

**103652-ELE-17OS-E-2001**  
**Commissioning & Operation Shift Engineer**

Holds a B. Sc. in Electronics & Telecommunication and has over 17 years hands-on experience working in operation, commissioning and start-up at several Power Plants.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 15/07/1979  
Gender : Male  
Marital Status : Married  
Residence : Mansoura

## EDUCATION

: B. Sc. in Electronics & Telecommunication, Mansoura University, 2001

## LANGUAGES

Arabic : Native Language  
English : Very Good  
Italian : Good  
German : Basics

## COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet  
: AutoCAD  
: PC network configuration & support, Remote Control tools  
: Net Support School, Bandwidth Controller Manager

## TRAINING COURSES AND CERTIFICATIONS

: PSTN Structure, Local Loop, Transmission, Fiber Optical, Signaling & ss7.  
: Data networks.  
: LAN topology, TCP/IP.  
: Firefighting system.  
: International Computer Driving License (ICDL): Word, Excel, Power Point, and Internet applications.  
: AutoCAD Certificate.

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From May 2017 till now  
**Employer** : ANSALDO ENERGIA  
**Project** : WEST DAMIETTA Power Project Phase II Converting existing Simple Cycle to Combined Cycle use Air Cooled Condenser, Egypt (contract 106)  
**Job title** : Commissioning & Operation Shift Engineer  
**Job Description** :

- Operation Shift Engineer for ANSALDO steam turbine.
- Mechanical and Electrical equipment Isolation, earthling, lock out, tag out.
- Lube Oil System Flushing and Start-up.
- Seal Oil system Flushing and Start-up.
- Hydrogen for cooling Generator sys Flushing and Start-up.
- H.P & L.P Bypass Operation for making (Steam blowing & Hot Cleaning).
- Air Cooled Condenser (A.C.C) sys.

**Dates** : From Dec. 2016 till May 2017  
**Employer** : ANSALDO ENERGIA  
**Project** : WEST DAMIETTA Power Project Phase II Converting existing Simple Cycle to Combined Cycle use Air Cooled Condenser, Egypt (contract 106)  
**Job title** : Senior Electrical Construction Engineer  
**Job Description** : Supervision for electrical installation (Equipment, Auxiliaries, Instruments, Pulling Cables & Interconnection):

- Auxiliaries Installation "Excitation System, Air Cooled Condenser (ACC), Lube Oil & D.C. Emergency Seal Oil & D.C. Emergency, Bypass hydraulic System & Instruments".
- Installation Control panels for S.T.C.S."D.C.S." and A.C.C., Marshaling Interface, Protection, Synchronization, Metering & Low Voltage panels.
- Cable Tray & Conduits, Pulling Cables & Interconnections.

**Dates** : From Sep. 2016 till Dec. 2016  
**Employer** : ANSALDO ENERGIA  
**Project** : Sidi Krir Power Plant Combined Cycle  
**Job title** : I&C Maintenance Engineer  
**Job Description** : Maintenance Engineer and Maintained and Overhaul of steam Turbine.

**Dates** : From May 2014 till Feb. 2016  
**Employer** : Ansaldo Energia  
**Project** : 6 October Power Plant Simple Cycle Extension Project Ansaldo Gas Turbine (Four units x 150MW Total 600MW)  
**Job title** : Commissioning & Operation Shift Engineer  
**Job Description** :

- Commissioning and start-up and operation on Ansaldo Gas Turbine AE94.2 (4x150MW) with SYMPHONY+ / HARMONY DCS control system.
- Instrument and Service air compressors and Air Dryer.
- Closed Cooling Cycle Water System using Fin Van Cooler.

- Mechanical and Electrical equipment Isolation, earthing, lock out, tag out.
- Lube Oil System Flushing and Start-up.
- Hydraulic oil System Flushing and Start-up, Natural Gas System lines Hydro Test.
- Flashing & start-up, Hydro Test & Flashing for Firefighting Water System and CO2 System.
- Firefighting Water System Jockey Pump.
- 6KV electrical Pump and Diesel Pump and Deluge Valves.
- Firefighting CO2 System.
- Air Intake pulse System.
- Lifting Pump & Turning Gear.
- First Firing with Natural Gas, Water Wash of G.T. Compressor Cleaning System.
- Operate the System of Plant from DCS using ABB Symphony S+ Operations V1.0.
- High voltage 220KV GIS system & Medium Voltage Switchgear 6.3KV & Low Voltage. 400V Switching, Isolation, earthing, Lock out, tag out.

**Dates** : From Dec. 2003 till May 2014

**Project** : Talkha Steam Power Station

**Job title** : Operation Shift Engineer

**Job Description** :

- Shift Eng. in Talkha Steam Power Station (2x210MW).
- Shift Eng. of intake Pump Station.
- Shift Eng. of computer and firefighting systems.
- Good experience in (natural gas, heavy oil and light oil) Fired Boilers.
- Good experience in (Gate, Globe, Ball, Butterfly and Safety) Valves.
- Doing Switchgear operation with national Control Center to connect and disconnect 220KV unified grid functions.
- Operating Turbine Eng. (2x210MW).
- Training recent Eng. and Technicians.

**Dates** : From Mar. 2008 till Dec. 2012

**Employer** : Vetro Balsamo – Milano

**Job title** : Control Shift Eng. in Italian glass factory

**Dates** : From Mar. 2003 till Dec. 2003

**Job title** : Network Engineer

**Job Description** :

- Was the responsible to design computer networks in 7 faculties in Mansoura University.
- Maintenance these networks in the seven faculties.
- Responsible for identifying the strategic needs of employees, Propose and develop technical solutions.

**Dates** : From 1999 till 2003

**Employer** : Educational Leaders in IT (ITE, United Company)

**Job Description** : Education Leaders in: Word, Excel, Power Point, Windows, Internet fundamentals, QBasic, Visual Basic, FORTRAN and designing networks.

- Dates** : From 2000 till 2001
- Employer** : Telephone, Network and Fiber Optics (Telecom)
- Job Description** :
- One year of telephone network design. Planning and fiber-optic networks design.
  - Fiber optic, technical data, splits and splices.
  - Full understanding of fiber applications, design and light transmission principles.
  - Practice for the installation of passive components such as connectors and mechanical splices typically used in LAN and WAN systems.
  - Mobile Package: GSM, GPRS, CDMA and UMTS.
- Field of experience** :
- Provided power plant operation, instrument control, maintenance, commission and construction services to government agencies and private firms. My services included but were not limited to fixing, calibrating, and testing power plant instrument and operation all kind of turbine.
  - Review subcontractor execution drawings, material requests and progress reports.
  - Help subcontractor ensure that projects are built in accordance with plans.
  - Give engineering advice to assist in solving problems.
  - Inspect construction site to monitor progress and ensure conformance to engineering plans, specifications, construction and safety standards, resolving design or construction problems and interact with the contractors.
  - Accept material requests and follow up the installation.
  - Review subcontractor daily progress report.
  - Receive the punch list from client, coordinate with subcontractor, implement and follow up on the solution.