True Blue International LLC trueblueairservices.com

True Blue 5605 Riggins Court, Suite 200, Reno Nevada 89502

October 29th, 2025

COMMERCIAL OFFER

Offered

One New 2016 Siemens SGT5-4000F Turbine Generator Package

The budgetary price for one (1) SGT5–4000F unit delivered during this period is €40,000,000 EURO.

Pricing is based on equipment Ex Works (EXW) SIEMENS Storage facility Germany.
Pricing and availability are "Subject to Prior Sale". There is demand currently with these units, so the above information reflects the status as of today.

Terms of Payment would be as follows:

$1,500,000 USD remitted to the Sellers Attorney ESCROW Account by Bank wire transfer prior to inspection.

Remaining balance minus deposit to be remitted to the Seller by telegraphic transfer with in 7 business days after successful inspection upon presentation of a commercial invoice and respective transport document as notification of readiness of dispatch.

Trans–shipments, partial shipments and shipment of IMDG goods (hazardous goods) on deck shall be allowed. All costs in connection with the ESCROW(s), including but not limited to opening and confirming charges shall be to the account of Seller.

Should there be any delay in receipt of payments, The Seller shall be entitled to adjust the delivery date accordingly and claim for the cost incurred due to this situation, such as but not limited to storage cost.

List of Equipment

Attached in Appendix I

Appendix I

New and unused Siemens Gas Turbine & Generator for sale

Heavy duty, single casing, axial flow design and dual fuel Gas Turbine.

Model: SGT5-4000F. **Quantity**: 1

Manufacturer: Siemens AG.

Year of manufacture: 2016.

Frequency: 50 Hz.

Fuel: Natural Gas (NG) and diesel oil (DO).

Guaranteed Performance (Buenos Aires)

Gross Power Output [MW]: 298,2 (NG) – 301 (DO).

Gross Heat Rate [kJ/kWh]: 8979,3 (NG) – 9538,5 (DO).

Generator: SGEN5-1200 A.

Includes: by-pass stack and diverter damper.

Location: Germany. Conservation, storage and supervision by Siemens AG.

Warranty: totally valid from Siemens.

Delivery: Immediately. Buyer is responsible for loading, freight and logistics from actual location to final destination.

Detailed Description

Gas Turbine (GT)

Each core GT mainly comprising:

- Ring combustor: 1
- Turbine: 1
- Compressor: 1
- Bearings: 1

Loose supplied GT parts, mainly comprising:

- Burners: 1 set per GT
- Intermediate shaft: 1 per GT
- GT instrumentation and actuation: 1 set per GT
- GT insulation: 1 set per GT
- Shaft turning gear: 1 per GT

GT Auxiliaries

Base module, comprising the auxiliary packages for (1 per GT):

- Fuel gas and ignition gas within separate compartment.
- Lube oil with plate type heat exchanger 2x100%.
- Hydraulic oil supply for valves and actuators.
- Hydraulic clearance optimization.

Natural gas Flow metering for performance test (loose supply only): 1 per plant

Natural gas draining system: 1 per GT

Dual fuel module, comprising the auxiliary packages for (1 per GT):

- Fuel oil (with 2x100% fuel oil pumps)
- Purge water
- NOx (with 2x100% NOx water pumps)

Sealing Air Supply system: 1 per GT

Advanced compressor cleaning system, including piping connection to cleaning water nozzle system: 1 per plant (common for both GTs)

Detailed Description

GT Control System:

Control system type: SPPA-T3000

Turbine controller (1 per GT):
- Redundant automation processor for closed-loop control functions.
- I/O modules, as per I/O.

Turbine failsafe protection and trip system (1 per GT):
- Failsafe system for protection and trip functions.

Turbine function group automatic and operational protection system (1 per GT):
- Redundant automation processor for open-loop control functions, sequence control functions and operational protection functions.
- I/O modules, as per I/O.

I&C Cables (1 set):
- Turbine related special instrument cables at turbine and on skids (from sensor to junction box).
- Turbine related special control cables (flame monitoring cables).

Application Server (1):
- Redundant server for operating, monitoring, engineering function.

Turbine operating / Monitoring / Engineering System (1 per GT):
- Operator terminal with 2x24" LCD monitor, keyboard and mouse.
- Printer, DIN A4 color laser.

