Block of filter- separators 66GTs-S-101, 66GTs-S-103 | Manufacturing and delivery of contact internals | Tyumen, Russia | 2017 |
| 274 | JSC "Uralkhimmash" | Chayandinskoye oil and gas condensate field. Block of intermediate gas separator 20S-1. Block of low- temperature gas separator 20S-2 | Manufacturing and delivery of internals | Yekaterin- burg, Russia | 2017 |
| 275 | JSC "Salavatneftemash" | | Manufacturing and delivery of plate-type packing | Salavat, Russia | 2017 |
| 276 | LLC "Mashmeteks" | | Manufacturing and delivery of filtering elements | Perm, Russia | 2017 |
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| 277 | LLC Expert Technical Center "CKBN" | | Calculations of process equipment and development of operating manual for internals at facility: "Reconstruction of Cenomanian deposits of Kharasaveyskoye gas condensate field" | Podolsk, Russia | 2017 |
| 278 | AO "Gazpromneft- MNPZ" | Filter of fuel gas pos. GF-401A/B - 2 pieces | Manufacturing and delivery | Moscow, Russia | 2017 |
| 279 | LLC "Industrial Equipment Production" | Bulk capacity vessel 1-200-1-1 | Manufacturing and delivery of internals | Samara, Russia | 2017 |
| 280 | JSC "Dimitrovgrad- khimmash" | Block of filter- separators: 5GTs2-S-101, 5GTs2-S-102, 5GTs2-S-103 | Manufacturing and delivery of contact internals | Dimitrovgrad, Russia | 2017 |
| 281 | LLC "NGST" | Suzun field. Booster compressor station for associated petroleum gas. Inlet separator S-3, outlet separator S-5 for JSC "Suzun" | Manufacturing and delivery of internals | Kazan, Russia | 2017 |
| 282 | LLC "Gefest-ST" | PJSC "Kazan- orgsintez". High-density polyethylene production and processing plant. Ethylene cleaning apparatus S-2110 | Works on uniform loading of catalysts and inert materials | Kazan, Russia | 2017 |
| 283 | LLP "KazInRuss- Trading" | For Kazakhstan | Manufacturing and delivery of random packing | Kazan, Russia | 2017 |
| 284 | LLC "Trade House RM Rail» | Bulk capacity vessel GEE1-2-100- 0,77-1-I | Performing works on strength calculations | Republic of Mordovia, Ruzaevka, Russia | 2017 |
| 285 | JSC "Dimitrovgrad- khimmash" | Separators: S-1.1/2, S-2.1/2 | Manufacturing and delivery of internals | Dimitrovgrad, Russia | 2017 |
| 286 | LLC "Tulgan pererabotka" | Raw hydrocarbons processing plant | Inspection, analysis and process calculation of equipment | Orenburg Region, Tyul'gan st., Russia | 2017 |
| 287 | JSC "Kazan- compressormash" | KGS-611 of Yamburgskoye field. Inlet separator, oil catcher, coalescing filter for Gazprom Dobycha Yamburg Ltd. | Supervised installation and pre-commissioning. Measuring dropping liquid entrainment | Kazan, Russia | 2017 |

| 288 | PJSC "Kazanorgsintez" | Column K-29 | Manufacturing and delivery of internals | Kazan, Russia | 2018 |
|-----|---|--|--|--|------|
| 289 | LLC "TNS-Razvitie" | Static mixer | Manufacturing and delivery | Leninigorsk, Russia | 2018 |
| 290 | JSC Biochemical holding "Orgkhim" | Unit of vacuum distillation of VGO | Manufacturing and delivery | Nizhniy Novgorod, Russia | 2018 |
| 291 | LLC "Tulgan pererabotka" | | Manufacturing and delivery of random and segmentary structured packing | Orenburg Region, Tyul'gan st., Russia | 2018 |
| 292 | LLC "NGST" | Phase separators R-1, R1, R2, filter-separators S-1A, S-1B, FS-1, gas separator of first stage S1, low temperature gas separator S3, stripping column to recover methanol K1 | Manufacturing and delivery of internals | Kazan, Russia | 2018 |
| 293 | JSC "Uralkhimmash" | Chayandinskoye oil and gas condensate field. PGPT-2. Block of gas separator 10S-1 for LLC "Gazprom dobycha Noyabrsk" | Manufacturing and delivery of internals | Yekaterin- burg, Russia | 2018 |
| 294 | LLC Research and Production Company "EkoPromServis" | , | Manufacturing and delivery of random packing | Samara, Russia | 2018 |
| 295 | Self-employed entrepreneur Kusumov R.N. | Static mixer GM-211 for JSC "Voronezhsintez- kauchuk" | Manufacturing and delivery of internals | Samara, Russia | 2018 |
| 296 | LLC "VPO Ex-Pro" | | Manufacturing and delivery of filtering element | Kazan, Russia | 2018 |
| 297 | PJSC "Nizhnekamsk- neftekhim" | | Manufacturing and delivery of liquid distributors | Nizhnekamsk, Russia | 2018 |
| 298 | LLC "NOVATEK- Purovskiy ZPK" | Straight-flow mist eliminator (coalescing element) | Manufacturing and delivery | Tarko-Sale, Russia | 2018 |
| 299 | LLC "Gaznefteservis" | Separators S-3 and S-4 | Manufacturing and delivery of internals | Zhirnovsk, Russia | 2018 |
| 300 | LLC "Gazpromneft- Orenburg" | Kapitonovskoye field. Associated petroleum gas treatment facility. Separator GS-1 | Manufacturing and delivery of internals | Orenburg, Russia | 2018 |

