

Holds a B. Sc. in Electronics Engineering and has about 18 years hands-on experience in thermal power station commissioning, start-up and operation. Well aware with the different stages of the thermal cycle process & control parameters with hands-on job experience for different control system components & DCS, besides he has the ability to manage & lead team to achieve targeted plans.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 20/01/1977  
Gender : Male  
Marital Status : Married  
Residence : New Cairo

## EDUCATION

: B. Sc. in Electronics Engineering, 2000

## LANGUAGES

Arabic : Native Language  
English : Fluent  
French : Fair  
Spanish : Fair

## COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet

## TRAINING COURSES AND CERTIFICATIONS

: At Shoubra El-Kheima Power Station Training Center: Bechtel course, basic and site specific lessons about operation and maintenance of Power Station (5 months).  
: PMP Preparation Course in the (AUC) American University in Cairo.

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Oct. 2016 till now  
**Employer** : INITEC Energia CONTRACT CP-118 BOP Mechanical equipment / Piping Installation and Commissioning  
**Project** : Suez 1x650MW Thermal Power Project  
**Job title** : Site Manager

**Job Description** : 

- Manage, coordinate and supervise the construction process from the conceptual development Stage through final construction and handover to Completions on a timely and economical basis.
- Coordinating and managing contractors, materials and equipment, schedules and Contracts whilst maintaining client satisfaction and international standards of quality.
- All Related Start-up, Commissioning and Operation activities for Electrical, Instrumentation & Mechanical Equipment's.
- Manage the site team creating an atmosphere of cooperation and team spirit.
- The project budget and deadline & reducing costs / saving money by Estimating time and budgeting costs of each element as per Contract.
- Daily, Weekly & Monthly meetings with the Company Site Stuff.
- The Client /consultant and all Related Contractors Meetings.
- All site Correspondences.

**Dates** : From Dec. 2014 till Oct. 2016

**Employer** : INITEC Energia CONTRACT CP-118 BOP Mechanical equipment / Piping Installation

**Project** : Giza North Power Project Modules I, II & III 6x250 Gas Turbine + 3x250 Steam Turbine

**Job title** : Site Manager

**Job Description** : 

- Overseeing the selection, hiring and management of direct construction employees and specialist subcontractors.
- Managing, coordinating and keep pushing all site heads, subcontractors & Suppliers, Vendors (TA) and also with The Engineering to improve efficiency / productivity on the project and Achieving Projects Milestones.
- Managing the following:
  - The project budget and deadline & reducing costs / saving money by Estimating time and budgeting costs of each element as per Contract.
  - The Overall project Schedule Including site activities, Progress, delivery of equipment, materials and tools.
  - The priorities work amongst many tasks & respecting the priorities of other parties (Contractors).
  - The daily, weekly & monthly work progress and Related Reports.
  - Developing and tracking changes in the construction schedules and plans.
  - All Related Commissioning activities for Electrical & Mechanical Equipments.
  - Daily, Weekly & Monthly meetings with the Company Site Stuff.
  - The Client / Consultant and all Related Contractors Meetings.
  - All site Correspondences.
  - The project Closeout, preparing for Final Certificates.

**Dates** : From Oct. 2013 till Nov. 2014

**Employer** : Arabian Bemco Contracting Co.

**Project** : PP10 CCGT Project 40 Gas Turbines + 40 HRSG + 10 Steam Turbine, Al-Kharj Road, Riyadh, Saudi Arabia

**Job title** : Zone Commissioning Manager

**Job Description** : 

- Supervising & monitoring the Mechanical, electrical, Instrumentation construction Activities, schedules, plans and all Related Turn over Packages (TOP).
- Managing all Commissioning Procedures Preparation.
- Managing & performing all Pre-commissioning & Commissioning activities for Electrical, Mechanical Equipments & Instrumentation including HRSG, STG, ACC and all auxiliaries Systems like Instrument air, Closed Cooling, Demi Water, Feed water, fire Fighting, Gas Systems, etc.
- Preparing and performing the Chemical Cleaning and Steam Blow Out.
- Preparing the Overall project Commissioning Plan & Recovery Plan including all Systems equipment's, Commissioning materials & tools.
- Preparing Schedule for all vendors (TA) site attendance.
- Managing the priorities work amongst many tasks, Systems as per Project Requirements.
- Managing Daily, Weekly & Monthly meetings with the Company Site Stuff.
- Managing / Preparing the Client / Consultant and all related Contractors Meetings.