Turbine Network Bus System (1 set)
- SPPA-T3000 bus system with necessary network components.
- Fiber optic bus cable to plant central control room, maximum length 300 m.

Signal Interface with Plant Distributed Control System (1 set):
- Terminal points for hardwired signal exchange.
- Maximum number of signals per turbine package: 30.
- Terminal point for bus signal exchange (with OPC).
- Maximum number of signals per turbine package: 500.

WIN_TS Diagnostic System:
- WIN_TS analysis system hardware + peripherals.
- Software module for GT special condition monitoring.
- Vibration analysis.

Detailed Description

GT Systems

Air intake system (1 per GT):

- Filter system with pulse filter stage
- Inlet air filter house including weather Hood, bird screen weather Louvre, internal support structure, instrumentation, lighting, power sockets, access ladders, platforms and doors.
- Interconnecting duck work with expansion joint, manhole, damper and silencer.
- Ant-icing system.
- Electrical hoist for maintenance (250 kg).
- Dehumidifier for GT standstill.
- Nozzle system for compressor cleaning inside air inlet plenum.

Exhaust gas system (1 per GT):

- Exhaust gas diffuser
- Compensator between GT and exhaust gas diffuser

GT Electrical Equipment:

Power control center (UBA01/UBA02): 2 per GT

AC Power Supply System (2 per GT):

- Low voltage switchgear, AC MCC (BFE / BME).

DC Power Supply System:

- DC Voltage distribution (BUB/BUC): 2 per GT.
- Battery (BTA): 1 per GT.
- Battery charger (BTL): 2 per GT.
- DC/DC converter (BUK): 2 per GT.

Detailed Description

Gas Detection and Fire Protection Systems

Gas detection system (1 per GT):

- Gas detectors, horns and beacons, control unit

Covering following areas:
GT enclosure, Fuel gas skid.

Fire Detection System for GT Unit (1 per GT):

- Fire detection and control system with local panel.

Covering following areas:
GT enclosure and Fuel gas skid annex.
Base module, Power control center, Dual fuel module, Generator bearings.

Fire Extinguishing System (1 per GT):

- Battery of high pressure bottles for CO2 and direction valve station.
- Piping system from bottle rack/storage system to spray nozzles inside the enclosure incl. supports.

Covering following areas:
GT Enclosure, Fuel gas skid Enclosure, PCCs.

Noise Protection Measures:

