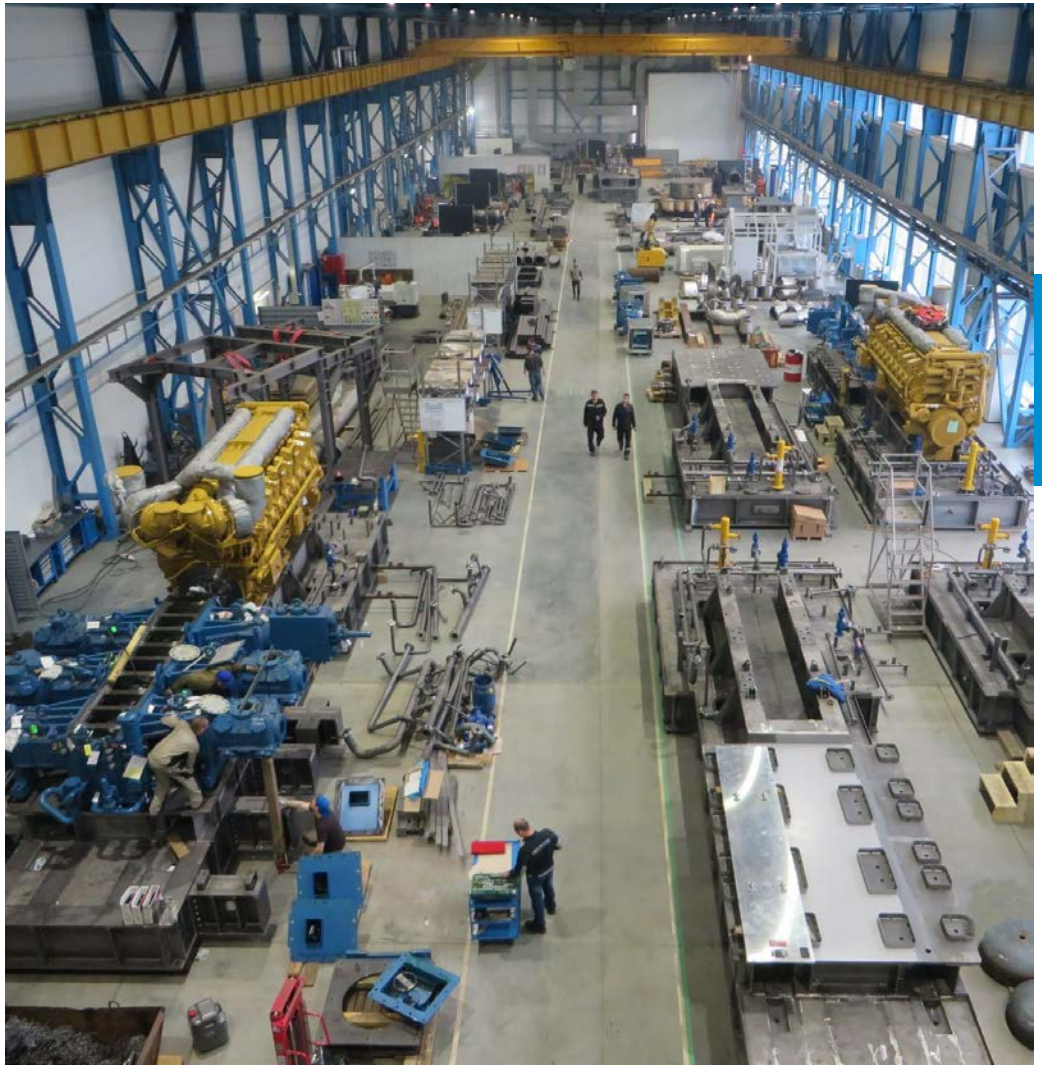
INGC Company



COMPANY TODAY

Modern engineering and manufacturing company, founded in 2010

Area of the production facility

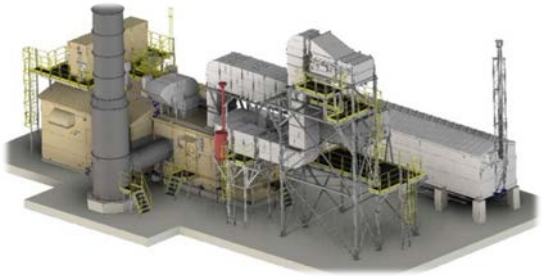
16 acres

more than 400

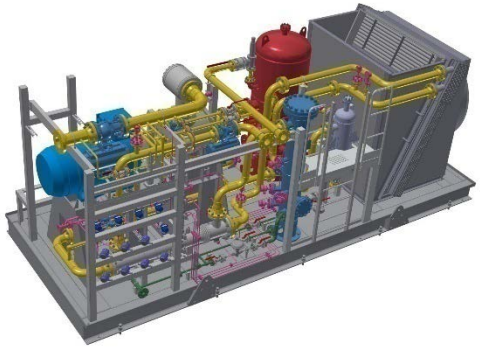
employees

INGC is certified for compliance with ISO 9001-2018.
Certification of production for compliance with **ASME**

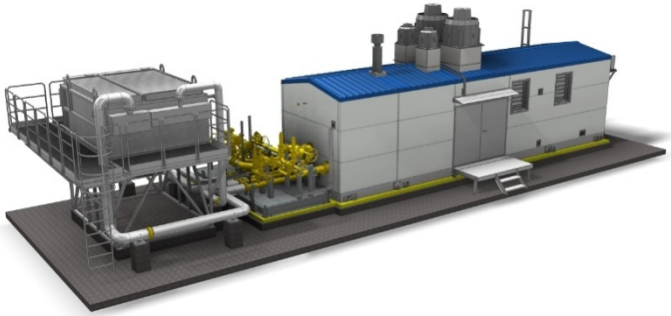
PRODUCT LINE



CENTRIFUGAL COMPRESSOR UNITS



SCREW COMPRESSOR UNIT



PACKAGED EQUIPMENT

GAS TURBINE POWER UNITS

RECIPROCATING COMPRESSOR UNITS

AUTOMATION AND ELECTRICAL DISTRIBUTION SYSTEMS

«IRTYSH» CENTRIFUGAL GAS COMPRESSOR UNITS

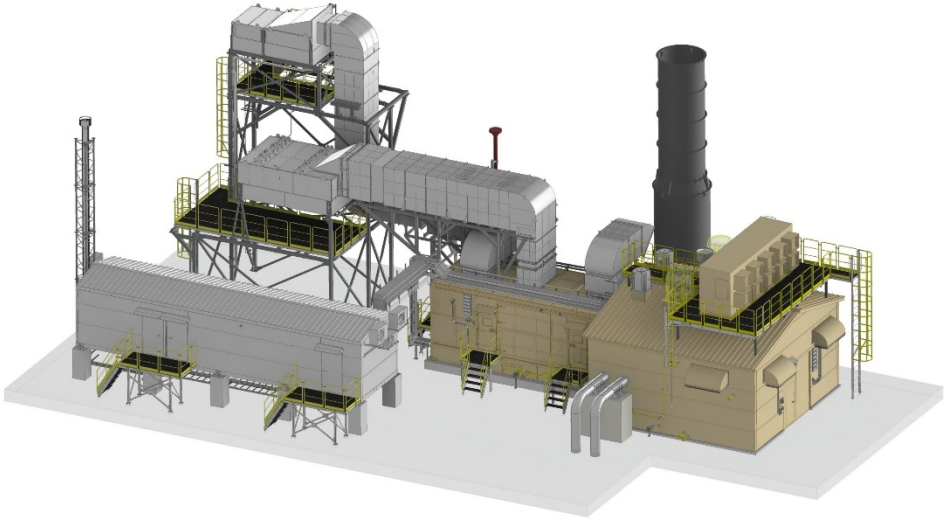
- Power range from 4 to 34 MW
- Different climatic categories
- New construction and modernization of existing CS
- Application at booster, pipeline and injection applications
- Driver: gas or steam turbine, e-motor
- In-house design and manufacturing

