



DEALERS & IMPORTERS OF POWER PLANTS & ALLIED MACHINERY

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Technical Details & Photographs of 1x 55 MW, PG6561B Gas Fired Combined Cycle Power Plant

1 X 55 MW, PG6561B gas turbine combined cycle power equipment info.

The general information of Frame 6561B gas turbine combine cycle power plant equipment of Cogeneration Power Plant is as follows :

Gas Turbine power unit :

- (1) GT Model: PG6561B
- (2) Capacity: 36MW
- (3) GT Manufacturer: European Gas Turbine-EGT
- (4) GT Control system: Mark V
- (5) Manufacturer of load gearbox: France Flender-Graffenstaden
- (6) Manufacturer of generator: France Alstom

HRSG :

Manufacturer: HangZhou Boiler Co. (China)

Model: Q393/542-66-3.82/450

Style: horizontal arrangement, single pressure, self-deoxygen, self-circling.

Steam Turbine/Generator Unit :

Manufacturer of steam turbine: Harbin Steam Turbine Ltd., Co. (China)

Steam turbine model: N15-3.6/445

Generator Manufacturer: NanJing Steam Turbine Group Co. (China)

Model: QFW-15-2-10.5

Capacity: 14MW

DCS system :

(1)Model: Freelance 2000

(2)Manufacturer: ABB

Other Info.

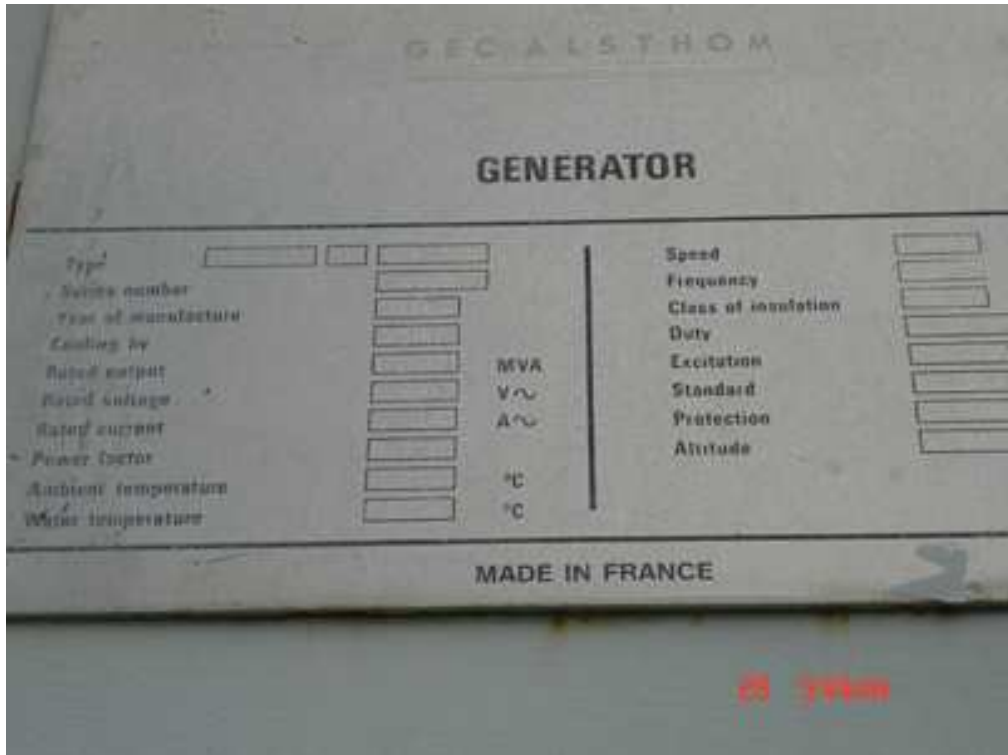
- (1) The power plant project started to build in 1998.
- (2) Simple cycle COD: Sep., 1999
- (3) Combine cycle COD: Apr.,2003
- (4) Gas turbine operation hours so far: 8031.4 hours for burning light diesel fuel, firing times: 748.
- (5) Steam turbine operation hours: 5720.7 hours, operation times: 426.
- (6) Under ISO working conditions: the gas turbine output is 36MW, steam turbine output 14MW while burning light diesel fuel.

Pictures attached here:



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UNIT 11

TIMERS and COUNTERS

28-SEP-2008 09:29:34

MANUALLY INITIATED STARTS COUNTER	891	STARTS
TOTAL STARTS COUNTER	1119	STARTS
FAST LOAD STARTS COUNTER	0	STARTS
FIRED STARTS COUNTER	639	STARTS
EMERGENCY TRIPS COUNTER	43	STARTS
TOTAL FIRED HOURS	5388.0	HOURS
LIQUID FIRED HOURS	5388.0	HOURS
TOTALIZED LIQUID FUEL FLOW	58194520	LITERS

28 9:35AM





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NITIN CORPORATION