

**100467-ELE-1OS-E-2005**  
**Shift Charge Operation Engineer**

Holds a B. Sc. in Electrical Power Engineering and has over 14 years hands-on experience, including 13 years working in operation, commissioning and start-up at several Power Plants.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 01/03/1983  
Gender : Male  
Residence : Giza, Cairo

## EDUCATION

: B. Sc. in Electrical Power Engineering, Cairo University - El-Fayoum branch, 2005

## LANGUAGES

Arabic : Native Language  
English : Very Good

## COMPUTER SKILLS

: Windows, MS Office, Internet

## TRAINING COURSES AND CERTIFICATIONS

: Training at Cairo West Thermal Power Station (2003).  
: Training at Mitsubishi Company for turbine operation (2010).  
: Training for total quality management (2006).

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Feb. 2019 till now  
**Employer** : Consultant with Fichtner Engineering Company  
**Project** : YANBUI desalination phase 3 - 5 Supercritical Thermal Power Plant Units  
5x627MW Gas/Oil fired units and 6 desal. units  
**Job title** : Shift Charge Operation Engineer  
**Job Description** :

- Coordinate and supervise all operation activities between all contractors.
- Participate in issuing procedures systems first start-up and first operation.
- Perform work permits and equipment lock out tag out.
- Train owner operators for the proper equipment operation.

- Participate in issuing punish list items.
- Making daily technical reports about the unit activities.
- Helping as process engineer and checking the logics.

**Dates** : From Aug. 2017 till Feb. 2019  
**Employer** : Power Generation Engineering and Services Company (PGESCO)  
**Projects** : South HELWAN, EL-KUREIMAT Supercritical Thermal Power Plant Units 3x650MW Gas/Oil fired units  
**Job title** : Shift Charge Operation Engineer  
**Job Description** :

- Coordinate and supervise all operation activities between all contractors.
- Participate in issuing procedures systems first start-up and first operation.
- Perform work permits and equipment lock out tag out.
- Train owner operators for the proper equipment operation.
- Participate in issuing punish list items.
- Making daily technical reports about the unit activities.

**Dates** : From Feb. 2016 till Jun. 2017  
**Employer** : Hyundai Heavy Industries  
**Project** : Jeddah South Thermal Power Plant, Stage I (JSTPP-I), Supercritical Thermal Power Plant 4 Units - 4x750MW DFO/HFO fired units - balanced Draft system - MHI boiler & turbine  
**Job title** : Shift Unit Operation Engineer  
**Job Description** :

- Support and help for all equipment Commissioning activities testing, lube oil and control oil flushing, initial operation, heat run tests and mechanical run tests.
- Preparing, start-up, normal shutdown and normal operation for the boiler, turbine and auxiliaries (BOP) equipment.
- Reporting the equipment condition during normal operation.

**Dates** : From Nov. 2013 till Dec. 2015  
**Employer** : Power Generation Engineering and Services Company (PGESCO)  
**Project** : EL AIN EL SOKHNA Supercritical Thermal Power Plant Units 1 & 2 - 2x650MW Gas/Oil fired units  
**Job title** : Shift Charge Operation Engineer  
**Job Description** :

- Coordinate and supervise all operation activities between all contractors.
- Participate in issuing procedures systems first start-up and first operation.
- Perform work permits and equipment lock out tag out.
- Train owner operators for the proper equipment operation.
- Participate in issuing punish list items.
- Making daily technical reports about the unit activities.

**Dates** : For 3 years  
**Project** : Cairo West Thermal Power Station (2x350MW)  
**Job title** : Shift Operation Engineer  
**Job Description** : Preparing, start-up, normal shutdown and normal operation for the boiler, turbine and auxiliaries (condensate sys, feed water sys, intake sys, ...).

**Employer** : Babcock – Hitachi Company  
**Job title** : Commissioning, Start-up & Operation Engineer for the boiler  
**Job Description** : Preparing, start-up and normal shutdown for the boiler and Operation Engineer at the normal conditions.

**Dates** : From Apr. 2010 till Feb. 2011  
**Project** : Cairo West Thermal Power Station units 7 & 8 - 2x350MW  
**Job title** : Commissioning, Start-up & Operation Engineer  
**Job Description** :

- Attend and witness all equipment Commissioning activities testing, lube oil and control oil flushing, initial operation and heat run tests for all MHI & Babcock Hitachi & Intec auxiliaries 2x350MW steam unit (turbine & boiler & auxiliaries).
- Steam blow.

**Dates** : From Feb. 2007 till Apr. 2010  
**Project** : El-Kureimat Thermal Power Plant (2x650MW)  
**Job title** : Operation Engineer (Turbine, Boiler & Auxiliaries)  
**Job Description** :

- System Description: 2x650MW, Natural circulation, Natural gas / H.F.O. fired "Babcock" design boiler, drum type controlled circulation, including boiler draft equipment (2FD/2GR) fans, air heaters, HP/LP bypass system, 4 stages Westinghouse turbine, GE H2 cooled generator, stator water cooled, Condenser, 9 stage regeneration system, water supply system, waste water System, sampling system, dosing system, compressed air system, control System (DCS under windows & turbine control system (Mark 5)), emergency and black start diesel generators and hydrogen production system.
- Start-up and shut-down procedures for thermal power plant 2x650MW (Cold, Warm, and Hot Start-up and normal or emergency shut-down).
- (GE) Turbine & auxiliaries operation. And reporting the equipment condition during normal operation.
- (Babcock) Boiler & auxiliaries operation and reporting the equipment condition during normal operation.
- Testing and changing-over for all Mechanical equipment locally and from control.
- Making connection and disconnection for electrical circuits of 220KV, 6.3KV and operation of electrical diesel-generators.
- Making daily technical reports about the unit's abilities & efficiencies.
- A good working knowledge of industrial safety requirements.

**Dates** : For 1 year  
**Employer** : African Chemical Co.  
**Job Description** : Periodic Maintenance Engineer for color painting machines.