Totally delivered more than

50 units

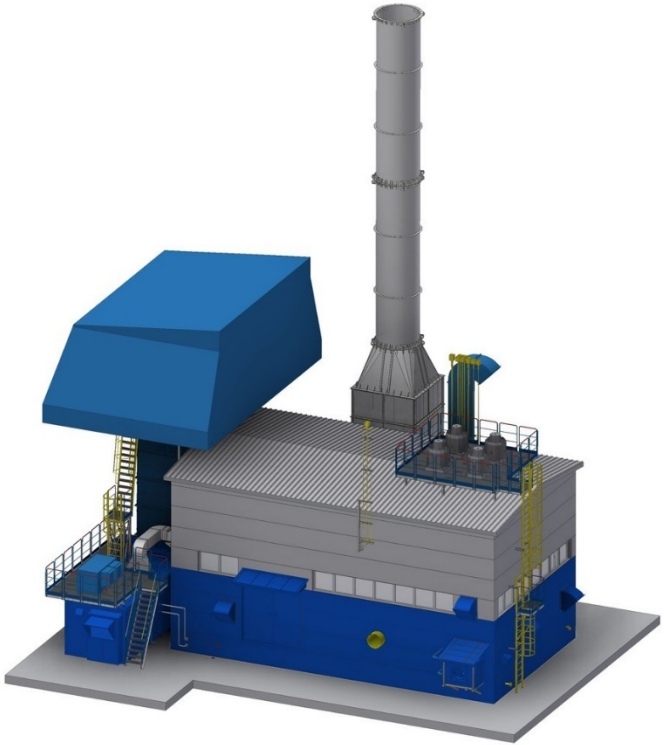
(with Thermodyn, Nuovo Pignone, Siemens, Solar Turbines, NPO Iskra centrifugal compressors)

GAS COMPRESSOR UNITS DESIGN



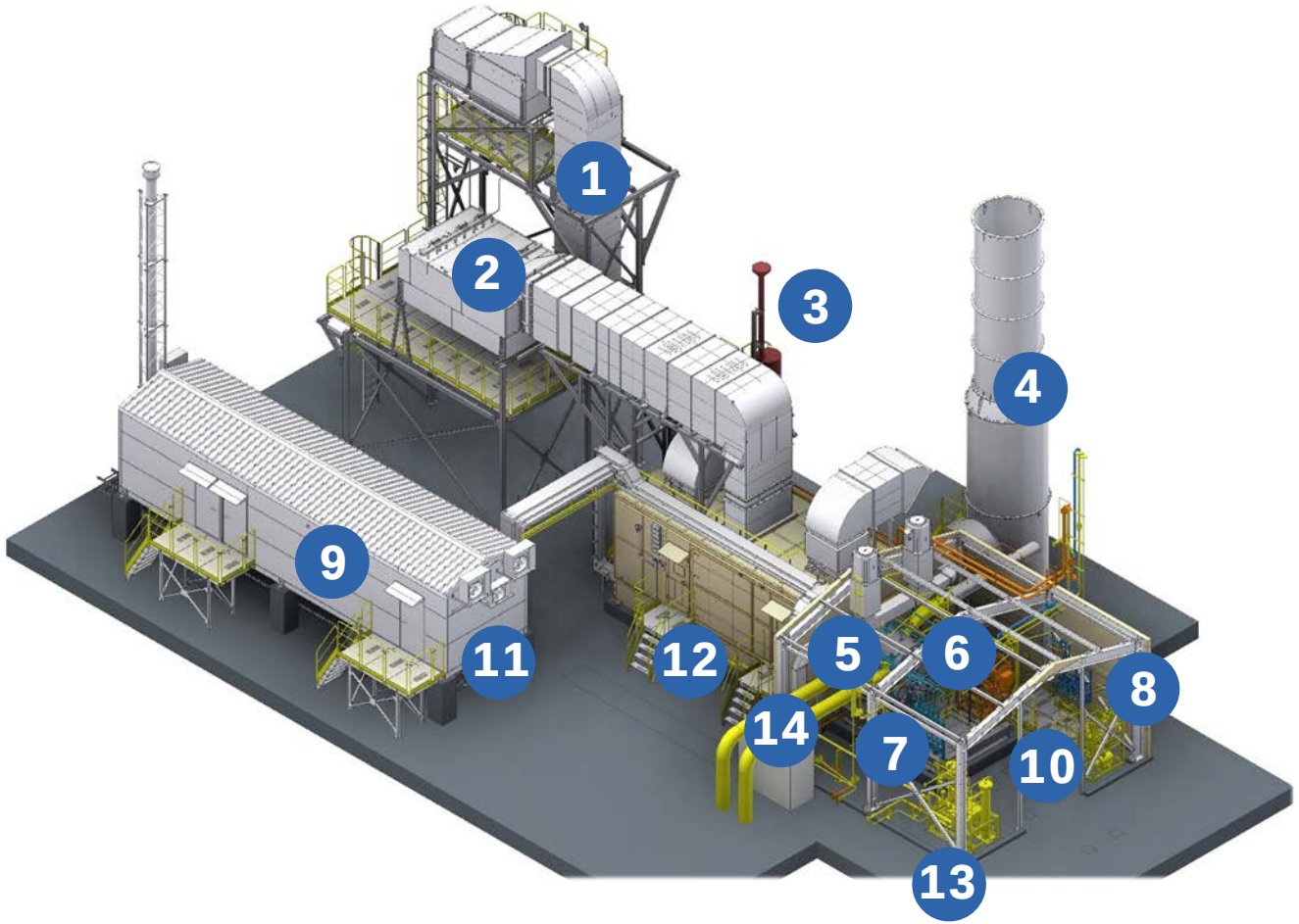
MODULAR CONSTRUCTION

SHELTERING OF HANGAR TYPE



GPU MAIN SYSTEMS AND COMPONENTS

1 Drive cooling system
2 Air-intake system
3 Valve vent
4 Exhaust system
5 Compressor unit
6 Gas turbine lubrication system
7 Compressor washing system
8 Barrier gas preparation system
9 MCC and PLC unit
10 Buffer gas preparation system
11 Fire fighting system
12 Gas turbine unit
13 Fuel gas preparation system
14 Gas monitoring system



GAS TURBINE POWER UNITS

- Current frequency is 50 -60 Hz
- Operation both in isolated networks having kV or 10 kV voltage, and in parallel with the power system
- Power quality at the terminals complies with GOST 31144-2013