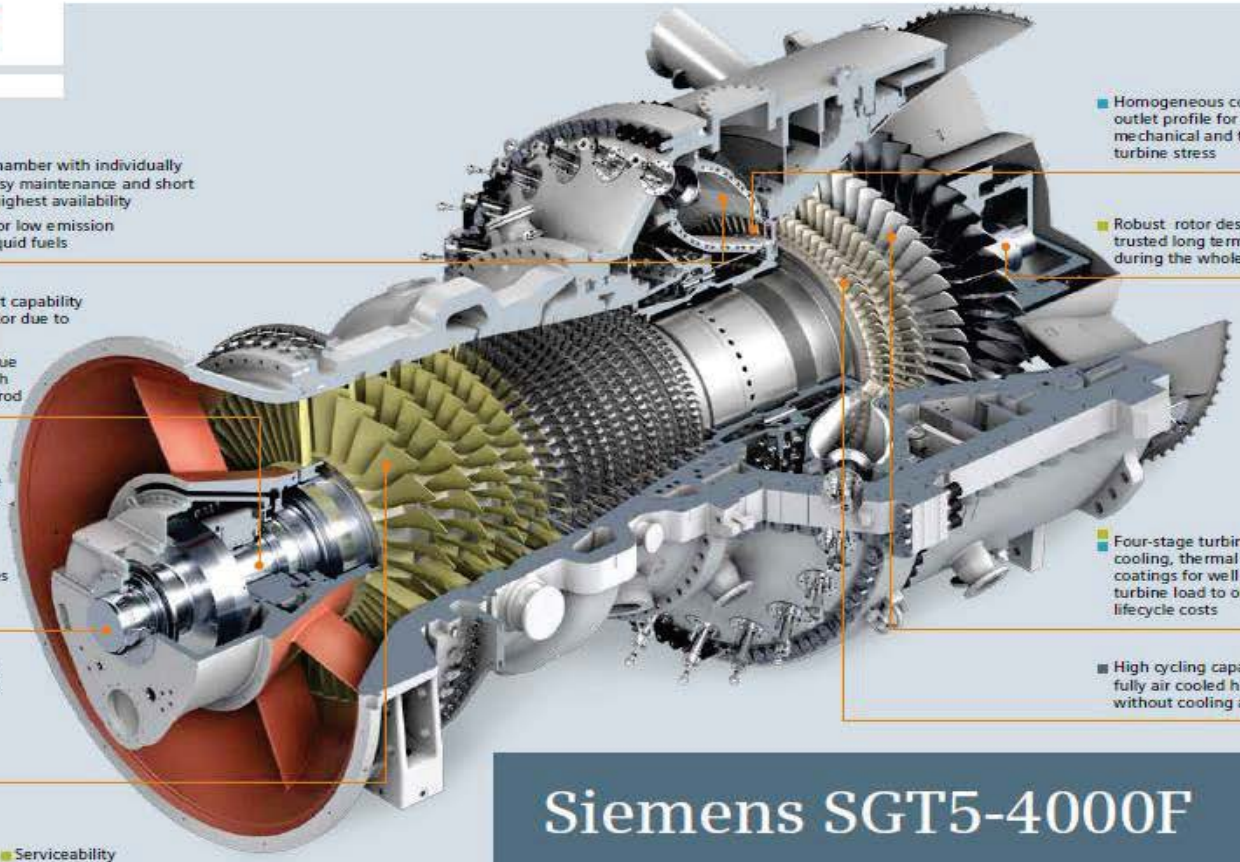
Noise Enclosure for GT: 1 per GT

- Structural steel, with corrosion protection.
- Noise abatement panels, galvanized.
- Internal service platforms and ladders, galvanized.
- Doors with safety windows.
- Internal lighting, including emergency lighting.

Ventilation System for GT Enclosure: 1 per GT

- Air intake openings with protective grills, dampers and silencer.
- Air handling unit, equipped with draft dampers, fans including mechanical redundancy, and silencers.

SIEMENS



- Annular walk-in combustion chamber with individually replaceable heat shields for easy maintenance and short outage duration, resulting in highest availability
- Dry Low NO_x hybrid burners, for low emission operation with gaseous and liquid fuels
- World class fast cold & hot start capability by fast thermal response of rotor due to internal cooling air passages
- Easy rotor destacking on site due to individual disc assembly with Hirth serration and central tie rod
- Improved turbine performance by active control of clearances via HCO (Hydraulic Clearance Optimization)
- Minimized degradation by preservation of tight clearances with active control (HCO) at start up and shut down
- Proven 15 stages compressor: Fast cycling capability through fast acting inlet guide vane
- All rotating compressor blades replaceable without rotor de-stack or lift

- Homogeneous combustor outlet profile for minimized mechanical and thermal turbine stress
- Robust rotor design for trusted long term operation during the whole life time
- Four-stage turbine with film cooling, thermal barrier coatings for well balanced turbine load to optimize lifecycle costs
- High cycling capability due to fully air cooled hot gas path without cooling air coolers

Performance Flexibility Serviceability

Siemens SGT5-4000F

Trusted technology, achieved with permanent development

Fact Finding Report

Subject / Title:

Special Inspection

CT-2024-1425
Reference

Berlin **2024-09-02**
Place Date

Project: **POLO ENERGETICO ZARATE 23**

Shop Order No: **MB000169**

Event ID: **NA**

Period of Time: **2024-09-02 to 2024-09-05**

Mehdi Taghrar
Author(s)

Hakan Tuganli **Frank Schade**
Content Approved Released

Protection Class: **Restricted** AL: **N** ECCN: **N** Total Pages of Report: **19**

Brief Summary:

The gas turbine MB000169 has been preserved and kept in storage at Hamburg Harbour since 2016. Before its delivery, the conservation procedures were refreshed to guarantee optimal preservation. As part of this process, a boroscope inspection was performed on September 3rd, 2024, to evaluate and document the unit's condition. The inspection concluded that the turbine remains in good condition.