| 301 | LLC "Gazpromneft- | Shinginskoye | Manufacturing, delivery and | Tomsk, | 2018 |
|-----|-----------------------------------|---|--|-------------------------|------|
| | Vostok" | field. Separator VS-1 GTES-24 MW. Mesh-type mist eliminator and straight-flow mist eliminator | supervised installation | Russia | |
| 302 | PJSC "ANK "Bashneft" | Absorber for purification of hydrogen-containing gas S-201/V-201 | Manufacturing and delivery of internals | Ufa, Russia | 2018 |
| 303 | LLC "SiburTobolsk" | Coalescing element | Manufacturing and delivery | Tobolsk, Russia | 2018 |
| 304 | LLC "Cryogenmash- Engineering" | Coalescing filter (10 µm) | Manufacturing and delivery | Balashikha, Russia | 2018 |
| 305 | LLC "Cryogas- Vysotsk" | LNG production and trans- shipment terminal at the port of Vysotsk. Gas cleaning unit. Gas separators S-1/A and S-1/B | Manufacturing and delivery of coalescing filters | Vyborg, Russia | 2018 |
| 306 | JSC "Kazan- compressormash" | Oil dewaxing unit No.39/6-4. Gas-liquid distributor for grease separator for Gazpromneft-Lubricants Ltd. | Manufacturing and delivery | Kazan, Russia | 2018 |
| 307 | JSC "Kazan- compressormash" | Compressor unit AD 1500-7-5 UHL4. Gas-liquid distributor for grease separator | Manufacturing and delivery | Kazan, Russia | 2018 |
| 308 | JSC "Dimitrovgrad- khimmash" | Yarudeyskoe field. Gas treatment and operation section of booster compressor station of oil & gas production workshop. Inlet separators SV-4, SV-5, gas separators SV-4.1, STsV-500/63, STsV-800/40. For LLC "YaRGEO" | Manufacturing and delivery of internals | Dimitrovgrad, Russia | 2018 |
| 309 | JSC "Volgograd- neftemash" | Knockout drum 001 S-1, separator-slug catcher 11SP-1, gas separator 11S-1 | Manufacturing and delivery of internals | Volgograd, Russia | 2018 |

| 310 | LLC "Aerosolex" | Liquid distributor | Manufacturing and delivery | Dzerzhinsk, Russia | 2018 |
|-----|---------------------------------|--|--|---|------|
| 311 | LLC "Apollo-Vostok" | Twin receiver tank | Manufacturing and delivery | Kazan, Russia | 2018 |
| 312 | LLC "Apollo-Vostok" | Mounting coils | Manufacturing and delivery | Kazan, Russia | 2018 |
| 313 | LLC "Technopark Real-Invest" | Desorber | Manufacturing, delivery and supervised installation of internals | Nizhny Novgorod region, Gidrotorf, Russia | 2018 |
| 314 | LLC "TNS-Razvitie" | Static mixer | Manufacturing, delivery and supervised installation | Leninigorsk, Russia | 2019 |
| 315 | LLC "TNS-Razvitie" | Hydrogen sulfide oxidation reactor | Manufacturing, delivery and supervised installation of internals | Leninigorsk, Russia | 2019 |
| 316 | JSC "Dimitrovgrad- khimmash" | Sterkhovoye field. Olympic license area. Slug catcher S-1, separator GS-1 for LLC "Novatek- Tarkosale- neftegaz" | Manufacturing and delivery of internals | Dimitrovgrad, Russia | 2019 |
| 317 | JSC "Dimitrovgrad- khimmash" | Gas treatment plant. Separators SV-4, SV-5, Gas separators SV-4.1, STsV-500/63, STsV-800/40 for LLC "YaRGEO" | Manufacturing, delivery and supervised installation of internals | Dimitrovgrad, Russia | 2019 |
| 318 | LLC "Aerosolex" | Liquid distributor | Manufacturing and delivery | Dzerzhinsk, Russia | 2019 |
| 319 | PJSC "ANK "Bashneft" | Absorber for purification of hydrogen-containing gas S-201/V-201 | Supervised installation of internals | Ufa, Russia | 2019 |
| 320 | JSC "Volgograd- neftemash" | Construction of reservoir Ach5-1 of Samburg license area of Urengoyskoye field. Knockout drum 001S-1, separator-slug catcher 11SP-1,2, gas separator 11S-1 for JSC "Arktikgaz" | Manufacturing, delivery and supervised installation of internals | Volgograd, Russia | 2019 |