Power ranges from

4 to 18 MW

MAIN SYSTEMS AND COMPONENTS OF THE GAS TURBINE POWER UNITS

1 Air-cooling unit

2 Air-intake system

3 Electrical unit

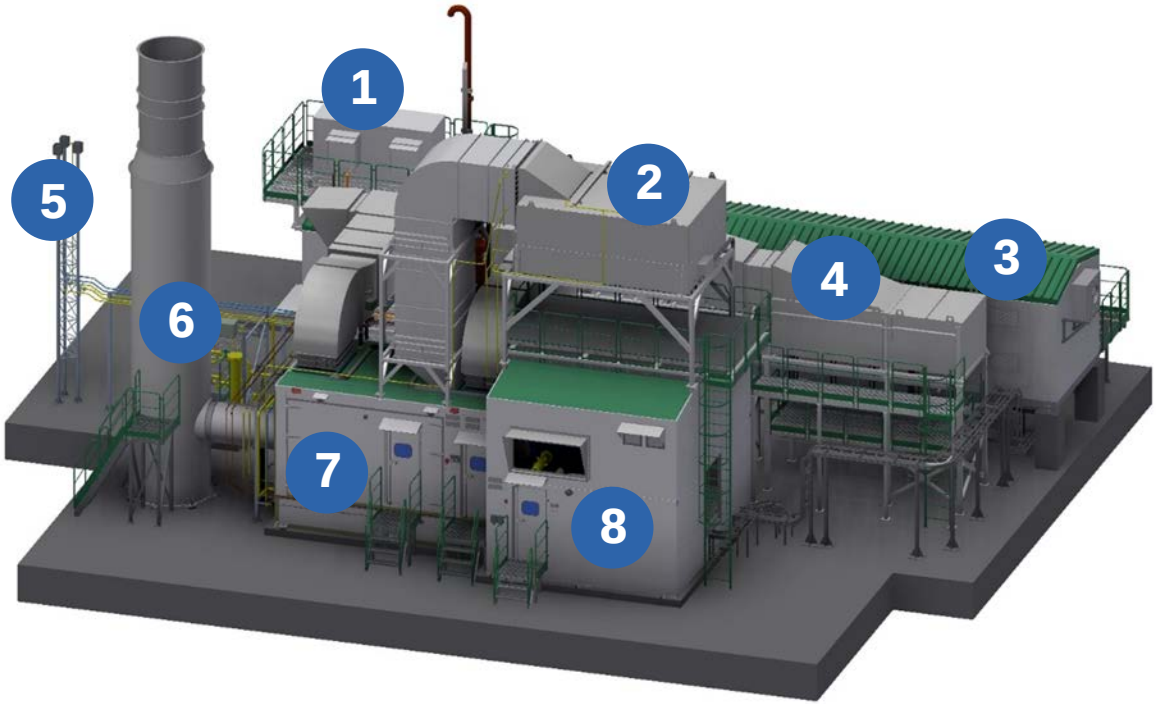
4 Shell pressurization system

5 Valve vent

6 Exhaust system

7 Turbine section

8 Generator section



RECIPROCATING COMPRESSOR UNITS

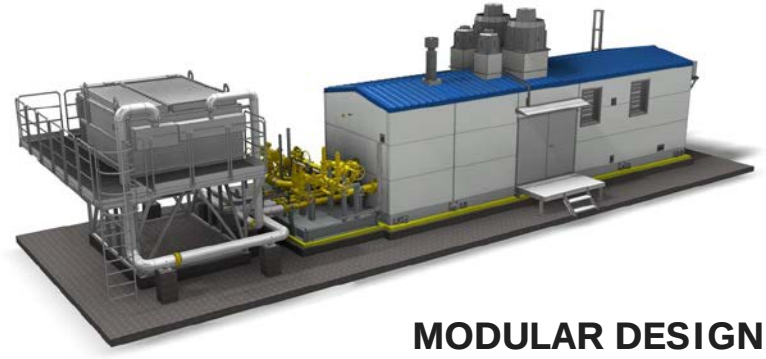
- Power ranges from 30 to 8000 kW
- Pressure is up to 60 MPa
- Drive: gas engine, electric motor and steam turbine
- In-house design and manufacturing of system and components of the reciprocating compressor units

Totally delivered more than

45 units

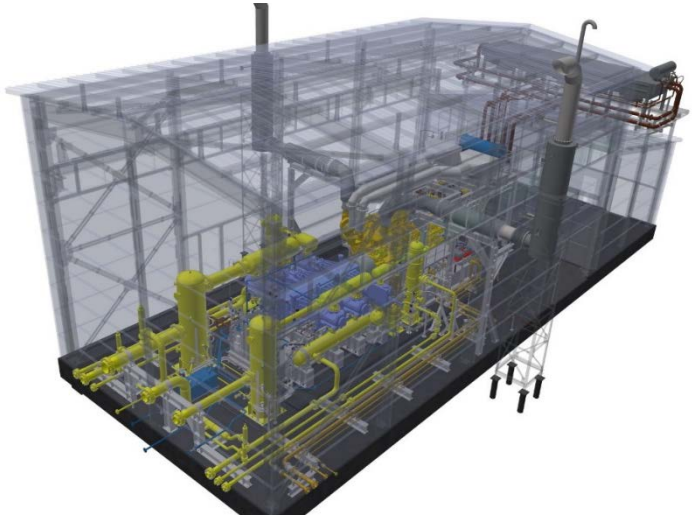
with Ariel, Dresser-Rand, Nuovo Pignone, Cameron reciprocating compressors

