

101686-ELE-OS-E-2000
Operation, Commissioning & Start-up Engineer

Holds a B. Sc. in Electronics Engineering and has about 16 years hands-on experience, including 10 years working in operation, start-up and commissioning of steam turbine & gas turbine power plants (Combined Cycle).

PERSONAL DATA

Nationality : Egyptian
Birth Date : 20/05/1978
Gender : Male
Marital Status : Married
Residence : Cairo

EDUCATION

: B. Sc. in Electrical Engineering, Benha University, 2000

LANGUAGES

Arabic : Native Language
English : Excellent

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: AutoCAD
: Visual Basic Program (V6)

TRAINING COURSES AND CERTIFICATIONS

: Operation and maintenance training for HRSG (Heat Recovery Steam Generator) for Cairo North Power Station, NEM Co.
: ALSTOM STEAM TURBINE 750MW combined cycle (E.M.I.T.).
: Plant Operations of 259.5MW Hitachi steam turbine generator & condenser at Cairo North Power Station.
: PLC and DCS.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Sep. 2013 till Mar. 2016
Employer : Techint
Project : El Ain El Sokhna Power Station (2x650MW Capacity (Supercritical Thermal Power Plant)) CP-118 Mechanical Equipment / Piping Installation

Job title : Mechanical Commissioning & Operation Engineer
Job Description :

- Receiving the systems from QC (Quality Control) & Construction.
- Commissioning of mechanical 118 systems (Demi, ccw, service, circulate, chemical cleaning for condensate, feed water systems, ...etc.) through understanding of industrial safety practices.
- Scheduling the procedure of the different systems.
- Preparation and execution of the pre-commissioning and commissioning tasks.
- Supervision of the planning works in advance.
- Familiar with fire fighting systems (commissioning) in large power plants.

Dates : From Jun. 2012 till Jul. 2013
Employer : ROCDAL Co. – MHI Nagasaki & Machinery Works
Project : Abu Qir Thermal Power Station (2x650MW MITSUBISHI Steam Turbine)
Job title : Mechanical Commissioning & Operation Engineer (steam turbine)
Job Description :

- Carry out all commissioning activities as per MHI manufacture recommendation.
- Perform the electrical testing procedures for the equipments.
- Perform the steam blow-out activities for GLAND STEAM LINES.
- Lock out Tag out responsible Engineer.
- Receiving the systems from QC (Quality Control) & Construction.
- Commissioning of mechanical systems (steam seal, lub. Oil, EH).
- Scheduling the procedure of the different systems.
- Preparation and execution of the pre-commissioning tasks.
- Commissioning for the main turbine and operation.
- DCS operation using DIASYS.
- Full knowledge about lock out tag out system.

Dates : From Oct. 2011 till Sep. 2012
Employer : Mitsubishi Heavy Industries
Project : Nubaria Combined Cycle Power Station (2x250MW MITSUBISHI Steam Turbine), CP-106
Job title : Warranty Engineer (steam turbine)

Dates : From Mar. 2006 till Sep. 2011
Employer : Cairo Electricity Production Company
Project : Cairo North Combined Cycle Power Station
Job title : Operation Engineer (MHI Gas Turbine 701F / GE Frame 9FA (250MW))
Job Description :

- Plant Generation Engineer (combined cycle).
- Operation Engineer at 750MW (2 x Gas Turbines (M 701F MITSUBISHI)).
- Operation Engineer at 250MW 1 x HITACHI Steam Turbine operation (TCDF 40 HITACHI).
- GE Frame 9FA (250MW).
- Observe overall plant equipment health.
- Initiate changes to improve plant performance.
- Assist maintenance department in equipment maintenance.
- Backup boiler system owner. Be attentive to boiler system budget and

- open work order list.
- Keep up preventative maintenance work schedule.
- Safety Committee Co-Chair.
- Safety start-up and shut down the unit.
- Responsibilities included environmental protection, employee safety, regulatory compliance, energy management, loss control and facility maintenance.
- Follow up the operation of the unit.
- Read and analyze the alarms and take the suitable action.

Dates : From Jul. 2004 till Feb. 2006
Employer : TOSHIBA EL ARABY Co.
Job title : Production Engineer
Job Description : Follow up and operation of a production line for the TV.

Dates : From 2003 till 2004
Employer : Technical Industrial Schools
Job title : Electronics Teacher

Dates : From 2000 till 2003
Employer : Military
Job Description : Operator in Micro Wave Station.

Field of experience :

- Making improvements to and offering advice about operational procedures.
- Scheduling and co-coordinating work to tight deadlines.
- Ensuring that equipment works to its specification.
- Creating and carrying out test procedures.
- Investigating problems, diagnosing/repairing faults.
- Troubleshooting.
- Liaising with installation/project engineers.
- Supervising engineering and technical staff.
- Writing reports and documentation.
- Providing technical support.
- Ensuring safe working conditions.
- Training maintenance and operative staff where appropriate.
- Commissioning for these systems:
 - B.O.P.
 - CONDENSAT SYSTEM.
 - FEED WATER SYSTEM.
 - AIR COMPRESSOR SYSTEM.
 - FIRE SYSTEM.
 - SOLAR & MAZOUT SYSTEM.
 - Lube oil system.