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| 321 | OJSC "Penz- kompressormash" | CGTP ГП-5. Separation equipment for modular compressor system. Inlet separator of stage I, inlet separator of stage II, grease separator, coalescing filter for Gazprom Dobycha | Manufacturing and delivery of internals | Penza, Russia | 2019 |
| 222 | | Yamburg Ltd. | Manager | B | 2010 |
| 322 | LLC "Technopark Real-Invest" | Absorber (structured segmentary packing), desorber of rich amine solution | Manufacturing, delivery and supervised installation of internals | Nizhny Novgorod region, Gidrotorf, Russia | 2019 |
| 323 | LLC "SiburTobolsk" | Coalescing element | Manufacturing and delivery | Tobolsk, Russia | 2019 |
| 324 | LLC "Novatek- | Achim deposits of Urengoyskoye field. Samburg license area. Booster compressor station. Separators: FS-1/1-4, FS-2/1-4, FS-3/1-4 for JSC "Arktikgaz" | Manufacturing, delivery and supervised installation of internals | Kaluga, Russia | 2019 |
| 325 | Tarkosaleneftegaz" | Workshops of natural gas and gas condensate dehydration of Vostochno-Tarkosalinskoe field and of Olympic license area. Separators | Measuring dropping liquid entrainment and calculations on technical upgrading | Tarko-Sale, Russia | 2019 |
| 326 | LLC "Novatek- Tarkosaleneftegaz" | Vostochno- Tarkosalinskoe field. Low temperature separation unit. Separators 20S-2, 12S-2, 12S-1 with slug catcher 12PU-1 | Manufacturing, delivery and supervised installation of internals | Tarko-Sale, Russia | 2019 |

| 327 | LLC "Novatek- | Sterkhovoye | Manufacturing, delivery and | Tarko-Sale, | 2019 |
|-----|--|--|---|---|------|
| | Tarkosaleneftegaz" | field. Olympic license area. Low temperature separation unit. Inlet separator S-101 | supervised installation of internals | Russia | |
| | | with slug catcher PU-101 | | | |
| 328 | LLC "Novatek- Tarkosaleneftegaz" | Vostochno- Tarkosalinskoe field. CGTP. Separators S-101/6, S-101/7 | Manufacturing, delivery and supervised installation of internals | Tarko-Sale, Russia | 2019 |
| 329 | LLC "NOVATEK-Ust- Luga" | | Research work on the topic: "Development of measures to reduce corrosion of equipment during the processing of stable gas condensate" | Leningrad region, village Vistino, Russia | 2019 |
| 330 | LLC "Aerogas" | Yarudeyskoe field. Absorber K-1. Single-pass trays, mesh-type mist eliminator for LLC "YaRGEO" | Manufacturing and delivery of column shell and internals; supervised installation | Zhukovsky, Russia | 2019 |
| 331 | LLC "Sivertex" | Combustion chamber for microturbine Capstone C-200 with a flange | Manufacturing and delivery | Vidnoye, Russia | 2019 |
| 332 | Kurnakov Institute of General and Inorganic Chemistry of the Russian Academy of Sciences | Laboratory unit for separation of isotopic systems | Manufacturing and delivery | Moscow, Russia | 2019 |
| 333 | LLC "MashTekhServis" | Columns K-1, K-2, reactor R-1 for AO "CNPC-Aktobe- munaygaz" | Manufacturing, delivery and supervised installation of internals | Cheboksary, Russia | 2019 |
| 334 | PJSC "Nizhnekamsk- neftekhim" | Plant BK. Workshop 1306. Examination of dehydration unit aimed at increasing productivity of dehydrators pos. R-28/1-4 | Process and hydraulic calculations | Nizhnekamsk, Russia | 2019 |

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|-----|-----------------------------------|--|---|-------------------------------|------|
| 335 | JSC "Uralkhimmash" | Novo- portovskoye field. Gas-liquid distributor, straight-flow mist eliminators - 3 pcs. for LLC "Gazpromneft- Yamal" | Manufacturing and delivery | Yekaterin- burg, Russia | 2019 |
| 336 | JSC "Uralkhimmash" | Chayandinskoye oil and gas condensate field. Block of separator 10S-1. Gas-liquid distributor, straight-flow mist eliminators, straight-flow filtering mist eliminators | Manufacturing and delivery | Yekaterin- burg, Russia | 2019 |
| 337 | JSC "Uralkhimmash" | Separator-slug catchers 290.1.1-s-1 (290.1.2-s-1), separator 290.2.1-s-1, low temperature separator 290.4-s-2, separator 290.4-s-4 | Manufacturing and delivery of internals | Yekaterin- burg, Russia | 2019 |
| 338 | LLC "Cryogenmash- Engineering" | Filtering element (10 µm) | Manufacturing and delivery | Balashikha, Russia | 2019 |
| 339 | LLC "Gefest-ST" | PJSC "Kazan- orgsintez". Workshop 152. High-density polyethylene production and processing plant. Apparatuses: S-2101, S-1420 | Works on loading of catalyst and inert materials | Kazan, Russia | 2019 |
| 340 | LLC FPK "Kosmos- Neft-Gas" | Zapolyarnoye oil and gas condensate field. Booster compressor station of CGTP-1S. Separator 10S-1. Straight-flow mist eliminator with separation elements for Gazprom Dobycha Yamburg Ltd. | Manufacturing and delivery | Voronezh, Russia | 2019 |