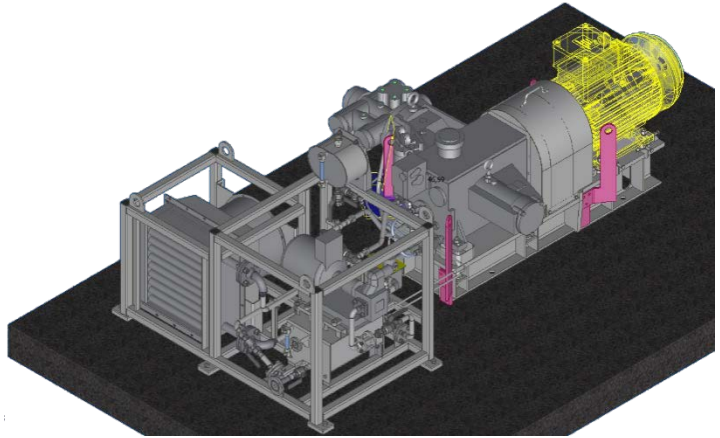
RECIPROCATING COMPRESSOR UNITS DESIGN



MODULAR DESIGN

HANGAR DESIGN

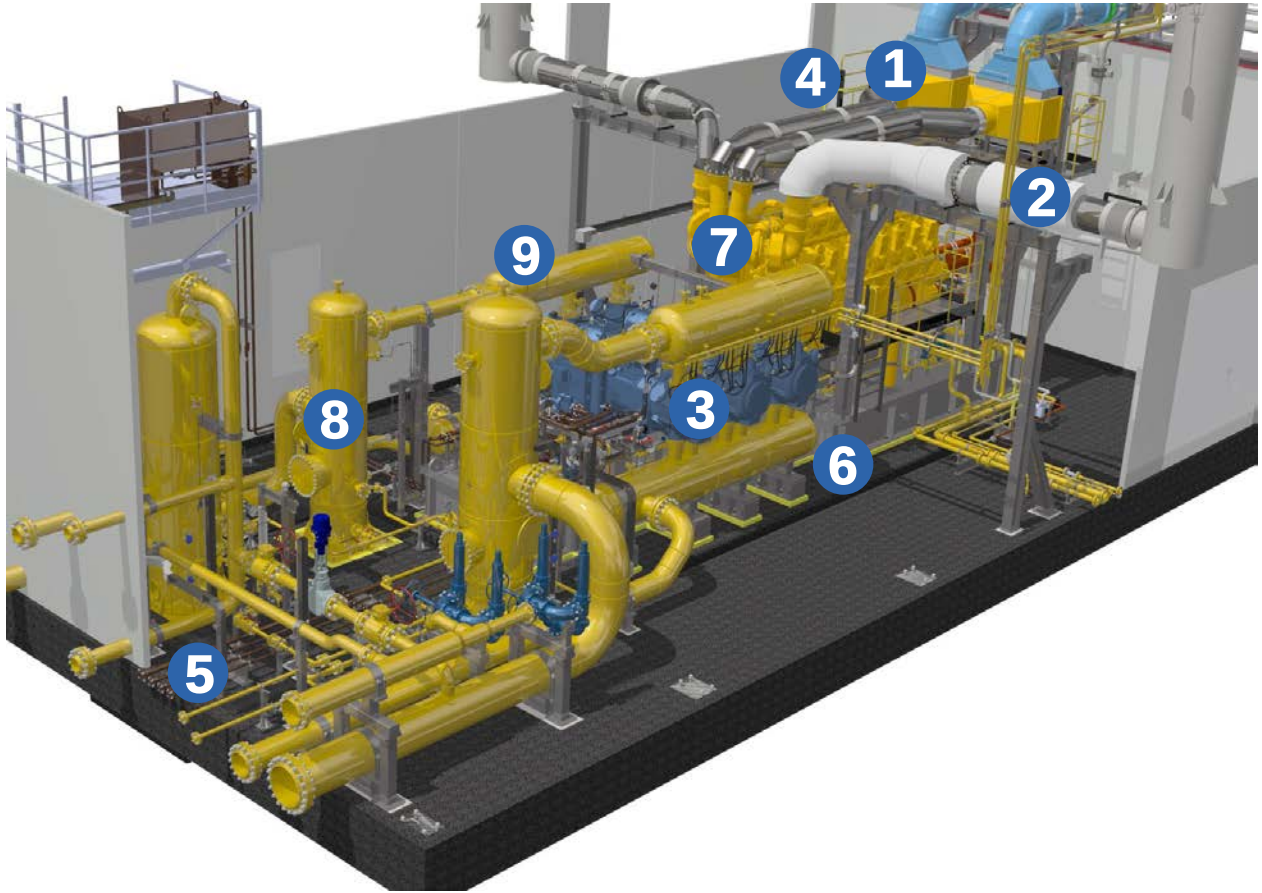




FRAME MOUNTING
in the Customer's hangar/shelter

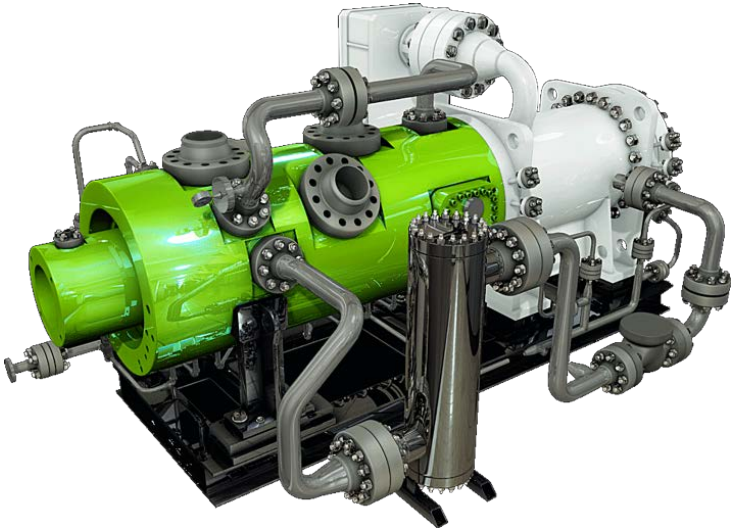
MAIN SYSTEMS AND COMPONENTS OF THE RECIPROCATING COMPRESSOR UNITS

1. Engine air-intake filtration system
2. Exhaust system
3. Compressor
4. Ladders and platforms
5. Lube Oil system
6. Skid
7. Engine
8. Separators
9. Pulsution vessels



MODULE COMPRESSOR UNITS

- Centrifugal motor-compressor;
- Power range 300 to 6000 kW
- Module design
- No oil system
- No oil trace in the compressed gas
- Short commissioning time
- 5 years interval between major service



CAPACITIVE AND SEPARATION EQUIPMENT

Pressure is up to 35 MPa. Volume is up to 100 m^3

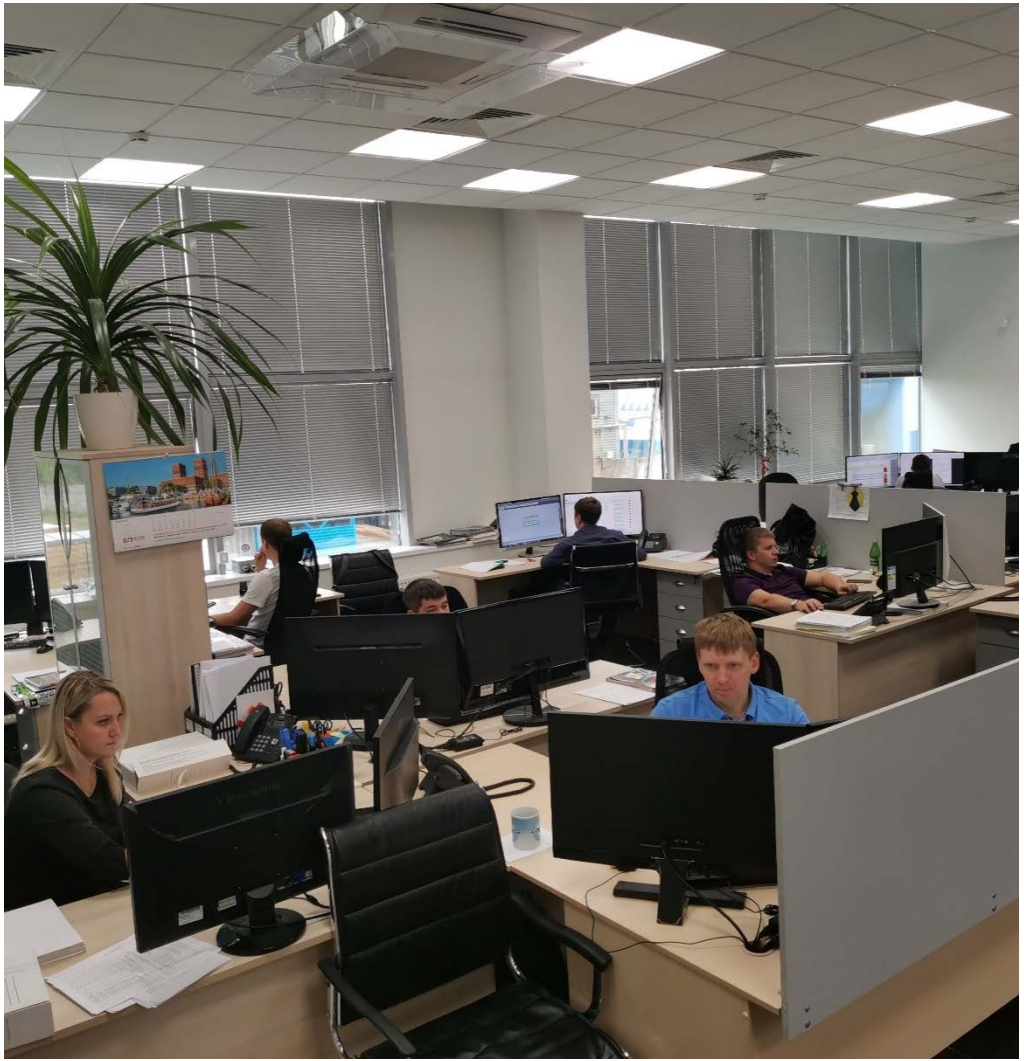
VERSIONS:

