

ReflowX

Kawasaki L30A Gas Turbine | 34 MW | Complete Unit

Kawasaki L30A Gas Turbine

Description

Manufacturer	Kawasaki Heavy Industries (KHI)
Model (gas turbine)	L30A
Year	2020
Location	Japan
Qty available	1
Fuel Work Hours	19,596 hours (Natural Gas)
Liquid Fuel Work Hours	439 hours
Total Starts	67
Gearbox	FLENDER-GRAFFENSTADEN, Type TX90/4C
Generator	Manufacturer: Meiden, Type: Synchronous, Rated Power: 37,945 kVA
Rated Output	34,150 kW (Approx. 34 MW)
NOx Emissions	15 ppm (15% = O2)
Operating Range of DLE	70-100%
Fuel system	Natural Gas
Frequency	60HZ

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Technical Details

Alternator

- Manufacturer: Meiden
- Manufacturing Year: 2020
- Type: Synchronous
- Rated Power: 37,945 kVA
- Rated Voltage: 11,000 V
- Rated Current: 1,992 A
- RPM: 1,800
- Phase: 3
- Power Factor: 0.90
- Weight: 83 tons

Steam Absorption Chiller

- Manufacturer: FCO Kawasaki (Japan)
- Manufacturing Year: August 2020
- Cooling Capacity: 2,462 kW
- Cold Water Flow Rate: 423.4 m³/h
- Cooling Water Flow Rate: 700 m³/h
- Steam Consumption: 2,695 kg/h
- Steam Inlet Pressure: 0.785 MPa (Gauge)
- Power: 440V, 60Hz

Power Turbine

- High-temperature Section: Horizontally split casing, multi-can combustor to reduce maintenance time during overhauls.
- Inspection Ports: Strategically located for easy access and inspection of all flow path surfaces.
- Modular Design: Enables rapid and efficient replacement during overhauls.
- Cooling Water Requirements: 160 m³/h
- Lubricant Flow: 110 L/min

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Contact Information

 Dubai, United Arab Emirates

 info@reflowx.com

 +971 503846311

 www.reflowx.com