Distribution:

Grigorios Gerakis

Victor Matias Ernst

Jorge Pablo Roig

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1. Summary / Introduction

The gas turbine MB000169 has been preserved and kept in storage at Hamburg Harbour since 2016. Before its delivery, the conservation procedures were refreshed to guarantee optimal preservation.

As part of this process, a boroscope inspection was performed on September 3rd, 2024, to evaluate and document the unit's condition. The inspection concluded that the turbine remains in good condition.

Findings:

1. The turbine exit casing (TEC) exhibited signs of surface corrosion in several areas.

2. Two of the half joint bolts showed signs of paint loss and corrosion.

3. The outer surface of the compressor vane carriers showed signs of corrosion. The pictures were taken from the access points to compressor stages #5, #9, and #13.

4. The outer ring of VLe5 and the inner ring of VLe13 show signs of corrosion.
5. The lower outer manhole cover and the lower inner manhole connecting elements were found with signs of corrosion.
6. The burner supports were observed to have corrosion spots on their surfaces, particularly at the contact points with the casing and on the connecting elements.
7. The gas passages of three premix burners (burners #10, #12, and #14) were examined, leading to the following observations:

- The burners displayed brownish/reddish deposits in the vane holes.
- Slight corrosion was noted in the ring channel.
- Very small droplets of water were found in the inner channel of the burner #10.

8. The seal strip 1 between TVC and casing 3 was found with signs of corrosion.

Recommendation:

1.-8. The findings can be left as found.

2. Personnel

2.1. Siemens Energy Personnel

Name	Job Description	Shift	Date In	Date Out
Mehdi Taghrar	CT Fact Finder	Day Shift	2024-09-03	2024-09-06

3. Unit Information

3.1. Unit Data

Turbine S.O. No	MB000169	**Generator S.O. No**	EG000228
Turbine Frame	SGT5-4000F(8)	**Generator Frame**	SGEN5-1200A 118/55
Rated Speed		**Unit Configuration**	
Fuel(s)	Dual Fuel	**I&C-System**	
Turboset was shut down at		**Turboset was shut down on**	

4. Findings / Recommendations

Insp. Item 1 - Outer overall condition

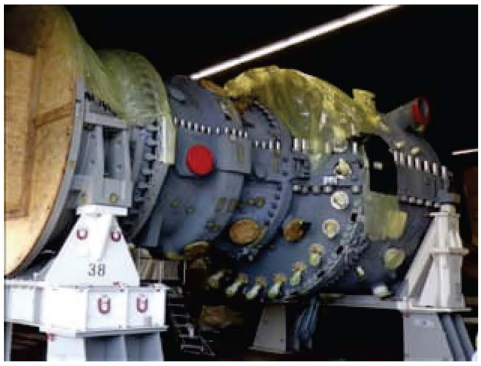
Insp. Item 1.1 - Compressor section

Design group inspection according to Siemens Energy OEM guidelines indicates no findings.

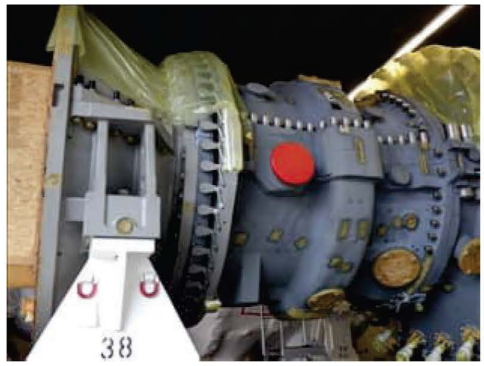
Finding

The Compressor casing Surface, the IGV and the IGV support roller were found in good condition, no sign of corrosion.

Photo Attachments



RHS overview



RHS Compressor

RHS compressor (1)

LHS compressor side

RHS turbine side

RHS turbine side

LHS turbine side

RHS Burner part

IGV support roller

IGV support roller (1)

IGV ring

IGV levers

Insp. Item 1.2 - Turbine section

Design group inspection according to Siemens Energy OEM guidelines indicates following findings:

Finding

1. The turbine exit casing (TEC) exhibited signs of surface corrosion in several areas.

2. Two of the half joint bolts showed signs of paint loss and corrosion.

Recommendations

The findings can be left as found.