- Filling
- High pressure
- Separators
- With internal baffles
- With mixing devices
- With inner coating (epoxies, gumming)
- Other as per Customer's Technical Assignments

MATERIALS:

- Carbon steel
- Corrosion-resistant steel
- Titanium
- Special steels and alloys

The vessels are designed and manufactured in accordance with the requirements of ASME, GOST, federal rules and industrial safety regulations.



DESIGN BUREAU

- Development of design and engineering documentation, technical specifications;
- Mechanical, thermal and gas-dynamic calculations;

Own Design Bureau
more than 50 persons

- Design of automation and power supply systems, lighting, power equipment, and instrumentation equipment
- Development of engineering documentation in accordance with: GOST, ESKD, SPDS, and with the basic requirements of API, ISO, ASTM and ASME standards;
- Processing of foreign documents for compliance with GOST, RD for the production localization;
- Designer supervision in all cycles of project implementation;

РОССИЙСКАЯ ФЕДЕРАЦИЯ

ПАТЕНТ

НА ИЗОБРЕТЕНИЕ

№ 2664053

ГАЗОПЕРЕКАЧИВАЮЩИЙ АГРЕГАТ

Патентообладатель: *Общество с ограниченной ответственностью "Искра-Нефтегаз Компрессор" (RU)*

Авторы: *Бычков Олег Витальевич (RU), Коймов Сергей Анатольевич (RU), Федосеев Сергей Васильевич (RU), Чепкасов Евгений Анатольевич (RU)*

Заявка № 2017106824
Приоритет изобретения 02 марта 2017 г.
Дата государственной регистрации в Государственном реестре изобретений Российской Федерации 14 августа 2018 г.
Срок действия исключительного права на изобретение истекает 02 марта 2037 г.

Руководитель Федеральной службы по интеллектуальной собственности Г.П. Ивлиев

РОССИЙСКАЯ ФЕДЕРАЦИЯ

ПАТЕНТ

НА ИЗОБРЕТЕНИЕ

№ 2608396

ПОРШНЕВАЯ КОМПРЕССОРНАЯ УСТАНОВКА ДЛЯ КОМПРИМИРОВАНИЯ ГАЗА

Патентообладатель: *Общество с ограниченной ответственностью "ИНГК-ПРОМТЕХ" (RU)*

Авторы: *Кудрявцев Сергей Владимирович (RU), Странкалс Игорь Александрович (RU), Шевнин Сергей Николаевич (RU), Шестоперов Иван Васильевич (RU)*

Заявка № 2015152800
Приоритет изобретения 08 декабря 2015 г.
Дата государственной регистрации в Государственном реестре изобретений Российской Федерации 18 января 2017 г.
Срок действия исключительного права на изобретение истекает 08 декабря 2035 г.

Руководитель Федеральной службы по интеллектуальной собственности Г.П. Ивлиев

РОССИЙСКАЯ ФЕДЕРАЦИЯ

ПАТЕНТ

НА ИЗОБРЕТЕНИЕ

№ 2664735

ГАЗОТУРБИННАЯ УСТАНОВКА АРКТИЧЕСКОГО ИСПОЛНЕНИЯ

Патентообладатель: *Общество с ограниченной ответственностью "Искра-Нефтегаз Компрессор" (RU)*

Авторы: *Бычков Олег Витальевич (RU), Пешин Александр Валерьевич (RU), Пискунов Андрей Александрович (RU), Фаминых Анатолий Викторович (RU), Чепкасов Евгений Анатольевич (RU)*

Заявка № 2017113761
Приоритет изобретения 21 апреля 2017 г.
Дата государственной регистрации в Государственном реестре изобретений Российской Федерации 22 августа 2018 г.
Срок действия исключительного права на изобретение истекает 21 апреля 2037 г.

Руководитель Федеральной службы по интеллектуальной собственности Г.П. Ивлиев

РОССИЙСКАЯ ФЕДЕРАЦИЯ

ПАТЕНТ

НА ИЗОБРЕТЕНИЕ

№ 2694559

ВИНТОВАЯ КОМПРЕССОРНАЯ УСТАНОВКА

Патентообладатель: *Общество с ограниченной ответственностью "ИНГК-ПРОМТЕХ" (RU)*

Авторы: *Бычков Олег Витальевич (RU), Кудрявцев Сергей Владимирович (RU), Паклин Михаил Алексеевич (RU), Шевнин Сергей Николаевич (RU), Шестоперов Иван Васильевич (RU)*

Заявка № 2018117118
Приоритет изобретения 07 мая 2018 г.
Дата государственной регистрации в Государственном реестре изобретений Российской Федерации 16 июля 2019 г.
Срок действия исключительного права на изобретение истекает 07 мая 2038 г.

Руководитель Федеральной службы по интеллектуальной собственности Г.П. Ивлиев

DESIGN BUREAU

Creative, innovative approach to design can be confirmed by the patents for invention and utility models

There are **24** patents and utility models for “Irtysh” GCU.

PLC and software

development based on any hardware components using the controller equipment of any vendor and considering the Customer’s preferences.

«Sirius» information and control system of in-house design for the compressor units control.

