

**100305-MEC-MO-E-2003**  
**Mechanical Operation & Maintenance Engineer**

Holds a B. Sc. in Mechanical Power Engineering and has more than 6 years hands-on experience working as Maintenance and Shift Engineer at Talkha / New Talkha Power Station.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 05/01/1978  
Gender : Male  
Marital Status : Married  
Residence : Mansoura

## EDUCATION

: B. Sc. in Mechanical Power Engineering, Mansoura University, 2003

## LANGUAGES

Arabic : Native Language  
English : Good

## COMPUTER SKILLS

: Windows, MS Office, Internet

## TRAINING COURSES AND CERTIFICATIONS

- : Training performed at Saraing CMI Company (Belgium) on maintenance of power station boilers.
- : Training performed at Skoda Company, Praha (Czech Republic) on maintenance of power station boilers.

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Nov. 2005 till now  
**Project** : New Talkha Power Station 750MW  
**Job title** : Maintenance Engineer  
**Job Description** :

- Prepare and review the contact with PGESCo. as a consultant.
- Supervision of the execution the contract.
- CTG CONTRACT (2x250MW):
  - Prepare and review technical spec. and commercial for CTG package (2x250MW).
  - Evaluation the tender (Siemens, Toshiba, Alstom).
  - Negotiation with Siemens unit version (2x250MW 94.3A2) award.

- Design Mach drawing review and supervision of the execution the contract.
- Follow by erect for the all erection and commissioning and start-up the station.
- STG CONTRACT (250MW):
  - Prepare and review technical spec. and commercial for STG package (1x250MW).
  - Evaluation the tender (Toshiba, Alstom).
  - Negotiation with Alstom unit award.
  - Design Mach drawing review and supervision of the execution the contract.
- HRSG CONTRACT (2x125MW):
  - Follow by erect for the all critical pipes and boilers.
  - Participate in (Hydro test, chemical and steam blow down) for two HRSG with critical pipes.
  - Participate in commissioning and start-up for HRSG (SKODA, CMI), 250MW.
  - Inspect with AI (ASME inspector) from SGC and AI of CMI for two HRSG and welding.
  - Erect, alignment, commissioning and start-up the high pressure feed water pumps, medium pressure feed water pumps, low pressure feed water pumps, condensate pumps, service pumps, dosing pumps.

**Dates** : From Oct. 2004 till Nov. 2005

**Employer** : Middle Delta Electricity Production Co.

**Project** : Talkha Power Station 300MW

**Job title** : Shift Engineer

**Job Description** :

- Shift Engineer in Talkha Gas Power Station of 8x25MW GE:
  - Starting and shut down of gas units of (8x25MW).
- Shift Engineer for Talkha Combined Cycle Station of 2x50MW:
  - Operates HRSG & steam turbines.
  - Doing switchgear operations with national control center to connect and disconnect 220KV unified grid functions.
  - Supervision of 220KV grid functions inside the station.
  - Transformers: 4x60MVA, 11.5/11.5/220KV & 2x65MVA, 11.5/220KV.
  - Isolators & circuit breakers 220KV.
  - Training recent Engineers & Technicians.