**Air Cooled Generator 336X482**

Serial# 6108-27022

2 Poles

3 Phase

WYE Connection

60 Hertz

40500 KVA

Armature Amps 1694

Armature Volts 13800

Field Amps 685

Excitation Volts 125

Power factor 0.80

RPM 3600

Guaranteed not to exceed

110o C on Armature Detection

125o C on Field by resistance

Maximum cold air temperature 37o

Inlet water 34o C

**GE Gas Turbine 296624**

Base: 32350 KW Peak: N/A Fuel: Natural Gas Turbine exhaust base: 1035o F Peak: N/A CPRSR Stages: 17 RPM: 5094 CPRSR Turbine Stages: 3 Power Turbine Stages: N/A RPM: N/A

**Air Filter Housing:** Model # Serial # Exterior of housing is painted but could not see interior. Filters are in place.

**GTG 51 Controls :** All Controls are inside the B-550 building. Honeywell used to monitor GT only GTG Controls are GE Mark V controls -some cards are missing and are being used for spare parts. GE Control room PC for interface with logic and machine controls is in the Control room. GE Control Room books are in the control room as well as another set in the B-191 building library.

**GTG-51 Spare Parts**

**Auxillaries:**

**Lube Oil Skid:** GE Drawing # 106L1098 G004-P REV. - P.O. # A88G382226 V.C. 64634 VEN. Serial: FR6-6 Fulflo Filter Model#F12-120LE-4BW Serial# 9403-0081-22418 Max. Design Operating Pressure: 126 psi @ 250 F GE P/N: 351A95110001 GE Dwg: 351A95110001 VC: 51724

**Starting Motor:** Model#: 5K509JN12314 HP : 600 RPM : 5575

**Starting Motor Gearbox :** Serial # 147833 6213 – 61726

**Exciter:** Serial# : 194408073 Assembly # : 124D645G01 Purchase Dwg : 313A8017P3 Gap Bore Dia. : 17.868 Stator Res. : 4.174 at 25 C

**Exciter to Gen Gearbox:** GE Model: 664-A Size Type: 224 HOL-A Serial # : 147868 Order # : 453376 HP Rating : 68391 Input RPM: 5100 Output RPM: 3600 GE dwg# 35149529 HP : 750 Serv. Fact: AGMA Input RPM: 5100 Man: Philadelphia 6108-27022 Manufacturer: GE Frame: 509DZ