| 341 | LLC "RTS" | Yurkharov oil and gas condensate field. Separators: S-3a.1-S-3a.3, S-3a.4-S-3a.11 for LLC "Novatek-Yurkharov- | Manufacturing and delivery of filter materials | Perm, Russia | 2019 |
|-----|-----------------------------------|--|---|--------------------------------|------|
| | | neftegaz" | | | |
| 342 | LLC "Apollo-Vostok" | Receiver tank | Manufacturing and delivery | Kazan, Russia | 2019 |
| 343 | LLC "NGST" | Achim deposits of Urengoyskoye field. CGTP-21. Separator S-1 No.13, separator R-1 No.13, separator R-2 No.13, methanol stripping column K-1 No.13, low temperature separator S-3 No.13 | Manufacturing, delivery and supervised installation of internals | Kazan, Russia | 2019 |
| 344 | LLC "NGST" | Urengoyskoye field. Booster compressor station of CGTP-2B. Filter-separator FS-1 No.13, separator R-1 No.12 | Manufacturing, delivery and supervised installation of internals | Kazan, Russia | 2019 |
| 345 | Gazprom Dobycha Yamburg Ltd. | Zapolyarnoye oil and gas condensate field. Booster compressor station of CGTP-3S. Separators 10S-1. Straight-flow mist eliminator with coalescing filter elements | Carrying out pilot operation of filter elements | Yamburg, Russia | 2019 |
| 346 | JSC Biochemical holding "Orgkhim" | | Manufacturing and delivery of random packing | Nizhniy Novgorod, Russia | 2019 |
| 347 | JSC "Sayanskkhimplast" | Static mixer | Manufacturing and delivery | Sayansk, Russia | 2019 |
| 348 | JSC "TatNIIneftemash" | Filtering elements, random packing | Manufacturing and delivery. Development of engineering designs of filters | Kazan, Russia | 2019 |
| 349 | LLC "VPO EKS-PRO" | Filtering | Manufacturing and delivery | Kazan, | 2020 |

| 350 | LLC "VPO EKS-PRO" | Filtering elements (10 µm) | Manufacturing and delivery | Kazan, Russia | 2020 |
|-----|-------------------------------------|--|--|-----------------------|------|
| 351 | LLC "Apollo-Vostok" | Receiver tank | Manufacturing and delivery | Kazan, Russia | 2020 |
| 352 | LLC EIC "Technomir" | Separator 0410-E-101 | Manufacturing and delivery of internals | Kazan, Russia | 2020 |
| 353 | LLC "YaRGEO" | Yarudeyskoe field. Central collection point. Sediment tanks OGN-P1/1,2,3 | Manufacturing, delivery and supervised installation of internals | Nadym, Russia | 2020 |
| 354 | LLC "Novatek- Tarkosaleneftegaz" | Vostochno- Tarkosalinskoe field. Booster compressor station of central collection point: NPTsU "Compressor station II-line", 1 stage GPA №2. Separators S-1/2, S-1/3, S-1/4. | Manufacturing, delivery and supervised installation of internals | Tarko-Sale, Russia | 2020 |
| 355 | LLC "Novatek- Tarkosaleneftegaz" | Vostochno- Tarkosalinskoe field. Booster pump station for preliminary water discharge. Gas separator SG-1 NP YuU DNS with UPSV | Manufacturing, delivery and supervised installation of internals | Tarko-Sale, Russia | 2020 |
| 356 | LLC "Novatek- Tarkosaleneftegaz" | Vostochno- Tarkosalinskoe field. Separator S-5 of water NP YuU DKS | Manufacturing, delivery and supervised installation of internals | Tarko-Sale, Russia | 2020 |
| 357 | LLC "Novatek- Tarkosaleneftegaz" | Khancheyskoye field. CGTP Workshop of natural gas and gas condensate dehydration. Primary separators 10S-1/1,2 with slug catcher 10 PU-1/1,2 | Manufacturing, delivery of internals and supervised installation | Tarko-Sale, Russia | 2020 |
| 358 | LLC "Novatek- Tarkosaleneftegaz" | Severo-Russkoye field. CGTP. Incoming gas pipelines building No.2. Gas-liquid | Manufacturing and delivery | Tarko-Sale, Russia | 2020 |

| | | distributor, | | | |
|-----|---------------------|-------------------------------------|--|------------------|------|
| | | straight-flow | | | |
| | | mist eliminator, | | | |
| | | straight-flow | | | |
| | | combined mist | | | |
| | | eliminator | | | |
| 359 | LLC "NOVATEK- | Distributor | Manufacturing and delivery | Tarko-Sale, | 2020 |
| | Purovskiy ZPK" | 070R-1,2. | | Russia | |
| | | Coalescing | | | |
| | | element | | | |
| 360 | LLC "NOVATEK-Ust- | Stable gas | Designing, manufacturing, | Leningrad | 2020 |
| | Luga" | condensate | delivery and supervised | region, | |
| | | processing plant | installation | village | |
| | | TR652-1/4-95.1. | | Vistino, | |
| | | Column K-102. | | Russia | |
| | | Gas-liquid | | | |
| | | distributor | | | |
| 361 | LLC "Gazprom | Orenburgskoe oil | Selection of technical | Orenburg, | 2020 |
| | dobycha Orenburg" | and gas | solutions for improving | Russia | |
| | | condensate field. | separation efficiency | | |
| | | CGTP-14. | - | | |
| | | Engineering | | | |
| | | services for | | | |
| | | "Improving the | | | |
| | | design of | | | |
| | | internals of the | | | |
| | | II-stage | | | |
| | | separator S- | | | |
| | | 302V" for the | | | |
| | | purpose of | | | |
| | | reducing liquid entrainment with | | | |
| | | | | | |
| 362 | LLC "Gazprominvest" | separated gas | Manufacturing delivery and | Nova | 2020 |
| 302 | LLC Gazprominvest | Yamburgskoye field. | Manufacturing, delivery and supervised installation | Novy Urengoy, | 2020 |
| | | Stage 2 of | Supervised installation | Russia | |
| | | reconstruction. | | Kussia | |
| | | Filter block for | | | |
| | | purifying | | | |
| | | methanol F-1 | | | |
| | | and filter for | | | |
| | | purifying | | | |
| | | methanol F-2. | | | |
| | | For Gazprom | | | |
| | | Dobycha | | | |
| | | Yamburg Ltd. | | | |
| 363 | JSC "Arktikgaz" | Urengoyskoye | Manufacturing, delivery and | Novy | 2020 |
| | | field. | supervised installation | Urengoy, | |
| | | Methanol | Supervised instandation | Russia | |
| | | production plant. | | | |
| | | Complex of | | | |
| | | works on repair | | | |
| | | of gas separator | | | |
| | | S-0600. | | | |
| | | Internals: | | | |
| | | Gas liquid | | | |
| | | distributor, | | | |
| | | straight-flow | | | |
| | • | | | | |
| | | mist eliminator. | | | |
| | | mist eliminator, straight-flow | | | |
| | | | | | |

