INSPECTION AND OVERHAUL OF A STEAM TURBO GENERATOR

McGuffy Turbine Services's Project T80229, took 1 supervisor and 6 men 19 consecutive days, working 7 days per week, on 12 hour shift days. The crew disassembled, inspected, overhauled, tested and reassembled all parts of the equipment.

- Steam Admission Control Valve
- Steam Extraction Control Valves
- Governing, Control and Overspeed Protection
- Hydraulic and Lube Oil System
- Turbine Casing and Components
- Turning Gear
- Gland Seal System
- Oil Trip Steam Trottle Valve
- Non-Return Valve (air operated)
- Exhaust Casing Pressure Relief Diaphragm
- Extraction Steam Relief Valve
- Exciter

- Generator
- Generator Air Coolers
- Exciter Air Cooler
- Alignment Checks
- Condenser Air Ejectors,
- Gland Exhauster Pump
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Then when they went through everything they stayed for the startup to record the values of vibration, performance, pressures, temperatures, flow rates and checked for leaks.

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