PRODUCTION

- Total area of the production base is 16 acres;
- Assembly workshop is 55000 ft^2;
- Machining workshop is 27000 ft^2;
- Painting and packaging workshop is 16000 ft^2;

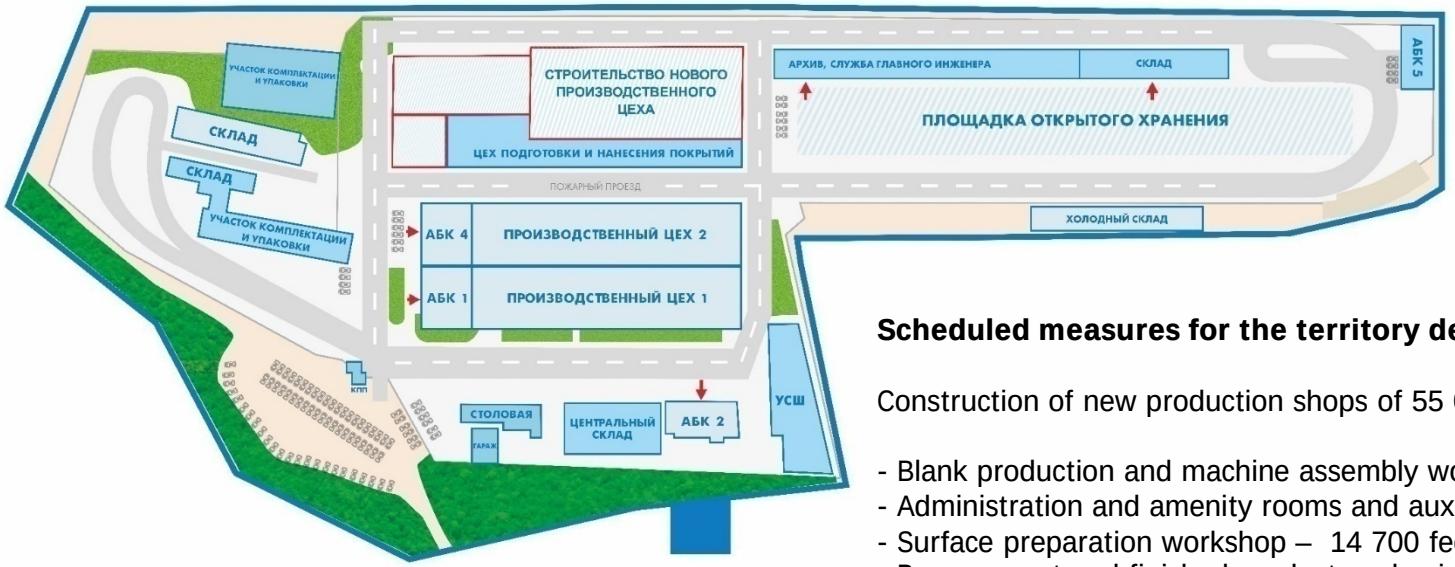
up to 12 Recip units simultaneously

up to 20 Sentrifugals units annually

PRODCUTION AREA

In 2020, territory of the production area was expanded up to 17 000 feet²

- New administration buildings were constructed – 13000 feet²
- Outdoor storage area was expanded – 39000 feet²
- New gantry crane of 16 ton capacity was purchased.



Scheduled measures for the territory development:

Construction of new production shops of 55 000 feet² area, among them:

- Blank production and machine assembly workshop – 2 9600 feet²
- Administration and amenity rooms and auxiliary areas — 3660 feet²
- Surface preparation workshop – 14 700 feet²
- Procurement and finished product packaging workshop – 6500 feet²

Construction of metalware and electrical equipment warehouse of 4300 feet² area

PRODCUTION AREA

PRODUCTION POTENTIAL

Full-cycle production of compressor units and gas compressor units is performed at INGC facilities in the following sections:

1. Blank preparation section (metal cutting and plasma cutting, lathe, milling and drilling operations)

2. Welding and assembly section (welding, mocking-up, assembly of steel structures and process equipment)

PRODUCTION POTENTIAL

3. Machine assembly section (packaging of the systems, installation of the process equipment and argon arc welding)

4. Electrical section (assembly of the switchboard equipment and performance of electrical work package)

CS and LOW-VOLTAGE PACKAGE MODULE SYSTEMS INTEGRATION

- Low-voltage package module cabinets
- Fire alarm and automation cabinets
- Heating and ventilations automation and control cabinets
- Lighting panels
- Power distribution panels
- Metering panels
- Circuit-breaker panels

Own «Sirius» information and control system for recip and centrifugal units operation

PRODUCTION POTENTIAL

Full-cycle production of gas compressor units and compressor units is performed at INGC facilities in the following sections:

5. Section of the vessel equipment automatic submerged-arc welding

6. Packing section

PRODUCTION POTENTIAL

7. Finished products storage area. Storage and shipment area.

TECHNICAL SUPPORT AND SERVICE

- Erection supervision work
- Commissioning and start-up
- Maintenance service
- Delivery of spare parts
- Equipment modernization

Specialists of the company have valid certificates and accreditation for performing work on the equipment of such companies as **Caterpillar, Ariel, Nuovo Pignone, John Crane, Eagle Burgmann, Thermodyn, Solar**, etc.

For operation of INGC equipment supplied, SP kits and consumables are delivered as well as warranty and post-warranty maintenance is performed.

СИСТЕМА ДОБРОВОЛЬНОЙ СЕРТИФИКАЦИИ
ИНТЕРГАЗСЕРТ
РОСС RU.31570.04ОГН0

ОРГАН ПО СЕРТИФИКАЦИИ СИСТЕМ МЕНЕДЖМЕНТА КАЧЕСТВА
Ассоциация по сертификации «Русский Регистр»
№ ОГН1.RU.1401

Российская Федерация, 191014, Санкт-Петербург, Литейный пр., д.45/8, лит. А, пом.6Н
тел.: (812) 678-90-01, факс: (812) 678-90-02, e-mail: rr-head@rusregister.ru

СЕРТИФИКАТ СООТВЕТСТВИЯ

№ ОГН1.RU.0.00.00057 К 50550
Срок действия с 24.07.2019 по 24.07.2022
СЕРТИФИКАТ ВЫДАН :

Обществу с ограниченной ответственностью
«Искра-Нефтегаз Компрессор»
(ООО «ИНГК»)
АДРЕС: Российская Федерация, 119334, г. Москва,
ул. Вавилова, д.5, корп. 3

тел.: +7 (495) 231-46-73, факс: +7 (495) 231-46-73, e-mail: info@ingc.ru

НАСТОЯЩИЙ СЕРТИФИКАТ УДОСТОВЕРЯЕТ:

Система менеджмента качества применительно к проектированию, изготовлению, монтажу, шеф-монтажу, пусконаладочным работам, гарантийному и послегарантийному обслуживанию поршневых и винтовых компрессорных установок, газоперекачивающих агрегатов, технологических блоков, установок газотурбинных передвижных, вспомогательных систем газоперекачивающих агрегатов и центробежных компрессоров для машиностроения, топливно-энергетического и гражданского комплекса

Действует с Приложением

СООТВЕТСТВУЕТ ТРЕБОВАНИЯМ
СТО 1 ИНГК 9001-2018

Руководитель органа по сертификации А.В. Владимиров
Эксперт А.П. Никитин

CERTIFICATE OF AUTHORIZATION

The American Society of Mechanical Engineers

The named company is authorized by the American Society of Mechanical Engineers (ASME) for the scope of activity shown below in accordance with the applicable rules of the ASME Boiler and Pressure Vessel Code. The use of the ASME Certification Mark and the authority granted by this Certificate of Authorization are subject to the provisions of the agreement set forth in the application. Any construction stamped with the ASME Certification Mark shall have been built strictly in accordance with the provisions of the ASME Boiler and Pressure Vessel Code.