| 364 | OJSC "Krasnodar plant Neftemash" | Adsorber and separator | Manufacturing, delivery and supervised installation of internals | Krasnodar, Russia | 2020 |
|-----|--------------------------------------|--|--|--------------------------------|------|
| 365 | JSC Biochemical holding "Orgkhim" | | Manufacturing and delivery of random packing | Nizhniy Novgorod, Russia | 2020 |
| 366 | JSC Biochemical holding "Orgkhim" | | Research work on the topic: "Development of initial data for designing a unit for separation of fuel oil or wide fraction of vacuum gas oil" | Nizhniy Novgorod, Russia | 2020 |
| 367 | LLC "Aerogas" | Separator S1000 | Manufacturing and delivery of internals | Zhukovsky, Russia | 2020 |
| 368 | LLC "NGST" | Internals: flow leveler, plate-type packing, vertical meshtype mist eliminator | Manufacturing and delivery | Kazan, Russia | 2020 |
| 369 | LLC "NGST" | Internals: gas-liquid distributors, straight-flow mist eliminator, straight-flow combined mist eliminator, straight-flow filtering mist eliminator | Manufacturing and delivery | Kazan, Russia | 2020 |
| 370 | LLC "NGST" | Internals: gas-liquid distributors, straight-flow mist eliminators, straight-flow combined mist eliminators | Manufacturing and delivery | Kazan, Russia | 2020 |
| 371 | JSC "Dimitrovgrad- khimmash" | Internals: gas-liquid distributors, vertical mesh- type mist eliminator, straight-flow combined mist eliminator, straight-flow filtering mist eliminator | Manufacturing and delivery | Dimitrovgrad, Russia | 2020 |
| 372 | LLC "ChemSteel" | Coalescing element | Development, manufacturing and delivery | Nevinno- myssk, Russia | 2020 |
| 373 | JSC "TatNIIneftemash" | Filtering elements | Manufacturing and delivery | Kazan, Russia | 2020 |

| 374 | LLC "Gefest-ST" | PJSC "Kazan- orgsintez". High-density polyethylene production and processing plant. Workshop 152. Apparatuses: S-2109, S-1004, S-1005, S-1006, S-1111, S-2103, S-2111 | Works on uniform loading of catalysts and inert materials | Kazan, Russia | 2020 |
|-----|--|--|--|--------------------------------|------|
| 375 | JSC "Kazan- compressormash" | Yamburgskoye field. Modular compressor system MKU TAKAT. Inlet separators, oil catchers, coalescing filters. For PJSC "Gazprom" | Manufacturing and delivery | Kazan, Russia | 2020 |
| 376 | JSC "Kazan- compressormash" | Coalescing filter FK101 AD 1500-7-5. Internals: straight-flow mist eliminators, gas-liquid distributors | Manufacturing and delivery | Kazan, Russia | 2020 |
| 377 | Kazan National Research Technological University | Variable-volume reactor | Manufacturing and delivery | Kazan, Russia | 2020 |
| 378 | Kurnakov Institute of General and Inorganic Chemistry of the Russian Academy of Sciences | Equipment for laboratory unit for separation of isotopic systems | Manufacturing and delivery | Moscow, Russia | 2020 |
| 379 | LLC "Uralchem Innovation" | | Work on the topic: "Study of protein extraction process to optimize production technology" | Moscow, Russia | 2020 |
| 380 | LLC NPP "35MZ" | Internals for dust collectors: gas-liquid distributors, straight-flow mist eliminators | Manufacturing and delivery | Kaluga, Russia | 2021 |
| 381 | JSC Biochemical holding "Orgkhim" | | Manufacturing and delivery of random packing | Nizhniy Novgorod, Russia | 2021 |
| 382 | JSC Biochemical holding "Orgkhim" | | Manufacturing and delivery of random packing | Nizhniy Novgorod, Russia | 2021 |

