



GAS TURBINE ANCILLARY EQUIPMENT



Mueller Environmental Designs, Inc.



**Air Filtration
Evaporative Cooling
Noise Control
Mist Elimination
Turnkey Projects**





GE Frame 3 barrier type static



GE Frame 5 barrier type static air filter



GE Frame 3 self-clean air filter



GE Frame 3 exhaust collector and exhaust stack

- ◆ Evaporative coolers
- ◆ Implosion Doors
- ◆ Structural steel, Platforms, and Ladders
- ◆ Anti-Icing Systems
- ◆ Instrumentation
- ◆ Inlet Vibration Isolation Joints
- ◆ Intake Air Filters - Self-Cleaning & Static



Solar Centaur exhaust silencer



Solar Centaur retrofit evaporative cooler



Solar Mars inlet air filter and high performance exhaust silencer



Solar Centaur retrofit oxidation catalyst

- ◆ Duct Work and Ancillary Fabrication
- ◆ Enclosures
- ◆ Exhaust Silencers
- ◆ Exhaust Duct and Ancillary Fabrication
- ◆ Exhaust Expansion Joint
- ◆ Starting Gas Silencers
- ◆ Starting Gas Separators
- ◆ Sump Vent Coalescers
- ◆ Gas Blowdown Silencers
- ◆ Gas Blowdown Separators



Retrofit of Donaldson self-clean air filter with 90% efficient evaporative cooler



Typical chemical injection system for evaporative cooler system



Typical recirculating pump package for evaporative cooler system



Gas turbine enclosure and enclosure exhaust cooling silencers, inlet air filters, exhaust silencer



Rolls Royce Avon gas turbine compressor set inlet air filter, clean air plenum, and inlet air silencer



GE LM 2500 off shore gas turbine compressor set inlet air filter manufactured from 316



Before

*Project: Install Regenerator Silencer
on GE Frame 5 Gas Turbine*

After



Gas Turbine Lube Oil Vent Coalescer



Regenerator Silencer

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