

Has about 14 years hands-on experience working in maintenance at Nubaria Power Plant.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 10/03/1986
Gender : Male
Marital Status : Married
Residence : El-Behira

EDUCATION

: Mechanical Industrial School (3 years)

LANGUAGES

Arabic : Native Language
English : Good

TRAINING COURSES AND CERTIFICATIONS

: Gas Turbine Maintenance training, Siemens, Nubaria (Oct. 2016).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jan. 2008 till now
Employer : Middle Delta Electricity Production Company (MDEPC)
Project : Nubaria Combined Cycle Power Plant (2250MW)
Consists of 4 gas turbines SIEMENS V94.3A2, 2 Mitsubishi TC2S, 2 GE gas turbines GE MS9001FA and 1 ALSTOM steam turbine.
Job title : Mechanical Maintenance Technician
Job Description :

- Assist in (2) CI inspections for GE gas turbine frame FA9001 (250MW), I worked with supervisor GE Company of that inspection in:
 - Changing cap assembly, combustion linear, transition piece.
 - Removing flow sleeve, crossfire tubes, fuel nozzle casing.
 - Make clearance checkup for VIGV by taking backlash, inner bearing clearance & gap between VIGV and bearing casing (body).
- Assist in minor inspection for 4 units Siemens gas turbine V94.3A (250MW), I worked with Siemens group of that inspection in:
 - Chemical cleaning for burners.
 - Changing of ceramic tiles of combustion chamber.
 - Visual inspection of turbine & compressor blades.
- Assist in hot gas path inspection for 4 units Siemens gas turbine V94.3A

- (250MW), I worked with Siemens group of that inspection in:
- Removing the outer casing in the turbine section.
 - Lifting off upper sections of the turbine stationary blades carrier.
 - Rolling out the lower section of the turbine stationary blades carrier.
 - Removing blades / vans for refurbishment / replacement.
 - Chemical cleaning for burners.
 - Changing of ceramic tiles of combustion chamber.
 - Check clearance for 1st stage compressor & 4th stage turbine blades.
 - Removing and inspection fuel oil and fuel gas stop and control valves and make passing test for all valves.
- Assist in major inspection for 4 units Siemens gas turbine V94.3A (250MW), I worked with Siemens group of that inspection in:
 - Chemical cleaning for burners.
 - Changing of ceramic tiles & damage ceramic heat shield of combustion chamber.
 - Visual inspection of compressor blades.
 - Check the axial & radial clearance for blades.
 - Removing the outer casing in the turbine section (Casing3).
 - Removing the casing of combustion chamber (Casing2).
 - Removing the compressor casings (casing 1, 2 comp).
 - Lifting off upper sections of the turbine stationary blades carrier.
 - Lifting off lower section of the turbine stationary blades carrier.
 - Removing old blades/vans for refurbishment / replacement for all turbine & compressor.
 - Lifting the rotor from horizontal position to vertical one.
 - Des-tacking the rotor.
 - Make NDT for all critical places (as slots of the blades of the compressor & turbine disks).
 - Make alignment between the gas turbine & and generator shaft.
 - Make oil flushing.
 - Removing and inspection fuel oil and fuel gas stop and control valves and make passing test for all valves.
 - Removing fuel oil pumps and makes inspection of internal parts and reassembly again and makes alignment for the pump.
 - Removing hydraulic oil pump and make inspection of internal parts and reassembly again.
 - Assist in minor inspection for Mitsubishi steam turbine (250MW), I worked with supervisor Mitsubishi Company of that inspection in:
 - Make oil flushing as:
 - ❖ Cleaning of oil storage tank.
 - ❖ Oil transfer to oil storage tank.
 - ❖ Cleaning of main oil tank.
 - ❖ Oil transfer to main oil tank.
 - Cleaning and inspection of oil purifier.
 - Cleaning and inspection of oil cooler.
 - Inspection and cleaning of water chamber for condenser.
 - Inspection and cleaning of hot well for condenser alignment check for pumps (vacuum pump, oil pump etc.).
 - Assist in Major inspection for Mitsubishi steam turbine (250MW), I worked with supervisor Mitsubishi Company of that inspection in:
 - Removing upper casing for HP - IP turbines.
 - Removing upper casing for Lp turbine.

- Removing the stationary blades diaphragms.
- Removing all bearing and make NDT.
- Lifting off the rotor.
- Inspection for internal prates.
- Check the axial & radial clearance for blades.
- Make alignment for HP-IP & LP and generator shaft.
- Removing the control valves & stop valves and check for internal parts.
- Make oil flushing.
- Cleaning of oil storage tank.
- Oil transfer to oil storage tank.
- Cleaning of main oil tank.
- Oil transfer to main oil tank.
- Cleaning and inspection of oil purifier.
- Cleaning and inspection of oil cooler.
- Inspection and cleaning of water chamber for condenser.