EKSKA TEKNIK

www.ekska-teknik.com

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info@ekskateknik.com

EKSKA TEKNIK

Who We Are?

EKSKA provides for a broad range of spare parts manufactured by re-engineering components with the most updated technologies for Gas Turbines, Steam Turbines, Reciprocating compressors, and Centrifugal Compressors. We offer indeed the possibility to build tailor-made components according to the Customers' drawings and specifications and to provide repair services for spare parts. When the Original Manufacturer (OEM) cannot provide spare parts for the oldest machines, we can provide components in stocks purchased by end users having replaced their machinery. EKSKA adheres to all international regulations and standards as well as re-export limitations. Please take a moment to review our brief scope of supply.

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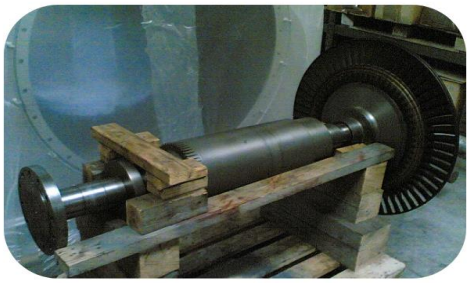
Our Services

Gas Turbine Spare Parts

MS1002 (PGT5)

Flange to flange spare parts for MS1002 (PGT5) gas turbine which is a double shaft gas turbine with a 5MW nominal output range, is ready to be quoted with higher OEM equivalent quality as well as best competitive prices. Some of our major projects on these gas turbines are:

1- Supplying 3 complete refurbished gas turbines including installation and commissioning
2- Managing the supply chain for several sets of HP and LP buckets
3- Supplying lots of HP and LP turbine wheels
4- Supplying instrumentations such as servo valves, solenoid valves, check valves, etc.

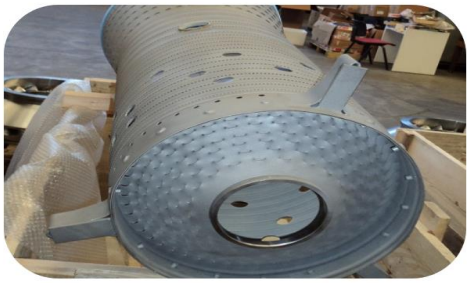


MS5001

We are so proud to announce that nowadays EKSKA Teknik is becoming one of the main sources for first and second-stage buckets for Frame 5 which is one of our most successful supply chain managing projects. We have exceeded over 100 sets of these buckets and they have already been installed on different gas turbines all around the world. Our competitive pricing as well as OEM equivalent quality of these parts made us one of the most reliable suppliers of these parts in the world.
Other parts which we are ready to supply are:
1- Complete rotors as well as individual turbine wheels for different hot or cold section
2- First and second-stage nozzles
3- Instrumentations such as servo valves, flame detectors, check valves, fuel pumps, etc.
4- Compressor blades

PGT10

PGT10 (GE10-2) is a twin-shaft gas turbine used as a mechanical drive with a nominal output range of 10MW used in lots of pipelines all around the world to pump oil or gas to further stations.
PGT10 is also so proud to announce that we are capable of supplying flange to flange components of these gas turbines considering capital parts or nominal parts such as
1- Transition Pieces and liners
2- Turbine wheels and tie bolts
3- First and second-stage HP and LP buckets and nozzles



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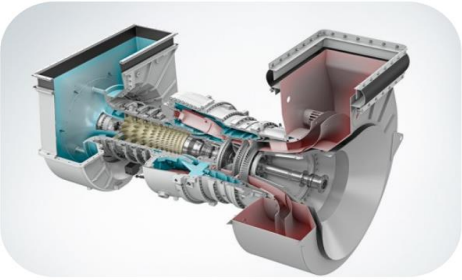
Our Services

Gas Turbine Spare Parts

SGT Series

Siemens Industrial SGT gas turbine series are twin shaft mechanical drive gas turbines with a nominal output range of less than 60MW. Such as:

1- SGT100 (TYPHON) – 5MW
2- SGT200 (TORNADO) – 7MW
3- SGT300 (TEMPEST) – 8MW
4- SGT400 (CYCLONE) – 13MW
5- SGT600 (GT10B) – 25MW



V94.2 (SGT5-2000E)

V94.2 (SGT5-2000E) is a single-shaft gas turbine used as a generator drive with a nominal output range of 163MW Version 6 models, used in lots of power plants all around the world to generate electrical power for towns and cities.
EKSKA Teknik is also so proud to announce that we are capable of supplying flange to flange components of these gas turbines considering capital parts or minor parts with a competitive price and also OEM equivalent quality.