COMPANY:

INGC
92 Novo-Galvinskaya street
Perm 614030
Russian Federation

SCOPE:

Manufacture of pressure vessels at the above location only

AUTHORIZED: **January 17, 2020**
EXPIRES: **January 17, 2023**
CERTIFICATE NUMBER: **58452**

Board Chair, Conformity Assessment

Managing Director, Conformity Assessment

СИСТЕМА ДОБРОВОЛЬНОЙ СЕРТИФИКАЦИИ
ИНТЕРГАЗСЕРТ
РОСС RU.31570.04ОГН0

ОРГАН ПО СЕРТИФИКАЦИИ СИСТЕМ МЕНЕДЖМЕНТА КАЧЕСТВА
Ассоциация по сертификации «Русский Регистр»
№ ОГН1.RU.1401

Российская Федерация, 191014, г. Санкт-Петербург, Литейный пр., д. 45/8, лит. А, пом.6Н
тел.: (812) 678-90-01, факс: (812) 678-90-02, e-mail: rr-head@rusregister.ru

СВИДЕТЕЛЬСТВО ОБ ОЦЕНКЕ ДЕЛОВОЙ РЕПУТАЦИИ

№ ОГН1.RU.1401.00084 ДР 00118
Срок действия с 25.05.2020 по 24.05.2023
ИНДЕКС ДЕЛОВОЙ РЕПУТАЦИИ
Общества с ограниченной ответственностью

«Искра-Нефтегаз Компрессор»
(полное наименование заявителя)
применительно к
27.11, 28.11, 28.13, 28.99
(виды экономической деятельности по ОК 029-2014)

СОСТАВЛЯЕТ 80

СВИДЕТЕЛЬСТВО ВЫДАНО НА ОСНОВАНИИ РЕШЕНИЯ ОРГАНА ПО СЕРТИФИКАЦИИ СМК АССОЦИАЦИИ ПО СЕРТИФИКАЦИИ «РУССКИЙ РЕГИСТР» О ВЫДАЧЕ СВИДЕТЕЛЬСТВА ОБ ОЦЕНКЕ ДЕЛОВОЙ РЕПУТАЦИИ ОТ 25.05.2020 № 20.06410.026

ДОПОЛНИТЕЛЬНАЯ ИНФОРМАЦИЯ

Руководитель органа по сертификации А.В. Владимиров
Эксперт Н.С. Павлова

ОРГАН ПО СЕРТИФИКАЦИИ
АССОЦИАЦИЯ ПО СЕРТИФИКАЦИИ "РУССКИЙ РЕГИСТР"
АТТЕСТАТ АККРЕДИТАЦИИ ФЕДЕРАЛЬНОЙ СЛУЖБЫ
ПО АККРЕДИТАЦИИ № РОСС RU.0001.21ГА45

RUSSIAN REGISTER РУССКИЙ РЕГИСТР

СЕРТИФИКАТ

Настоящим удостоверяется, что система менеджмента качества

ООО "ИНГК-ПРОМТЕХ"
ул. Ново-Гайвинская, 92, Пермь, Пермский край, 614030, Россия

была проверена и признана соответствующей требованиям стандарта

ГОСТ Р ИСО 9001-2015

в отношении проектирования, изготовления, шеф-монтажа, пуско-наладочных работ, гарантийного и послегарантийного обслуживания поршневых и винтовых компрессорных установок, технологических блоков, вспомогательных систем газоперекачивающих агрегатов и центробежных компрессоров для машиностроения, топливно-энергетического и гражданского комплекса

№ 20.0807.026
от 7 августа 2020 г.

Система менеджмента сертифицирована с 2014 года

Сертификат действителен до 8 августа 2023 г.

Генеральный директор Ассоциации по сертификации "Русский Регистр"

Сертификат теряет силу в случае невыполнения условий сертификации (http://www.rusregister.ru/doc/804.00-105.pdf). Сертификат является собственностью Ассоциации по сертификации "Русский Регистр".

Ассоциация по сертификации "Русский Регистр", тр. Ростовско-Корсакова, д. 101, Санкт-Петербург, 191023, Россия

QUALITY SYSTEM

INGC products have all necessary certificates of conformity and other authorization documentation applicable in the Russian Federation and CIS countries.

INGC is certified for compliance with ISO 9001-2018

In 2019, certification of INGC production compliance with

ASME standard was completed (Certificate ASME U №58452 is valid till 17.01.2023).

YUZHNO-RUSSKOYE OIL, GAS AND CONDENSATE FIELD BCS1 (1 and 2 PHASE)

Four GCU-16 for operation of the booster compressor shop 1, in terms of extension of CGTP of Yuzhno-Russkoye oil and gas field.

Drive: gas turbine GTU-16P,
Compressor: Centrifugal NC-16 DCS-02 «Ural»

Capacity: 16 MW
Discharge pressure: 7,4 MPa (g)
Production rate: 25,1 billion nm^3 / year

Severneftegazprom LLC (2012)

Installation and commissioning of GCU with a drive, compressor and hangar.
Replacement of compressor replacement flow passage.

YUZHNO-RUSSKOYE OIL, GAS AND CONDENSATE FIELD BCS2 (3 PHASE)

Six "Irtysh" GCU-1602 for operation as part of booster compressor station 2.

Drive: gas turbine GTU-16PA

Compressor: Centrifugal NC-16 DCS-02 "Ural"

Capacity: 16 MW
Discharge pressure: 7,6 MPa (g)
Production rate: 25,1 billion nm^3 / year

Severneftegazprom LLC (2019-2020)

Installation and commissioning of GCU with a drive, compressor and hangar.

AKYRTOBE BOOSTER COMPRESSOR STATION

Three GCU-18 in individual shelters for boosting compressor station «Akyrtobe», Kazakhstan

Drive: Gas turbine NK-16-18STD "KMPO", OJSC (Kazan)

Compressor: Centrifugal BCL356/A Thermodyn S.A.S (GE Oil & Gas)

Capacity: 18 MW

Discharge pressure: 9,8 MPa (abs)

Production rate: 1,986 billion nm^3 / year

KazTransGaz JSC (2016-2018)

Erection supervision and commissioning of GCU with a drive, compressor and hangar shelter.
DGS installation.

MODERNIZATION OF URENGOY CONDENSATE PRE-TRANSPORTATION PREPARATION PLANT

Two GCU-10 and one GCU-6 in the common shelter
Drive: PS-90GP and D-30EU-6
Delivered by UEC Aviadvigatel JSC (Perm)

Compressors: centrifugal,
STC-SV series by Siemens AG, FRG
Capacity: 10 and 6 MW
Discharge pressure: 7,3/7,3 MPa
Production rate: 170276 and 76494 m3/h

Gazprom Pererabotka LLC
(2017-2018)

Erections supervision, installation and commissioning of GCU with a drive, compressor and hangar shelter. GCU preservation and depreservation.