**Dates** : From Nov. 2012 till Sep. 2013

**Employer** : INITEC Energia (CP-118)

**Project** : Giza North Power Project Modules I, II & III (6x250 Gas Turbine + 3x250 Steam Turbine)

**Job title** : Commissioning Manager

**Job Description** : 

- Managing the following:
  - The site Mobilization.
  - The Overall project Schedule Including site Construction activities, Progress, delivery of equipment, materials and tools.
  - The Daily, Weekly & Monthly work progress and Related Reports.
  - The Subcontractors, materials, manpower all site Erection Activities as per Site priorities (as per Contract).
  - The Client /consultant and all Related Contractors Meetings.
  - Daily, Weekly & Monthly meetings with the Site Stuff, subcontractors & Suppliers.
  - The Hydro Test Activities including TP and Hydro Test Schedule.
  - The Required Missing Materials & performing a recovery Plan.
- Preparing Detailed planning of all stages of construction, including workers, equipment and materials.
- Coordinating and keep Pushing All site stuff, subcontractors & Suppliers, Vendors (TA) to improve efficiency / productivity on the project and Achieving Projects Milestones.
- Reviewing all Required documents, procedures, vendor installation Manuals for all Related Equipments.

**Dates** : From Nov. 2010 till Nov. 2012

**Employer** : INITEC Energia (CP-117, CP-118)

**Project** : Cairo West Thermal Power Project (Units 7 & 8) 2x350MW Gas/Oil FIRED

**Job title** : Commissioning Manager & Deputy Site Manager

- Job Description** :
- Managing the Overall project Schedule including site activities, Progress, delivery of equipment, materials and tools.
  - Overseeing the selection, hiring and management of direct construction employees and specialist subcontractors.
  - Managing the project budget and deadline & reducing costs / saving money by estimating time and budgeting costs of each element as per Contract.
  - Coordinating and keep Pushing all site heads, subcontractors & Suppliers, Vendors (TA) and also with the Engineering to improve efficiency / productivity on the project and Achieving Projects Milestones.
  - Managing the priorities work amongst many tasks & respecting the priorities of other parties (Contractors).
  - Managing the Daily, Weekly & Monthly work progress and related Reports.
  - Managing, developing and tracking changes in the construction schedules and plans.
  - Managing all related Commissioning activities for Electrical & Mechanical Equipments.
  - Managing Daily, Weekly & Monthly meetings with the Company Site Stuff.
  - Managing / Preparing the Client / consultant and all related Contractors Meetings.
  - Managing all site Correspondences.
  - Managing the project Closeout, preparing for Final Certificates.

**Dates** : From Dec. 2008 till Nov. 2010

**Employer** : INITEC Energia – ALSTOM – CMI CONTRACT (CP-106 / 105) BOP AND HRSG'S SYSTEMS

**Project** : EI-Kureimat III Power Project 750MW Combined Cycle

**Job title** : Commissioning Manager

- Job Description** :
- Pre-commissioning, commissioning and start-up for the following systems:
    - Preparing all the commissioning procedures and certificate (Flashing, Blow out, Calibration sheets, Loop check and Function test).
    - Condenser Cooling Water (Circulating Water) System.
    - Condenser Air Removal (Vacuum) System.
    - Water Box Air Removal System.
    - Tube Cleaning & Debris Filter System.
    - HP Bypass System including Hydraulic, Panels and Valves.
    - Feed Water System (HP/IP/LP) including all the control valves, vibration and lube oil system.
    - Condensate Water System.
    - Water & Steam Analysis (Sampling System) including control valves, analyzers and probes.
    - Waste Water System.
  - Preparation the training material for all systems on-shore classroom and field training.

**Dates** : From Mar. 2008 till Dec. 2008  
**Employer** : SEAGULL  
**Project** : Tema Thermal 1 Power Project in Ghana  
(Gas Turbine "GE" FRAME 9E 125MW)  
**Job title** : Instrumentation Control Manager  
**Job Description** :

- Gas Turbine and Auxiliaries' Systems.
- Crude Oil System.
- Solar Oil System.
- Fire Fighting System.

**Dates** : From Jun. 2006 till Mar. 2008  
**Employer** : INITEC Energia  
**Project** : CAIRO NORTH II POWER PROJECT  
(2x250MW GAS TURBINE + 250MW STEAM HRSG)  
**Job title** : Deputy Commissioning Manager  
**Job Description** :

- Pre-commissioning, commissioning and start-up for the following systems:
  - Preparing all the commissioning procedures & certificate (Flashing, Blow out, Function test).
  - Chlorination System.
  - Circulating Water System.
  - Service Water System.
  - Demi Transfer System.
  - Taprogge System (Tube cleaning & Debris filter).
  - Fire Fighting System.
  - Traveling Water Screen & Trash Rake System.
- Preparation the training material for all systems on-shore classroom and field training.