MS9001

GE Frame 9 (MS9001) is a single-shaft gas turbine used as a generator drive with a nominal output range of 128MW in the PG9171E+PIP package and 130MW in the AGP package, used in lots of power plants all around the world to generate electrical power for towns and cities.
GE Frame 9 (MS9001) is a single-shaft gas turbine used as a generator drive with a nominal output range of 128MW in the PG9171E+PIP package and 130MW in the AGP package, used in lots of power plants all around the world to generate electrical power for towns and cities.

GE 9E.03

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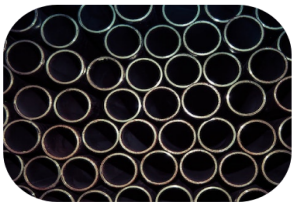
Our Services

Mechanical

Ekska is a specialist in the supply of quality-controlled industrial pipeline components. With many years' experience in our team, we have provided our diverse and international client base including Refineries, On & Off Shore, Chemical and Process users with a consistently reliable and flexible supply chain which operates to ISO 9001:2015. We hold a wide range of pipeline components on stock which can be delivered to site or collected from our premises in Stallingborough. In addition, we operate an ad-hoc procurement service which often involves the purchasing of difficult to source and urgent shortfall materials. In the provision of all our services, our aim is to ensure complete customer satisfaction by delivering the correct materials and documentation to the right place at the right time.

V94.2 (SGT5-2000E)

Ekska can offer steel pipe to meet the requirements of industries including on and offshore, petrochemical, power stations and fabricators.
>> API 5L / ASTM A106 Grade B carbon steel
>> ASTM A333 Grd 6 low temperature
>> Stainless Steel, Duplex, CuNiFe and Chrome grades



Fittings

A stock of standard butt weld fittings is maintained, however requirements involving large diameter, thick wall or special material grades are very much part of our supply capability and history.
Standard Material Grades:
>> ASTM A234 Grd WPB
>> ASTM A105N
>> Low Temperature and other material grades on request

Flanges

A range of flanges to ASA / ANSI B16.5 specifications are stocked. Large diameter, flanges to API standard, transition units, all in varying materials are part of our supply capability.
>> ASA / ANSI B16.5, PN flanges to BSEN 1092-1 and British standard table flanges
>> ASTM A105N - Low Temperature and other materials on request
>> Slip on, Weld Neck, Socket Weld, Blind Flanges plus others on request

Valves

A range of valves in forged and cast carbon steel materials are available from stock, these conform to the relevant international standards and suit the day to day requirements of the petrochemical and general process market place.

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Our Services

Mechanical

Studbolts

Stud bolts in grades B7/2H and L7/7 are stocked both in self colour and HDG finish. PTFE, BZP are available upon request, as are other materials such as B8, B8M, B16 and more.
A range of Standard fastenings are available from stock which include Hexagon setscrews, Hexagon Bolts, Socket Cap Screws and Counter sunk Socket screws plus more. We also have a quality range of Nuts and washers to suit inclusive of standard hex nuts, Nylon insert nuts and Dome nuts. Available in self colour, Zinc Plated (BZP) and A2 Stainless Steel. Other product and finishes available on request.

Fittings

The company keeps a standard range of Gaskets, but supplies a broad range depending on flange styles, pressure class and mediums.
>> Spiral Wound ANSI B16.20 Lot Traceable if required
>> Oval/Oct Ring Joint ANSI B16.20 Lot Traceable if required
>> Compressed Non Asbestos Fibre (CNAF) Without Lot Traceability
>> Special and proprietary gaskets, Insulation gasket kits
>> Materials to suit application

Pipeline

In view of the diverse activities of our customer base we can obtain and stock a range of products which do not require lot traceability or material certification.
>> BS 1387 Tube
>> BSP Malleable Iron Fittings
>> BS 1740 Wrought Iron
>> Gauges
>> Fasteners
>> Pipe Brackets Jointing Materials

Nu-Bolt

Nu-Bolt assemblies have been in service for over 20 years without a single reported failure.
Designed by corrosion engineers, the Nu-Bolt assembly combines the half-round I-Rod support with a modified pipe U-Bolt. A variety of corrosion-resistant treatments provide reliable, long term service in the harsh operating environments associated with offshore oil and gas production and coastal process facilities.