Photo Attachments

The turbine exit casing (TEC)

The turbine exit casing (TEC) (1)

The half joint bolt

The half joint bolt (1)

The half joint bolt (2)

Insp. Item 2 - Inner inspection

Insp. Item 2.1 - Accessbilities

Design group inspection according to Siemens Energy OEM guidelines indicates following findings:

Finding

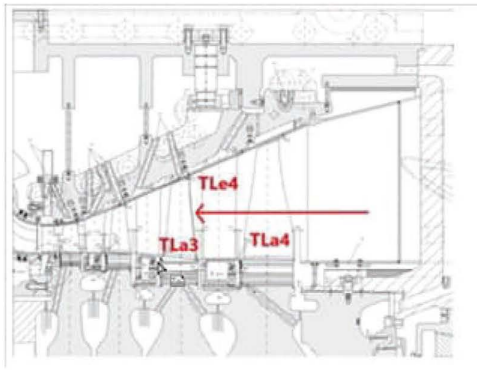
The compressor inspection was carried out through the openings at the compressor extraction points, as depicted in the images labeled "Accessibilities." These openings allowed for the examination of compressor stages #5, #9, and #13.

To inspect the gas passage of the premix burner, we accessed the gas pipe connection, as shown in the image titled "Premix Burner Gas Passage." A boroscope was used to inspect three premix burners: #10, #12, and #14.

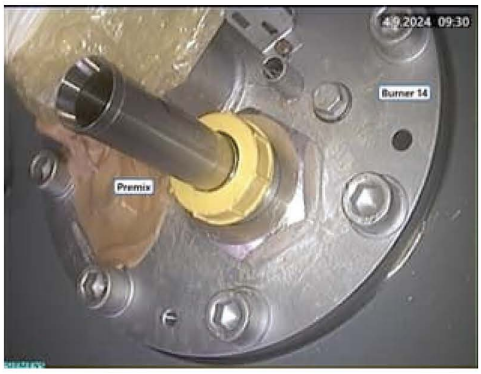
Additionally, the turbine inspection was performed through the turbine exit casing, illustrated in the image labeled "Turbine Accessibilities."

Photo Attachments

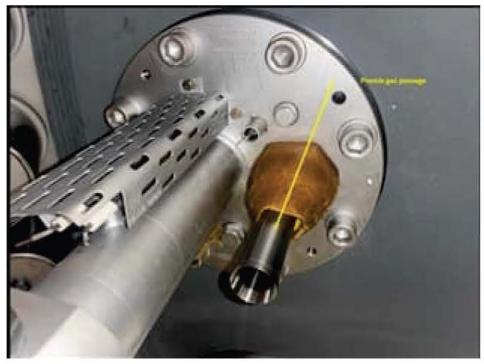
Accessibilities



Turbine accessibilities



Burner #14 overview



Premix gas passage burner #12

Insp. Item 2.2 - Compressor

Design group inspection according to Siemens Energy OEM guidelines indicates following findings:

Insp. Item 2.2.1 - Compressor vane carriers

Finding

The outer surface of the compressor vane carriers showed signs of corrosion. The pictures were taken from the access points to compressor stages #5, #9, and #13.

Recommendations

The finding can be left as found.

Photo Attachments

2409040054

2409040056

IMG_4927

IMG_4935

IMG_4959

IMG_4966

Insp. Item 2.2.2 - IGV and compressor inlet

Finding

The compressor inlet area and the IGV region were assessed to be in good condition, with no indications of corrosion observed.

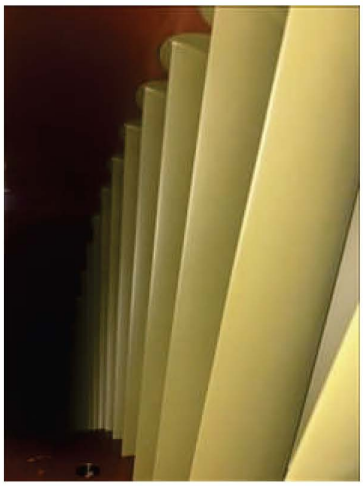
Recommendations

The findings can be left as they are, with ongoing monitoring to be conducted during future inspection.

Photo Attachments

IMG_4812

IMG_4814



IMG_4816

IMG_4829

IMG_4835

IMG_4845

Insp. Item 2.2.3 - Compressor vanes

Finding

The compressor inlet area and the IGV region were assessed to be in good condition, with no indications of corrosion observed.