ICHEDINSKOYE FIELD

Two GTEA-6 complete gas turbine electric units of block-modular execution.

Drive: Gas turbine Taurus 60-7901 (Solar Turbines)

Generator unit:

3Y131-1010944

Kato Engineering, US

Capacity: 5,74 MW

Rated voltage: 6,3 kV

Irkutsk Oil Company LLC
(2018)

Erection supervision and commissioning of GCU with a drive and generator

YARAKTINSKOYE / ICHEDINSKOYE FIELD

Two GTA-6PM complete gas turbine electric units of block-modular execution.

Drive: Gas turbine D-30KU/KP (Saturn Gas Turbines, Rybinsk)

Compressor: centrifugal BCL356/A with DGS and oil bearings by Thermodyn S.A.S

Generator unit: T series

(Electrotyazhmash-Privod)

Capacity: 6 MW

Rated voltage: 6,3 kV

Irkutsk Oil Company LLC
(2019)

Erection supervision during GCU dismantling in Yaraktinskoye OGCF and commissioning of GCU with a drive and generator in Ichedinskoye OGCF

SEMANTEPE BCS

Two GCU-8
Further development of Semantepe field with BCS extension in Yuzhny Urtobulok field (ENTER Engineering)

Drive: Solar Taurus 70 (Solar Turbines)

Compressor: 2BCL 406 (DHGE (Thermodyn SAS)
Capacity: 7,8 MW

Discharge pressure: 5,5 MPa
Production rate: 70375 to 383250 m3/h

Uzbekneftegaz JSC (2019)

Erections supervision and commissioning of GCU with a drive.

ALIBECMOLA CS

Reciprocating CU in the individual pre-fabricated shelter.

Drive: gas reciprocating engine Caterpillar G3508B, 515 kW, 1400 rpm

Compressor: Ariel JGE/2

Discharge pressure: 4.0 MPa (g.)

Production rate: 18000 nm3/h

KazakhOil-Aktobe (2011)

Erection supervision of the shelter, CU unit, auxiliary equipment with piping, commissioning and putting into operation.

HYDROGEN PRODUCTION UNIT

Three reciprocating CUs, steam-turbine-driven, a part of hydrogen production unit.

Drive: steam turbine GE Nuovo Pignone SC1-6, 4 MW

Compressor: GE Nuovo Pignone 2HG/2

Discharge pressure: 9,3 MPa (g)

Production rate: 55000 nm3/h

Angarsky Petrochemical Plant (2013)

Installation and assembly of steam turbine units, compressor, condensing unit, lubrication and cooling units.
Regular represervation.

KOVYKTINSKOYE OGCF

Reciprocating CU, ready-to-operate, of modular construction.

Drive: LOHER of 250 kW power, 1000 rpm

Compressor: Ariel JGJ/4

Discharge pressure: 9,8 MPa (g.)

Production rate: 1000 nm3/h

Gazprom dobycha Irkutsk LLC (2012)

Installation of CU unit and air-cooling unit of gas with piping,
Commissioning and putting into operation.
Koutine maintenance.

YURUBCHENO-TOKHOMSKOYE FIELD

Twelve reciprocating CUs
in the individual shelters for
oil-associated gas compression and further
injection into formation.

Drive: Caterpillar G3616 LE, 3700 kW,
1000 rpm

Compressor: Ariel KBU/6

Discharge pressure: 28,0 MPa (g.)

Production rate: 23000 nm3/h

Vostsibneftegaz JSC (2016)

Erection supervision of the helter, CU units, air-cooling unit of gas and engines, exhaust system, low-voltage package module and ACS. Regular reconservation

CHINAREVSKOYE GCF

Three reciprocating CUs of modular construction, ready-to-operate. Reinforcement block and air-cooling units of gas with piping are installed outside.

Drive: Siemens, 1150 kW, 960 kV, 1500 rpm

Compressor: Ariel JGJ/6 (2 stages)

Discharge pressure: 4,2 MPa (g.)

Production rate: 12000 std m3/h

Zhaikmunai LLC (2018)

Erection supervision of CU units, air-cooling units of gas with piping, commissioning and putting into operation.

PYREINOYE BOOSTER COMPRESSOR STATION

Ready-to-operate in-frame **reciprocating compressor unit** located in the enclosure of hangar type.

Drive: Caterpillar G3612, 2,64 MW, 750-1000 rpm

Compressor: Ariel KBZ/4

Discharge pressure: 11,20 MPa (g)

Production rate: 260,42 thous. Sm3/hr

Sibneftegaz LLC (2018)

Erection supervision of the compressor units, gas air cooler with piping, adjustment and start-up.

ICHEDINSKOYE FIELD

Three reciprocating CUs КУ of modular construction, ready-to-operate. Reinforcement block and air-cooling units of gas with piping are installed outside.

Electric motor: ВА355MLC4БУ2,5, 450 kW, 1500 rpm

Compressor: Ariel JGJ/4

Discharge pressure: 0... 40 MPa (g.)

Production rate: 4600 st m3/h

Gazprommash Plant LLC (2020)

NEFTEGORSKY GAS PROCESSING PLANT

Packaged supply of the unit of the feed gas compressor station, incl.: **four screw** and three reciprocating compressor units, ready-to-operate, on the frames for installation in the common shelter.

Drive: WEG 800 kW (2pcs) and 1700 kW (2pcs), 6 kV, 3000 rpm
Compressor: HOWDEN WRVi-365 and WRVi-510
Discharge pressure: 0,6 MPa (g.)
Production rate: 25000 nm3/h and 21000 nm3/h

Rosneft PJSC (2014)

Erection supervision of CU units in the shelter, air-cooling units of gas, separators, low-voltage package module and the rest equipment of the station.

YURUBCHENO-TOKHOMSKOYE FIELD

Four screw CUs, ready-to-operate; the unit is located in the container of modular construction with installed supporting system. Air-cooling unit of gas and glycol with piping as well as control unit with ACS and low-voltage package module are installed outside.

Drive: Siemens, 1150 kW, 6 kV, 3000 rpm

Compressor: HOWDEN WRVi-321

Discharge pressure: 1,1 MPa (g.)

Production rate: 6000 st m3/h

Vostsibneftegaz JSC (2018)

Erection supervision of CU units in the shelter, air-cooling unit of gas with piping, control unit, interunit connections

POVKHOVSKOYE FIELD

Packaged screw CU of modular construction, ready-to-operate. Air-cooling unit of gas with piping is installed outside on the frame integral with the unit.

Drive: Ruselprom, 160 kW, 6 kV, 3000 rpm

Compressor: GEA Grasso VP-V36S

Discharge pressure: 0,32 MPa (g.)

Production rate: 1500 st m3/h

LUKOIL-West Siberia LLC (2019)

Unit erection supervision and commissioning

CONGO REPUBLIC

Packaged screw CU on the frame.
Outdoor design.
Air-cooling unit of gas with piping is installed outside on the frame integral with the unit.

Drive: ABB M3GP , 450kW, 3000 rpm

Compressor: HOWDEN WRVi 255-110 38

Discharge pressure: 1,69...1,80 MPa (g.)

Production rate: 4228 St m3/hr

Perenco Rep S.A.R.L. (France) 2019

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