| 383 | JSC "Gazprom | Straight-flow | Manufacturing and delivery | Novy | 2021 |
|-----|---------------------------------|--|---|-------------------------|------|
| | centroenergogaz" | mist eliminator for Gazprom Dobycha Yamburg Ltd. | - | Urengoy, Russia | - |
| 384 | LLC "NGST" | | Manufacturing and delivery of gas distribution packing | Kazan, Russia | 2021 |
| 385 | LLC "NGST" | Internals: gas-liquid distributor, filtering mist eliminator, straight-flow mist eliminator, mesh-type mist eliminator, flow leveler, plate-type packing | Development, manufacturing and delivery | Kazan, Russia | 2021 |
| 386 | OJSC "Penz- kompressormash" | Separator S-40 | Manufacturing and delivery of internals | Penza, Russia | 2021 |
| 387 | LLC "PPN-Servis" | | Manufacturing and delivery of structured and random packing | Almetyevsk, Russia | 2021 |
| 388 | LLC "Ecoport Voskresensk" | | Technical audit of water- glycol solution production | Voskresensk, Russia | 2021 |
| 389 | LLC "Aerogas" | Gas-liquid distributor, straight-flow mist eliminator (centrifugal), filtering element for separator NGS-1 | Development, manufacturing and delivery | Zhukovsky, Russia | 2021 |
| 390 | JSC "Dimitrovgrad- khimmash" | Flow levelers, plate-type packing for tanks E-701, E-703 | Development, manufacturing and delivery | Dimitrovgrad, Russia | 2021 |
| 391 | JSC "Dimitrovgrad- khimmash" | Gas-liquid distributors, straight-flow mist eliminators for separators 5GTs2-S-101, 5GTs2-S-102, 5GTs2-S-103 | Manufacturing and delivery | Dimitrovgrad, Russia | 2021 |
| 392 | LLC "Tatneft Aviaservice" | Static mixer | Development, manufacturing and delivery | Kazan, Russia | 2021 |
| 393 | LLC AVP "Group" | Reconstruction of Achim deposits of Urengoyskoye field. Samburg license area. Booster compressor station. Separators: | Supervised installation of internals | Yelabuga, Russia | 2021 |

| | | FS-1/1-4, FS-2/1-4, FS-3/1-4 for JSC "Arktikgaz" | | | |
|-----|--|--|---|--------------------------------|------|
| 394 | OJSC "Sibneftemash" | Straight-flow mist eliminators, cartridge filters for straight-flow mist eliminators | Manufacturing and delivery | Tyumen, Russia | 2021 |
| 395 | LLC "Gazturbotek" | Cartridge filters for straight-flow mist eliminator | Manufacturing and delivery | Nizhniy Novgorod, Russia | 2021 |
| 396 | CJSC "RCP Nordix" | Straight-flow mist eliminators for separators S-1, S-2 | Manufacturing and delivery | Moscow, Russia | 2021 |
| 397 | LLC "Neftemash" | Mesh-type mist eliminator | Manufacturing and delivery | Krasnodar, Russia | 2021 |
| 398 | LLC "VPO Ex-Pro" | Filtering elements | Manufacturing and delivery | Kazan, Russia | 2021 |
| 399 | LLC Research and Production Company "EkoPromServis" | | Manufacturing and delivery of random packing | Samara, Russia | 2021 |
| 400 | DI "Soyuzkhimprom- proekt" of Kazan National Research Technological University | For JSC "Sibur Khimprom" | Services: 1) Inspection of distillation equipment of units for separating a mixture of n-butyric and isobutyric aldehydes at distillation columns K-301 and K-302, as well as separating commercial n-butanol and isobutanol at distillation columns K-501, K-502, K-503, K-504. 2) Calculation of process equipment and development of technologies for separating a mixture of n-butyric and isobutyric aldehydes, as well as separating commercial n-butanol and isobutanol at distillation columns K-501, K-502, K-503, K-504 | Kazan, Russia | 2021 |
| 401 | LLC "Gazprominvest" | Yamburgskoye field. CGTP-1B | Works on supervised installation in the process of equipment installation for the project "Reconstruction of the process block for regeneration of DEG and methanol of CGTP-1B of the Yamburgskoye field" | Novy Urengoy, Russia | 2021 |
| 402 | PJSC "Tatneft" | Apparatus 30K2 | Development, manufacturing and delivery of internals | Almetyevsk, Russia | 2021 |

| 403 | JSC "Kazan- compressormash" | | Development, manufacturing and delivery of internals | Kazan, Russia | 2021 |
|-----|--|--|--|--|------|
| 404 | JSC "Kazan- compressormash" | Yamburgskoye field. Inlet separator – 8 pcs, oil catcher - 8 pcs, coalescing filter – 8 pcs | Development, manufacturing and delivery | Kazan, Russia | 2021 |
| 405 | LLC "Slavyansk Eco" | Tubular reactor for neutralization of alkaline effluents R-5.2 | Development of engineering design | Slavyansk- on-Kuban, Russia | 2021 |
| 406 | OJSC "Samaraneftegaz". PJSC "Rosneft Oil Company" | Mesh-type mist eliminator and straight-flow mist eliminator | Development, manufacturing and delivery | Samara, Russia | 2021 |
| 407 | OJSC "Krasnodar plant Neftemash" | Internals: flow leveler, plate-type packing, vertical meshtype mist eliminator | Development, manufacturing and delivery | Krasnodar, Russia | 2021 |
| 408 | Bugulma Mechanical Plant PJSC "Tatneft" | Apparatus 21F2 (NK 762100000- 0000) Internals: mist eliminator, injectors | Manufacturing and delivery | Bugulma, Russia | 2022 |
| 409 | JSC "Gazprom centroenergogaz" | Chayandinskoye oil and gas condensate field. Condensate stabilization unit at CGTP-3. Flow levelers for phase separators 30R-1 | Manufacturing and delivery | Moscow region, Shchelkovo, Russia | 2022 |
| 410 | LLC "Peschanokopskaya Agrarian Laboratory" | | Performing work on topic: "Preparation of initial data for a requirement specification needed in development of instrumentation for the pulp production process" | Rostov region, Peschano- kopsky district, village Razvalnoe, Russia | 2022 |
| 411 | LLC "Himstalcon- Engineering" | JSC "Kola MMC". Sulfuric acid department of the refinery workshop. Contact apparatus | Development of engineering design | Saratov, Russia | 2022 |

