

Holds a Mechanical Diploma and has about 20 years hands-on experience working in maintenance at several Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 29/01/1975
Gender : Male
Marital Status : Married
Residence : Damanhour

EDUCATION

: Mechanical Industrial, three years

LANGUAGES

Arabic : Native Language
English : Fluent

TRAINING COURSES AND CERTIFICATIONS

- : Courses at Nubaria Power Station:
- Course about the gas turbine (SIEMENS).
 - Course about the boilers (ALSTOM).
 - Course about the type, operation and maintenance of valves by Egyptian Electricity Holding Company.
 - Course about the type, operation and maintenance of compressors.
 - Course about the safety and firefighting by Nubaria Power Station.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Nov. 2006 till now
Project : NUBARIA Combined Cycle Power Plant 2250MW
(consists of 4 gas turbines SIEMENS V94.3A2, two Mitsubishi TC2S, 2 GE GAS turbine GE MS9001FA and one ALSTOM steam turbine)
Job title : Maintenance Supervisor
Job Description :

- Make CI to 4 units GE MS9001FA.
- Make hot gas path inspection to 2 units GE MS9001FA gas turbine.
- Make major inspection to 1 unit GE MS9001FA gas turbine after surge incident.
- Make minor inspection to 2 units SIEMENS gas turbine.
- Make hot gas inspection to 2 units SIEMENS gas turbine.

- Replacing of the combustion chamber tiles (ceramic and metallic).
- Make major inspection to Mitsubishi TC2S steam turbine.
- Make major inspection to ALSTOM steam turbine.
- Removing and reinstalling the burners, swirls & inserts.
- Replacing of thermo couples of burners.
- Replacing the igniters of the burners.
- Maintenance of blow off valves.
- Maintenance of Bog compressors.
- Maintenance of trash racks.
- Maintenance of traveling screens.
- Doing the maintenance schedules (daily - weekly - monthly - ...etc.).
- Maintenance of the Atlas Copco compressors of the air intake.
- Also we did together the cold commissioning of the fuel oil for four units of Nubaria Power Station.
- Also we did together the hot commissioning of the fuel oil for four units of Nubaria Power Station.
- Good knowledge about the spare parts of GE MS9001FA gas turbines.
- Good knowledge about the special tools of the GE MS9001FA gas turbines.
- HRSG (heat recovery steam generation):
 - Maintenance of 4x250MW HRSG Boiler, ALSTOM & STF.
 - Maintenance of Emergency diesel generator (output 1.5MW) consists of 12 cylinders.
 - Inspection and repair for all manual steam valves types (gate, globe, knife, butterfly, ball and check valves) with different size.
 - Make maintenance of steam sample system.
 - Inspection and fix hp and lp (feed multi stages) water pumps.
 - Make maintenance Safety valves, Bypass valves.
 - HRSG water treatment (ammonia, phosphate, hydrazine dosing pumps).
- Water Treatment, Distillation and R.O. (Reveres Osmoses Plant) systems:
 - Mechanical Maintenance about the following equipment: Pumps, valves, blowers, filters, piping, etc.

Dates : From Feb. 2002 till Oct. 2006

Project : Damanhour Power Plant

Job title : Maintenance Technician

Job Description :

- Make CI to 4 units HITACHI gas turbine.
- Make hot gas inspection to 4 units HITACHI gas turbine.
- Make major inspection to 4 units HITACHI gas turbine.
- Make major inspection to GE steam turbine.
- Doing the maintenance schedules (daily - weekly - monthly - ...etc.).
- Maintenance of the Atlas Copco compressors of the air intake.
- Follow the works in pump house.
- Follow the works in hydrogen unit.
- Follow the Works in thermal boilers.
- Doing the maintenance schedules (daily - weekly - monthly - ...etc.).

Dates : From Jan. 2000 till Jan. 2002
Project : Kafr El-Dawar Power Station
Job title : Maintenance Technician
Job Description :

- Follow the works in steam turbine (SCODA).
- Follow the works in pump house.
- Follow the works in hydrogen unit.
- Follow the works in compressors.
- Follow the Works in thermal boilers.
- Doing the maintenance schedules (daily - weekly - monthly - ...etc.).
- Make major inspection to SCODA steam turbine.