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Our Services

Electrical

Cabling

We stock a full range of cable including:
>> PVC and LSF Twin and Earth
>> PVC and LSF Steel Wire Armored Cable
>> PVC and LSF Flexes
>> SY, CY and YY Cable
>> PVC and LSF Singles Cable
>> FP200 Fire Cable
>> Screened Cable

Containment

Our electrical containment and trunking products include:
>> Metal and PVC Trunking and Accessories
>> Lighting Trunking
>> Busbar Trunking
>> Dado Trunking
>> Mini Trunking
>> PVC Conduit and Accessories
>> Galvanized Conduit and Accessories

Data and CCTV

Our range of Data and CCTV products include:
>> CCTV Data •Internal Cameras
>> CAT5e and CAT6 Outlets
>> External Cameras
>> Patch Panels
>> High Speed Domes
>> Network Switches
>> Vandal Resistant Cameras

Security

>> Fire Safety Security Fire Alarm Panels Alarm Panels
>> Fire Safety Security Fire Alarm Panels Alarm Panels
>> Sirens Speech Diallers Break Glasses Wireless Alarm
>> Systems On-site Surveys System Commissioning

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Our Services

Electrical

HVAC

Our range of HVAC products include:
>> Domestic Fans
>> Industrial Fans
>> Air Conditioning
>> Ducting
>> Storage Heaters
>> Panel Heaters
>> Towel Rails

Lighting

Our Lighting range includes:
>> Office Lighting
>> Low Energy Lighting
>> Decorative Lighting
>> Garden Lighting
>> Floodlighting
>> Street Lighting

Solar PV

Having developed long-term partnerships with a host of market-leading electrical suppliers, we have also developed a strategic alliance with highly respected German Technology. Our combined buying power ensures that we source high-quality equipment at prices you can profit from. This also means you can buy solar products in the UK without large minimum order quantities and shipping costs, in fact, we even offer free onsite delivery within the North West as well as free technical support.

Wiring

Switches and Sockets Brass, Satin Chrome, Polished Chrome, and other decorative switches and sockets Consumer Units MCBs, RCBOs, RCDs Contactors, and Overloads Panel Boards Distribution Boards Isolators Switch Fuses.

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Our Services

Instrumentation

At EKSKA we have over 30 years plus experience in the process and instrumentation industry. Over this period EKSKA has gained valuable knowledge and skills working for and supporting some of the biggest names in the instrumentation and process industry. We pride ourselves on working alongside our clients offering advice and support ensuring that any instrument solution we offer will achieve the optimum performance for the process. We believe that it is imperative that we clearly understand the client's measurement needs, this helps us clearly define the solution that we are able to offer to give the client confidence that our offering will be suitable for the application. At EKSKA we have gained vital product and process knowledge working within industries such as Oil & Gas, Petrochemical, Food, Pharmaceutical, Power, Utilities, and Nuclear.

- Pressure
- Temprature
- Level
- Flow
- Analytical
- Wireless
- Test Equipment

Liquefied Petroleum Gas-LPG

Liquefied Petroleum Gas or liquid petroleum gas (LPG or LP gas), also referred to as simply propane or butane, are flammable mixtures of hydrocarbon gases used as fuel in heating appliances, cooking equipment, and vehicles.
The butane and propane gases obtained during the distillation of crude oil are the two main petroleum gases. After liquefying these gases, they are mixed at certain rates or offered for sale in pure form and become commercially important.
Liquefied Petroleum Gas is also produced when Natural Gas (Methane) is extracted from the gas fields and 'dried' before being piped to homes and industry. LPG has one unique and very special property, If mildly compressed it easily changes to a liquid state. This allows a large amount of gas (stored energy) to be contained in a relatively small space.
The reverse process is just as fortunate – If decompressed (allowed to escape the pressure vessel) the liquid gas will quickly revert to its gaseous state (vapourize).
In other words, store LPG in a pressurized tank and it will remain liquid, occupying only a small space. Release some of the liquid and it will immediately revert to its gaseous state, expanding as it does so.