**Dates** : From Jan. 2006 till Jun. 2006  
**Employer** : INITEC Energia (CP-118)  
**Project** : NUBARIA POWER PROJECT  
(4x250MW GAS TURBINE + 2x250MW HRSG)  
**Job title** : Senior Commissioning Engineer  
**Job Description** :

- Commissioning, start-up, maintenance and putting into service the plant systems:
  - Extensive knowledge for DCS Technologies as ALSTOM and GE MARK VI.
  - PLC'S as Siemens & Allen Bradley.
  - Loop check & Function test for BOP of the Power Plant Systems.
  - Troubleshooting hardware instrumentation and software.
  - Calibration all field instruments (pressure, flow, level, transmitters, smart transmitters & switches).
  - Pneumatic and Hydraulic Control Valves.
  - MOV (ROTORK, AUMA, LIMIT TOURQUE...).
  - Boiler Feed Water Pumps Control System.
  - Vibration Systems as BENTLEY NEVADA 3500 MONITORING SYSTEM.
  - Motor Driven Pumps as KSB, ITUR, FLOWSERVE.
- In the BOP Systems:

- Condensate System.
- HP / LP Feed Water System.
- Circulating Water System.
- (XW & XH Systems) Waste Water & Chemical Water System.
- Fire Fighting System.
- Steam blow out of NUBARIA POWER PLANT TWO MODULES (4 HRSG) STEAM BLOW OUT.
- Preparation the training material for all systems on-shore classroom and field training.

**Dates** : From Mar. 2004 till Jan. 2006

**Employer** : INITEC Energia (CP-118)

**Project** : Cairo North Power Station Project Module 1  
(2x250MW Gas Turbine + 250MW HRSG)

**Job title** : Commissioning Engineer

**Job Description** :

- Commissioning, testing, putting into service and maintenance all BOP systems:
  - DCS Loop check & Function test for all systems.
  - Calibration all field instruments (pressure, flow, level, transmitters, smart transmitters & switches).
  - All pneumatic & flow and temperature control valve.
  - MV & LV Motors as ABB, WEG, TECO & SIEMENS, SEW EURODRIVE....
  - MOV as ROTORK, AUMA & EMG....
  - Configuration and testing PLC's.
  - Extensive knowledge for DCS Technologies.
  - Level Transmitter (ENDRESS + HOUSER. ULTRASONIC LEVEL CONTROL).
  - Boiler Feed Water Pumps Control System (BENTLEY NEVADA 3500 MONITORING SYSTEM).
  - Motor Driven Pumps as KSB, ITUR, WEG.
- In the BOP systems:
  - Hydrogen Plant (STUART ENERGY).
  - Closed Cooling System (WB).
  - Service Water System (WO).
  - Service and Instruments Air Compressor System (ATLAS COPCO) + Air Dryers.
  - Potable Water System (PW).
  - Travelling Water Screen System (WT).
  - Trake Rash System.
  - Condensate System.
  - HP/LP Feed Water System.
  - Circulate Water System.
  - Oily Waste System & Chemical Waster System.
  - Lube Oil Transfer System (FL).
  - Raw Water System (WR).
  - Solar Oil System (FO).
  - Solar Oil Treatment System (Alfa Laval).
  - De-mineralized Transfer System (WD).
- Perform tests (Flushing, Blow out, Hydro test) for all systems.
- Perform Turn over package for all systems.
- Supervisor for 2 HRSG Steam Blow out.

- Dates** : From Nov. 2000 till Mar. 2004
- Employer** : Cairo Electricity Production Company (CEPC)
- Project** : Shoubra El-Kheima Power Station  
(4x315MW Steam Turbine + 50MW Gas Turbine)
- Job title** : Maintenance Engineer
- Job Description** :
- Boiler Control System.
  - Service and Instruments Air Compressors.
  - Calibration of all field Instruments (Pressure & Flow & Level & Vacuum Transmitters & Smart Transmitters & Switches & all Control Room Indicators).
  - Calibration of all Control Valves (Pneumatic, Motorized, Flow and Temperature Control Valves).
  - Boiler Feed Pumps Control (TRANSAMERCA DELAVAL – BENTLEY NEVADA Control and Monitoring System).
  - Soot Blowing System.
  - Generation of work ordered into the Computerized System.
- Field of experience** : Experience in the projects management. Moreover the commissioning, has experience of:
- Supervising multi-national multi discipline commissioning teams.
  - Manage the commissioning program for the main contractor's scope of work.
  - Write the Commissioning Plan and other master commissioning documents.
  - Serve as the primary contact with the Engineer for coordinating and scheduling the commissioning program and chairs the commissioning coordination and progress meetings.
  - Lead a team to undertake Pre-operational testing, start-up and Commissioning activities related to the Power Plant and all related auxiliaries in a safe and prudent manner, in keeping with industry standards and OEM requirements.
  - Develop the Project Commissioning Plan. The Commissioning Plan provides direction for the execution of the commissioning process during the construction, inspection, start-up, testing, turnover, warranty runs of the project.
  - Develop Commissioning Procedures to Client specifications. Involved within commissioning contracts in the early stages of commissioning planning.
  - The management of the mechanical electrical and IC Completion and commissioning of systems and setting up of commissioning database to allow accurate job work packs to be raised and accurate tracking of systems for planning.
  - Communicating with equipment vendors and technical consultants to resolve complex issues concerning new technology and upgrades of equipment.
  - Good coordination and project management skills with ability to drive the project completion teams as per scheduled targets to deliver specifications accordingly and in duly time.
  - Knowledge in health and safety. Experience with EPC Main Contractor.