106978-MEC-1OS-E-2008
Shift Charge Engineer

Holds a B. Sc. in Mechanical Power Engineering and has over 10 years hands-on experience working in operation at several Power Plants.

PERSONAL DATA

Nationality	:	Egyptian
Birth Date	:	26/08/1984
Gender	:	Male
Marital Status	:	Married

EDUCATION

: B. Sc. in Mechanical Power Engineering, Helwan University, 2008

LANGUAGES

Arabic	:	Native Language
English	:	Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

: Power Plant equipment and systems theory and application, Shoubra El-Kheima Power Plant (certified).

: Condenser Cleaning, Alstom.

: Start-up & shut down of boilers, Ansaldo.

: Power Generation Portal Operation, ABB, includes:

- Power Generation Portal Architecture.
- Power Generation Portal Hardware And Software Basic Configuration.
- Alarms And Events Operation, Playback Archive.
- Power Generation Portal 4.X Operation.
- Power Generation Portal Trends and Historical Archive.

: PLC "Electro Hydraulic" (certified).

: ICDL "Microsoft" (certified).

: AutoCAD 2D

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Mar. 2015 till now

Project : 6th of October Add-on Project Power Plant with overall output power of 900MW

Job title : Shift Charge Engineer

Job Description :

- 4 Gas turbines (AE 94.2) supplied by ANSALDO (commissioning and start-up presence).
- 4 HRSGs supplied from AC BOILERS (steam blowing presence).
- ONE steam turbine (MT20 model) from ANSALDO ENERGIA with output power 340MW (start-up, shutdown and commissioning presence).
- Generator type TRY-L63, air cooled, 375MVA, 20KV, 50HZ.
- Air cooled condenser (ACC) manufactured by SPIG with 6 streets of 8 modules, drain pot tank and 2x100% pumps.
- BOP (balance of plant) all from ANSLADO ENEGIA which consists of:
  - 3x50% high pressure feed water pumps with a constant speed.
  - 3x50% low pressure feed water pumps with a constant speed .
  - 4x50% condensate extraction pumps.
  - 2x100% holding vacuum pumps.

Dates : From Jan. 2010 till Mar. 2015

Project : Thermal Power Plant at El-Tebbin, which produces overall output power of 2x350MW

Job title : Shift Engineer

Job Description :

- 2x350MW turbines which is supplied by ALSTOM.
- 2x350MW Gas/Oil Fire, Low NOx Burners supplied by ANSALDO CALDAIE S.P.A which produces steam capacity of 1150 ton/hr.
- Steam condenser which has about 26,000 tubes with water flow rate of 40,000 ton/hr from circulating water pumps.
- Auxiliary pumps such as:
  - 6x50% electrical feed water pumps (supplied by KSB) with variable turbo-coupling control (supplied by VOITH).
  - Generator.
  - Main transformer.
  - Auxiliary transformer.

Dates : From Jan. 2009 till Jan. 2010

Project : Thermal Power Plant of Shoubra El-Kheima, which produces 4x335MW

Job title : Site Engineer

Job Description :

- 4x335MW turbines Westinghouse with 6 governors control per turbine.
- 4 boilers from ANSALDO.
- Generator.
- 8 turbine feed water pumps with steam governors control valves to control the speed of the pumps and thus the water flow of pump.