| 412 | JSC "Ecos" | | Conducting research work: 1) Isolation of ethylene glycol from a mixture of "ethylene glycol-water". 2) Development of initial data for design of an ethylene glycol regeneration unit | Moscow, Russia | 2022 |
|-----|---|--|--|---------------------------------|------|
| 413 | LLC "Gazprom dobycha Irkutsk" | CGTP-2 of Kovykta gas condensate field. Coalescing filters for separators 20S-1 | Manufacturing and delivery | Irkutsk, Russia | 2022 |
| 414 | LLC SP "Bormash" | Liquid redistributor | Manufacturing and delivery | Voronezh, Russia | 2022 |
| 415 | LLC SP "Bormash" | Flanged flapper valves | Manufacturing and delivery | Voronezh, Russia | 2022 |
| 416 | PJSC "Tatneft" | Pre-scrubber (pos. 101A1), absorber (pos. 101A2) | Development of design documentation for internals | Almetyevsk, Russia | 2022 |
| 417 | LLC "Grand+" | Komandirshor- skoye oil field. CGTP Komandirshor | Development of basic engineering design documentation | Kazan, Russia | 2022 |
| 418 | LLC "Plexor" | | Manufacturing and delivery of cartridges | Moscow, Russia | 2022 |
| 419 | PJSC "Nizhnekamsk- neftekhim" | | Performing work on topic: "Inspection of the production of linear alpha-olefins" and development of the main engineering solutions to improve the efficiency of the water-alkaline washing unit to eliminate blockages with a catalytic complex, aluminum hydroxide and to eliminate the entrainment of an alkaline medium into separation columns at the Oligomers & Glycols plant" | Nizhnekamsk, Russia | 2022 |
| 420 | LLC "Gazprom- komplektatsiya" | Filtering element filter cartridge (5-10 µm). For Gazprom Dobycha Yamburg Ltd. | Manufacturing and delivery | Saint- Petersburg, Russia | 2022 |
| 421 | JSC "Samaraneftegaz" PJSC "Rosneft Oil Company" | Gas preparation and compression workshop. gas-liquid distributor and flow leveler | Manufacturing and delivery | Samara, Russia | 2022 |
| 422 | Kazan National Research Technological University | | Supply of polyphenylene sulfide | Kazan, Russia | 2022 |
| 423 | OJSC "Krasnodar plant Neftemash" | Separator KZN-A-V-700-G- 0,75-1,3-3 | Supervised installation of internals | Krasnodar, Russia | 2022 |

| 424 | LLC Management | Jet mill and | Manufacturing and delivery | Mossow | 2023 |
|-----|--|--|---|--|------|
| 424 | company "Akcenter" | internals for it | Manufacturing and delivery | Moscow, Russia | 2023 |
| 425 | LLC "Samur" | Gas-liquid distributor | Manufacturing and delivery | Samara, Russia | 2023 |
| 426 | PJSC "Nizhnekamsk- neftekhim" | Ethylene plant. Butadiene recovery unit | Design study to assess efficiency of operation and modernization of the existing process flow scheme for butadiene-1,3 production at ethylene plant | Nizhnekamsk, Russia | 2023 |
| 427 | TOO "BatysTrading" | Static mixer pos.PR-2-300-25 | Manufacturing and delivery | Uralsk, Kazakhstan | 2023 |
| 428 | JSC "Selenginsky pulp and cardboard mill" | | Study of extraction of arabinogalactan from larch aimed at assessing the possibility of continuous industrial processing | Republic of Buryatia, Kabansky district, Selenginsk, Russia | 2023 |
| 429 | LLC "LUKOIL-Komi" | Usinsk gas processing plant. Gas preparation and processing unit. Distillation column K-401. Column trays | Development, manufacturing and delivery | Usinsk, Russia | 2023 |
| 430 | JSC "Orgkhim Production Company" | Normalization workshop site. Norman-4 unit | Development of documentation on Technical upgrade of hazardous industrial facility called "Production site: workshop for normalization of extracts, section for pinan hydroperoxide, section for emulsifiers" | Uren, Russia | 2023 |
| 431 | JSC "Orgkhim Production Company" | Cooler T-4.302, recuperator T-4.305, separator T-4.308 | Manufacturing and delivery | Uren, Russia | 2023 |
| 432 | OJSC "Krasnodar plant Neftemash" | Oil and gas separator with water discharge. Complete set of internals: flow leveler, plate-type packing, vertical mesh- type mist eliminator | Manufacturing and delivery | Krasnodar, Russia | 2023 |
| 433 | LLC "Plexor" | | Manufacturing and delivery of cartridges | Moscow, Russia | 2023 |
| 434 | LLC "Plexor" | | Manufacturing and delivery of cartridges and tooling for cartridges | Moscow, Russia | 2023 |
| 435 | JSC "Farus" | | Manufacturing, delivery and supervised installation of random packing | Moscow, Russia | 2023 |