Recommendations

The findings can be left as they are, with ongoing monitoring to be conducted during future inspection.

Photo Attachments

Compressor stage #9 (1)

Compressor stage #9 (2)

Compressor stage #9 (3)

Compressor stage #5

Compressor stage #5 (1)

Compressor stage #5 (2)

Compressor stage #5 (3)

Compressor stage #13.

Insp. Item 2.3 - Combustion system

Design group inspection according to Siemens Energy OEM guidelines indicates following findings:

Insp. Item 2.3.1 - The lower inner and outer manhole

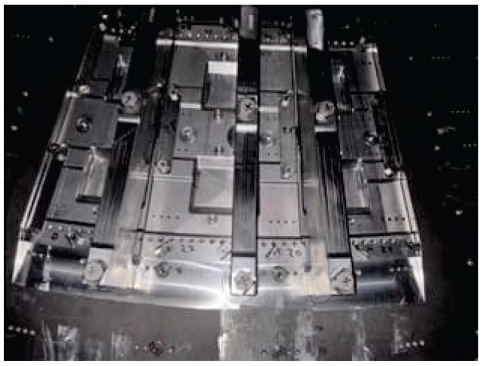
Finding

The lower outer manhole cover and the lower inner manhole connecting elements were found with a sign of corrosion.

Recommendations

The finding can be left as found.

Photo Attachments

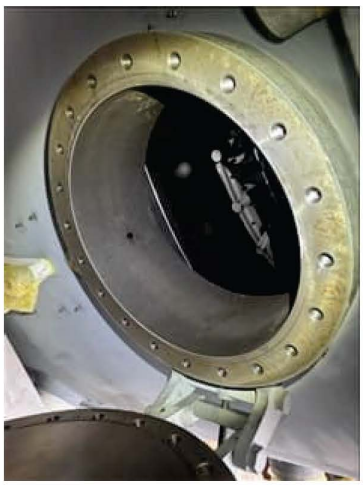


The lower inner manhole

The lower inner manhole (1)

The lower outer manhole

The lower outer manhole (1)



The lower outer manhole (2)

The lower outer manhole (3)

Insp. Item 2.3.2 - Burner supports

Finding

The burner supports were observed to have corrosion spots on their surfaces, particularly at the contact points with the casing and on the connecting elements.

Recommendations

The finding can be left as found.

Photo Attachments

Burner overview

Burner support

Burner support (1)

Burner support (2)

Burner support (3)

Insp. Item 2.3.3 - Premix burners gas passage and inner channel

Finding

The gas passages of three premix burners (positions #10, #12 and #14) were examined, leading to the following observations:

1. The burners displayed brownish/reddish deposits in the vane holes.

2. Slight corrosion was noted in the ring channel.

3. Very small droplets of water were found in inner chanel of the burner #10.

Recommendations

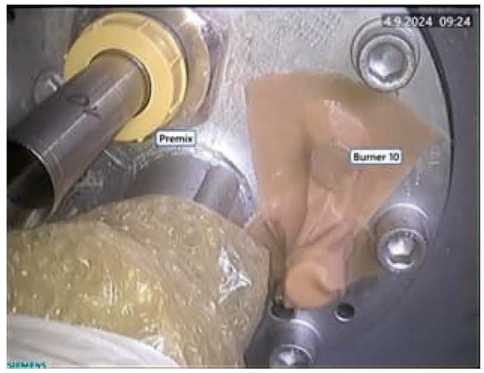
The finding can be left as found.

Photo Attachments

Burner #12 Premix gas passage

Burner #12 inner Chanel

Burner #12 inner Chanel (1)



Burner #10

Burner #10 Premix gas passage

Burner #10 inner Chanel

Burner #10 inner Chanel (1)

Burner #10 inner chanel with droplets of water

Burner #14 Premix gas passage

Burner #14 inner Chanel

Burner #14 inner Chanel (1)

Burner #14 inner Chanel (2)

Insp. Item 2.4 - Turbine side

Design group inspection according to Siemens Energy OEM guidelines indicates no findings.

Insp. Item 2.4.1 - Turbine blading

Photo Attachments

Tla4 overview

TLa 4

TLa4 (1)

TLa4 (2)

2409040209

2409040214

2409040218

2409040219