

100768-MEC-OS-E-2002
Commissioning, Start-up & Operation Engineer

Holds a B. Sc. in Mechanical Power Engineering and has over 14 years hands-on experience working in commissioning, start-up and operation at several Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/09/1979
Gender : Male
Marital Status : Married
Residence : Mansoura

EDUCATION

: B. Sc. in Mechanical Power Engineering, Mansoura University, 2002

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD Draft
: Adobe Photoshop

TRAINING COURSES AND CERTIFICATIONS

- : Three certificates from Geisum Oil (training by the company at the general field).
- : Certificate from Mansoura University Computer Center: successfully attended ACAD (28 days in Nov. 1999).
- : Certificate from Talkha Steam Power Station (2x210MW): successfully attended of the following courses (14 days in Mar. 2004):
 - The measures of the entry.
 - The agreement and the raising overloads of the steam-driven station.
- : Certificate of Participation from Siemens Power Generation Company, Erlangen – Germany (Nov./Dec. 2005), successfully in Basic Operation training:
 - Introduction to the plant.
 - Electrical and I&C part.
 - Gas Turbine.
 - Plant Operation.

- : Certificate of Participation from Siemens Power Generation Company, Erlangen – Germany (Dec. 2005), successfully in MMI training:
 - System overview TELEPERAM XP, Automation system AS 620 B.
 - Process operation with operating terminals (OT's).
 - Process monitoring, fault analysis, alarm sequence display.
 - Process information with curve and display, operating point display.
 - Dynamic function diagrams, Controller functions.
 - Processes start-up, operation and shut-down.
- : Certificate from East Delta Electricity Production Company: successfully attended the following course: Inspection of the power plants equipment (14 days in Dec. 2006).
- : Certificate from Upper Egypt Electricity Production Company (Kureimat 2): worked as a Trainer Engineer for new Operation Engineers and Technicians, Siemens Station (750MW) (from Apr. till Jul. 2007).
- : Certificate from Emerson Company: successfully in the course OV010-WIN, Ovation Operator Course at new Talkha PP 750MW Site:
 - Ovation Controller and Network.
 - Ovation Alarm System.
 - Ovation Process, Control Diagrams.
 - Trend Display System.
 - Ovation point information.
 - Ovation point review.
 - Ovation error log.
- : Certificate from Taprogge Academy: participated successfully in the seminar: Function, Operation and Maintenance of Taprogge Condenser tube cleaning system and Debris filter (Aug. 2007) at New Talkha Power Station.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Aug. 2016 till Jan. 2018
- Employer** : Dragados Gulf / Intecsa Industrial Co.
- Projects** :
 - Saudia Arabia – Ras El Khier – DAP/NPK Project – Ma' aden (DI-AMONIUM- PHOSPHATE/NITROGEN P2O5-K2O) (Mechanical Commissioning Engineer (Piping))
 - Saudia Arabia – Al Jubail – POM Project – Ibn Sina (POLYOXYMETHYLENE PROJECT) (DCS Commissioning & Operation Engineer)
- Job Description** :
 - Steam Blow for Pipes, Supervisor for air blowing and flushing, start-up all pumps, leak test, inerting the systems..... (DAP/NPK).
 - Loop check, function test, start-up, commissioning for DCS and operation for boiler and all Bops... (POM).
- Dates** : From Oct. 2013 till Jul. 2016
- Employer** : INITEC
- Project** : Giza North Power Station (2250MW):
 - GE Gas Turbine (6x250MW).
 - INITIC for (GT & HRSG BOP).
 - STF (HRSG).
 - Yokogawa (DCS).

- Job title** : Ansaldo for Steam Turbine (3x250MW).
- Job Description** :
 - Commissioning, Start-up & Operation Manager
 - Chemical Cleaning for pipe rack and HRSG.
 - Steam Blow for HRSGs & steam blow procedure.
 - Start-up for all Bops.
 - Flushing and Air blowing supervision.
 - Following routine maintenance for all Bops (pumps/air Compressors...).
 - DCS Operation management up to reliability run test.

- Dates** : From Aug. 2012 till Jun. 2013
- Employer** : INITEC & Nooter/Erikson & Companies
- Project** : Uzbekistan - New Navoi Power Station (477MW):
 - MHI Gas Turbine (1x320MW)
 - INITIC for (BOP)
 - Nooter/Erikson (HRSG)
 - ABB (DCS)
 - MHI for Steam Turbine (157MW)

- Job title** : Commissioning, Start-up & Operation Engineer
- Job Description** :
 - DCS Loop Check and Function test.
 - Steam Blow for HRSG.
 - Commissioning, start-up for HRSG and Bop, up to reliability run.

- Dates** : From Feb. 2012 till Aug. 2012
- Employer** : Middle Delta Electricity Production Company
- Project** : Talkha 750MW Combined Cycle Power Plant:
 - Siemens - Gas Turbine 2x250MW.
 - Skoda – BOP.
 - CMI – HRSG.
 - Emerson – DCS.
 - Alstom – Steam Turbine.

- Job title** : Senior Operation Engineer
- Job Description** :
 - Supervise DCS Operators.
 - Supervise Field Operator.
 - Trainer for new Operators and Technicians.

- Dates** : From Dec. 2007 till Nov. 2011
- Employer** : CMI Company
- Projects** :
 - New Talkha Power Station (750MW):
 - Siemens Gas Turbine (2x250MW)
 - Skoda Praha for BOP
 - Emerson for DCS (Ovation System)
 - Alstom for Steam Turbine (250MW)
 - EI-Kureimat II Power Station (750MW):
 - Siemens Gas Turbine (2x250MW)
 - Skoda Praha for BOP
 - Emerson for DCS (Ovation System)
 - Hitachi for Steam Turbine (250MW)
 - EI-Kureimat III Power Station (750MW):

- GE Gas Turbine (2x250MW)
- INITIC for BOP
- Alstom "France" for DCS (Alspa p320)
- Alstom "Germany" for Steam Turbine (250MW)

Job title : Commissioning, Start-up, Process & Operation Engineer

Job Description :

- Chemical Cleaning for pipe rack and HRSGs.
- Steam Blow & steam blow procedure.
- Loop Check and Function test for HRSGS.
- HRSG Logic, start-up/shutdown sequence modification to improve HRSG and BOP performance.
- Trainer for the Client.
- DCS Operators Lead.
- Start-up HRSGs during bypass operation up to reliability run.

Dates : From Apr. 2007 till Jul. 2007

Employer : Upper Egypt Electricity Production Co.

Project : EI-Kureimat II Power Station (750MW)

Job title : Trainer Engineer for new Operation Engineers (Siemens GT)

Dates : From Dec. 2003 till Nov. 2007

Employer : Middle Delta Electrical Production Company

Projects :

- New Talkha Simple Cycle Power Station (2x250MW) (from Nov. 2005 till Nov. 2007)
- Talkha Steam Power Station (2x210MW) (from Dec. 2003 till Nov. 2005)

Job title : Operation Engineer

Job Description :

- DCS Operator for Siemens GT.
- Field Operator for ST.
- DCS Operator for Skoda ST.