| 436 | Kazan National Research Technological University | | Supplying a laboratory distillation unit (tray column) | Kazan, Russia | 2023 |
|-----|--|---|---|--------------------------------|------|
| 437 | LLC SP "Bormash" | Liquid redistributor | Manufacturing and delivery | Voronezh, Russia | 2023 |
| 438 | LLC SP "Bormash" | Liquid redistributor | Manufacturing and delivery | Voronezh, Russia | 2023 |
| 439 | LLC Production and commercial company "Pipeline units" | Filtering element (10 µm) | Manufacturing and delivery | Nizhniy Novgorod, Russia | 2023 |
| 440 | LLC "PromPrivodServis" | Coalescing elements. For LLC "NOVATEK- Purovskiy ZPK" | Manufacturing and delivery | Yekaterin- burg, Russia | 2023 |
| 441 | LLC STC "Akhmadulliny" | | Providing services for technological consulting on small-scale chemical production | Kazan, Russia | 2023 |
| 442 | LLC NPF "Modern Technologies" | | Manufacturing and delivery of random packing | Yoshkar-Ola, Russia | 2023 |
| 443 | PJSC "Nizhnekamsk- neftekhim" | | Research work on the topic: "Scaling up the technology for production of concentrated cyclopentadiene (≥99wt%)" | Nizhnekamsk, Russia | 2023 |
| 444 | JSC "Research Institute Graphite" (ROSATOM State Nuclear Energy Corporation) | | Supply of modified (heat- stabilized) grade of polyphenylene sulfide | Moscow, Russia | 2023 |
| 445 | LLC "NEXT Engineering" | Pipeline assemblies for lines: - nitrogen - air - isobutane - isopentane - propylene - ethylene | Development, manufacturing and delivery | Kazan, Russia | 2023 |
| 446 | LLC "Rice" | Coalescing elements | Manufacturing and delivery | Perm, Russia | 2023 |
| 447 | JSC "Samaraneftegaz" PJSC "Rosneft Oil Company" | Gas-liquid distributor, mesh-type vertical mist eliminator, coalescing device | Manufacturing and delivery | Samara, Russia | 2023 |
| 448 | LLC "Engineering Systems" | Extractor S-301. Internals: - support grids - bed limiters - liquid | Development, manufacturing and delivery | Moscow, Russia | 2023 |

| Т | | ali atuita et e e | | | |
|----------|-------------------|----------------------------------|------------------------------|------------|------|
| | | distributor - liquid | | | |
| | | redistributor. | | | |
| | | SPTE: | | | |
| | | - bolts | | | |
| | | - nuts | | | |
| | | - washers | | | |
| | | - studs | | | |
| 449 | LLC "Engineering | - Filter for | Development, manufacturing | Moscow, | 2023 |
| | Systems" | saturated alkali | and delivery | Russia | |
| | | solution | | | |
| | | F301A/B and | | | |
| | | SPTE | | | |
| | | - Filter for | | | |
| | | regenerated | | | |
| | | alkali solution | | | |
| | | F302A/B of | | | |
| | | purification stage I and SPTE | | | |
| | | - Filter for | | | |
| | | regenerated | | | |
| | | alkali solution | | | |
| | | F303A/B of | | | |
| | | purification | | | |
| | | stage II and | | | |
| | | SPTE | | | |
| 450 | LLC Production | Shell, internals | Design, manufacturing and | Nizhniy | 2023 |
| | Enterprise "EPTS" | and SPTE of | delivery of shell, internals | Novgorod, | |
| | | column 1K1 for | and SPTE for the column | Russia | |
| | | separating the | | | |
| | | mixture into | | | |
| | | naphtha, | | | |
| | | kerosene and | | | |
| | | diesel fuel. | | | |
| | | Internals: | | | |
| | | - support grid | | | |
| | | - bed limiter | | | |
| | | - structured | | | |
| | | segmentary packing | | | |
| | | - random | | | |
| | | sectoral-annular | | | |
| | | packing | | | |
| | | - liquid | | | |
| | | redistributor | | | |
| 451 | Self-employed | Wastewater | Development, manufacturing | Kazan, | 2023 |
| | entrepreneur | recycling unit | and delivery | Russia | |
| | Farakhov M.M. | | | | |
| | i diditiov i iiii | | | | |
| 452 | Self-employed | | Development of technology | Kazan, | 2023 |
| - | entrepreneur | | for manufacturing filters | Russia | |
| | Farakhov M.M. | | from porous UHMWPE of | | |
| | raiakiiuv MiMi | | various filtration fineness | | |
| 453 | LLC "INROST | | Manufacturing and delivery | Yekaterin- | 2023 |
| 753 | | | of coalescing elements | burg, | 2023 |
| | Company" | | or coalescing elements | Russia | |
| | | | | | |
| 454 | AO GC Titan | Laboratory | Development, manufacturing | Omsk, | 2023 |
| | | distillation unit | and delivery | Russia | |
| | | (packed column) | | | 1 |

| 455 | JSC "Kazan- compressormash" | Compressor units AK-3 and AK 4 filter elements for MO101 rough cleaning - filter elements for MO101 fine cleaning - filter elements for MO103 fine cleaning for Gazpromneft- | Manufacturing and delivery | Kazan, Russia | 2023 |
|-----|--------------------------------|--|----------------------------|------------------|------|
| | | for Gazpromneft- Lubricants Ltd. (OZSM) | | | |

^{*}References for works, carried out during the period from 1991 until 2005, were not compiled