

101366-MEC-OS-E-2000
Commissioning & DCS Operation Engineer

Holds a B. Sc. in Mechanical Production Engineering and has about 12 years experience working as Commissioning, Start-up and DCS Operation Engineer.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 09/11/1978
Marital Status : Married

EDUCATION

: B. Sc. in Mechanical Production Engineering, Helwan University, 2000

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Component & Operation of combined cycle, Middle Delta Electrical Production Company, Nubaria.
- : Basic operation training of GE gas turbine (Frame 9FA), on-site training, Nubaria.
- : CS3000 Fundamentals for operation of DCS, Yokogawa Middle East, Bahrain.
- : Training of Trainers, Egyptian Incubators Association, Alexandria.

CHRONOLOGICAL EXPERIENCE RECORD

Project : Nubaria Combined Cycle module III (750MW):

- 2 gas turbines GE 9FA (250MW)
- 2 STF HRSGs
- 1 steam turbine ALSTOM
- 500KV switchyard
- Two outgoing circuits 500KV
- Medium and low switchgears

Job title : Commissioning, Start-up & Operation Engineer

- Job Description** :
 - Commissioning, start-up & operation of Gas Turbine GE 9FA.
 - Commissioning, start-up and operation of STF HRSG boilers and cleaning of pipes by steam blow.
 - Commissioning, start-up and operation of ALSTOM steam turbine.
 - Commissioning and start-up for related auxiliaries such as:
 - Circulating water system.
 - Closed cooling.
 - Service water system.
 - Condensate system.
 - Feed water pumps (high pressure, low pressure).
 - Tube cleaning system.
 - Debris filter.
 - Condenser vacuum pump.
 - Water box vacuum pump.
 - Lube oil system & hydraulic oil system.
- Project** : Nubaria Power Station Module I & II Combined Cycle (1500MW):
Two modules, each module have:
 - Four Siemens gas turbines (250MW Type V94.3A2).
 - Four Alstom HRSG (125 bar, 565 °C, 325 T/ hr).
 - Two Mitsubishi steam turbines (650 T/hr, 250MW).
 - 220KV switchyard.
 - 500KV switchyard.
 - Four tie transformers 500/220KV.
 - Six outgoing circuits 220KV.
 - Two outgoing circuits 500KV.
 - Medium and low switchgears.
- Job title** : DCS Operator Engineer