100069-MEC-MOS-E-1992
Mechanical Engineer

Holds a B. Sc. in Mechanical Engineering and has more than 16 years hands-on experience in operation, commissioning, start-up and maintenance of Combined Cycle Power Plants.

PERSONAL DATA

Nationality	:	Egyptian
Birth Date	:	01/11/1967
Gender	:	Male
Marital Status	:	Married
Residence	:	Kafr El-Sheikh

EDUCATION

: B. Sc. in Mechanical Engineering, Alexandria University, 1992

LANGUAGES

Arabic	:	Native Language
English	:	Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

: Basic Operation Training on Siemens CTG V94.3A in Damanhour.
: Operation Training on Siemens CTG V94.3A in Luebbenau – Germany.
: I&C Operator course by Siemens Co. in Erlangen – Germany.
: Maintenance training on heat recovery steam generator (HRSG) by Alstom Co. in Surabaya – Indonesia.

CHRONOLOGICAL EXPERIENCE RECORD

Dates	:	From Feb. 2010 till now
Employer	:	EGYPTROL, Commissioning & Operation Subcontractor for BoP Electrical and Mechanical Contractors TOSHIBA/TOYOTA
Project	:	El-Atf Combined Cycle Power Plant 750MW
Job title	:	Senior Shift Engineer for Mechanical Contractor (CP-118)

Dates : From Nov. 2006 till Feb. 2010

Employer : Egyptian Electricity Production Company

Project : Nubaria Combined Cycle Power Station (2x750MW):

- Two modules each module consists of:
  - Two Siemens CTG 250MW type V94.3.
  - Two horizontal Alstom HRSG.
  - One Mitsubishi STG 250MW (HP, IP, LP) turbine.
- 220KV switchyard ABB.
- 500KV switchyard JAPAN AG.
- Four Tie transformer 500/220KV ZTR.
- Medium and low voltage switchgears.

Job title : Maintenance Turbine Engineer

Job Description : Design and management turbine maintenance programming such as:

- Maintenance for Siemens GT 250MW x4 machines.
- Make minor inspection for Siemens CTG 250MW type V94.3:
  - Cleaning of burners.
  - Changing of ceramic tiles of combustion chamber.
  - Visual inspection of turbine & compressor blades.
- Make hot gas path inspection for 2 units Siemens CTG 250MW type V94.3 (worked with Siemens group in that inspection):
  - Removing the outer casing in the turbine section.
  - Lifting off the upper sections of the turbine stationary blade carriers.
  - Rolling out the lower sections of the turbine stationary blade carriers.
  - Removing blades/vanes for refurbishment/replacement.
- Maintenance for steam turbine Mitsubishi STG 250MW.
- Make warranty major inspection for steam turbine with supervisor of Mitsubishi Co.
- Make alignment for shafts for steam turbine between HP and LP and Generator.
- Check the axial & radial clearance for blades.
- Disassembly and re-assemble blade ring for steam turbine.

Dates : From Nov. 2004 till Nov. 2006

Employer : Egyptian Electricity Production Company

Project : Nubaria Combined Cycle Power Station (2x750MW)

Job title : Senior Shift Engineer

Dates : From Mar. 2004 till Nov. 2004

Employer : Egyptian Electricity Production Company

Project : Nubaria Combined Cycle Power Station (2x750MW)

Job title : Commissioning & Start-up Engineer

Job Description :

- Erection for gas turbine & steam turbine.
- Supervision to installing and construction steps to gas turbine.
- Attending first fire to gas turbine with Siemens operator engineers.
- Commissioning, start-up and operation for 4 combustion turbine generators (250MW SIEMENS V94-3A).
- Standing up as Operator Shift Engineer during commissioning and generator protection tests.

- Working as gas turbine operator shift engineer during reliability period.

Dates : From Nov. 2003 till Mar. 2004
Project : Mahmoudia Combined Cycle Power Station (2x150MW)
Job title : Senior Shift Engineer

Dates : From Nov. 1994 to Nov. 2003
Project : Mahmoudia Combined Cycle Power Station (2x150MW):
Two modules each module consists of:
- 4 GE gas turbines (25MW).
- 4 Vertical HRSG (NEM).
- GE steam turbine (55MW).

Job title : Operation Engineer in DCS Control Room

Field of experience :
- Commissioning, steam blow out, start-up and operation for 4 Heat Recovery Steam Generation (ALSTOM 800 ton/hour, horizontal type, natural circulation).
- Commissioning, start-up and operation for steam turbine (Mitsubishi 250MW).
- Operation and maintenance for fire fighting system.