

**100587-ELE-1OS-E-2005**  
**Control Room (CRO) & Shift Operation Engineer**

Holds a B. Sc. and a Diploma in Electrical Power Engineering. Has about 17 years hands-on experience working in operation, commissioning and start-up at several Power Plants.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 01/08/1983  
Gender : Male  
Marital Status : Married  
Residence : Currently KSA

## EDUCATION

: B. Sc. in Electrical Power Engineering, Mansoura University, 2005  
: Diploma in Electrical Power Engineering, Mansoura University

## LANGUAGES

Arabic : Native Language  
English : Very Good

## COMPUTER SKILLS

: Windows, MS Office, Internet  
: Adobe Photoshop

## TRAINING COURSES AND CERTIFICATIONS

: Training Course in T3000 SIEMENS DCS in USA (Sep. 2016).  
: Training course in Heat Recovery Steam Generator and BOP of the New Talkha Power Station, 750MW, Combined Cycle Project, CMI ENERGY for Heat Recovery Systems in Belgium (Jun. 2007).  
: Training for Operators of the Appliance Delivered for Skoda Praha for the SIGMA'S Pumps in Czech Republic.  
: Training course in Heat Recovery Steam Generator and Auxiliaries of the New Talkha Power Station, 750MW, Combined Cycle Project, SKODA PRAHA in Prague – Czech Republic.  
: Field trainings at Talkha Power Plant:

- Gas turbine operation course SIEMENS V94.3A - Teleperm XP control system.
- Training course in security of power plants.
- CMI Energy + Skoda Praha HRSG on-job training.

: ICDL

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Aug. 2021 till now  
**Employer** : JIGPC (Joint Venture between SAUDI ARAMCO, AIRPRODUCT and ACWAPOWER)  
**Project** : SAUDI ARABIA  
**Job title** : Control Room (CRO) & Shift Operation Engineer  
**Job Description** :

- Operation of SIEMENS SGT6-5000FI (5-Group) with total Capacity 3900MW (10x244MW GT and ST 5x320MW with Hydrogen cooled Generator (through SIEMENS T3000 DCS).
- Operation for HRSG And Bop (through Honeywell DCS).
- Ensure Safe and stable steam and water production to Refinery, GFU, ASU, SRU and AGR.
- Participate in commissioning and Steam Blow activities.
- Performing the unit start-ups and shutdowns per assigned targets.
- Monitoring the operation of a power generating unit to ensure reliable and efficient power generation.

**Dates** : From Sep. 2016 till Aug. 2021  
**Employer** : NOMAC  
**Project** : R2IPP, SAUDI ARABIA  
**Job title** : Shift Operation Engineer  
**Job Description** :

- Operation of SIEMENS SGT6-5000F (3-Group) with total Capacity 2060MW (6x230MW GT and ST 3x244MW SST6-5000F KN) (through SIEMENS T3000 DCS).
- Operation for HRSG and Bop (through YOKOGAWA DCS).
- Familiarization with BOP Operations including Fuel Gas/Oil, RO desalination, Demineralization, Remineralization, Waste Water treatment, Electro-chlorination Plant.
- Performing the unit startups and shutdowns per assigned targets.
- Trouble shooting, effective response to emergency conditions and compliance to safety procedures.
- Diagnose and resolve day-to-day operational problems.
- Raising defects for equipment & doing isolation and de isolation procedures according to the work permit.
- Monitoring the operation of a power generating unit to ensure reliable and efficient power generation.
- Perform high/medium voltage switching operations.

**Dates** : From Jan. 2015 till Aug. 2016  
**Employer** : INITEC ENERGIA  
**Project** : North Giza Project  
**Job title** : Start-up & Operation Engineer  
**Job Description** :

- Start-up and Operation for HRSG and Bop.
- Operation for equipment through (ABB) & (YOKOGAWA) DCS.
- Chemical Cleaning and Steam Blow for HRSG.
- Performing the unit start-ups and shutdowns per assigned targets.
- Trouble shooting, effective response to emergency conditions and compliance to safety procedures.

- Diagnose and resolve day-to-day operational problems.
- Raising defects for equipment & doing isolation and de isolation procedures according to the work permit.
- Perform high/medium voltage switching operations.

**Dates** : From Jan. 2011 till Dec. 2014  
**Employer** : Dubai Electricity & Water Authority (DEWA)  
**Project** : JEBEL ALI Power and Desalination Station (L-Station / M-Station) – DUBAI  
**Job title** : Control Room Engineer  
**Job Description** :

- Power Side:
  - Operation of SIEMENS V94.3A 4x250MW GT, ALSTOM Steam Turbine (STG) 2x250MW.
  - Operation of GE 9FA 3x250MW GT, 3 HRSG.
  - Operation of TOSHIBA back press. Steam turbine.
  - Operation of SIEMENS V94.3A (3-Groups) 6x250MW GT, NEM 4 HRSG & 1 Auxiliary Boiler, ALSTOM Steam Turbine (STG) 3x250MW.
- Water Side :
  - Operation of FISIA ITALIMPIANTI Multi stage Flash (MSF) type Distiller – 9 Desalination Units.
  - Operation of Blending plant.

**Dates** : From Jun. 2010 till Jan. 2011  
**Employer** : IBERDROLA Spain for Engineering & Construction  
**Project** : Integrated Solar Combined Cycle (ISCC) El-Kureimat  
**Job title** : Commissioning & Start-up Control Room Engineer  
**Job Description** :

- Participate in commissioning and start-up of GE (70MW) Speedtronic Mark VI Gas turbine Frame 6FA.
- Participate in construction, commissioning, steam blow, by-pass Operation and start-up of SIEMENS steam turbine and NEM HRSG.

**Dates** : From Dec. 2005 till Jun. 2010  
**Employer** : Middle Delta Electricity Production Company  
**Project** : New Talkha 750MW Combined Cycle Project  
**Job title** : 1<sup>st</sup> Shift Charge Engineer  
**Job Description** :

- Act as first response to emergency situations, take appropriate steps to stabilize the problem as much as possible while simultaneously informing the supervisor and other parties as indicated in the procedures to safeguard the system and possibly personnel, perform daily routine check and Communicate with NCC to control the loads so as to face the Load Demand.
- Operator for ALSTOM (250MW) Steam Turbine.
- Operator for CMI HRSG.
- Operation of SIEMENS V94.3A (2x250MW) gas turbine - Teleperm XP control system - and associated auxiliary through DCS.
- Monitoring the operation of a power generating unit to ensure reliable and efficient power generation.
- Perform high/medium voltage switching operations.