

Holds B. Sc. and M. Sc. in Electrical Power & Machines Engineering and has over 11 years hands-on experience working in operation, commissioning and start-up.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 08/11/1987
Gender : Male
Marital Status : Married
Residence : Beni Suef

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Fayoum University, 2009
: M. Sc. in Electrical Power & Machines Engineering, Fayoum University, 2017

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Access, Power Point), Internet
: MS Project, MS Visio
: Matlab (matrix laboratory program)
: AutoCAD
: SPPA-T3000
: SPPA-M3000 (BFS)
: Mark VI

TRAINING COURSES AND CERTIFICATIONS

: PMP Project Management Professional preparation course.
: Training in SIEMENS Germany in combined cycle power plant sector. The training was on latest technology for H – CLASS combined cycle power plant and on workshop for SIEMENS (from Jul. till Oct. 2016).
: Electric Control course.
: ICDL (International Computer Driving License) certification.
: Trainings at:

- ECM (Electro cable Egypt for manufacture) (2 months).

- El-Kureimat Station (1 month in 2007).
 - El-Kureimat Station (1 month in 2008).
 - Germany factory for plastic (1 month).
- : English: TOEFL certification (TOTAL SCORE 500) (2015).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Nov. 2018 till now
- Employer** : Siemens Energy
- Project** : Beni Suef Combined Cycle Power Plant 4800MW: contains 4 modules each one contains 2 gas turbines, 2 boilers and steam turbine (GTs "SIEMENS SGT5-8000H", HRSG "NEM" and STs " SIEMEN SST-5000 HI-L")
- Job title** : Shift Leader
- Job Description** :
- Job Purpose: Responsible for supervising the plant operation on a continuous basis (such as plant shutdown and start-up, normal plant operation), responding to alarms by taking appropriate actions, assures that the plant meets its generating requirements while operating in a safe and efficient manner, responding to emergency situation.
 - Roles & Responsibilities:
 - Work closely with the Operation Manager and ensure the production of the plant is according to schedule.
 - Organize the work of the shift personnel and supervising strict compliance with the Owner's Safety Rules.
 - Assure that the Power Plant is always operated in an efficient, reliable, economic, and safe manner.
 - Monitoring the status of all plant systems on a continuous basis.
 - Responding to alarms by taking appropriate actions.
 - Supervising plant shutdown and start-up procedures as required.
 - Responding to emergency situations.
 - Utilize computerized Plant Management System SPPA-M3000 for Shift Log, Fault Notification, Work Order and Work Plan Module, Parts Requisition.
 - Lead complex, high impact root cause investigations applying engineering techniques and processes to develop solutions and ensuring issues are solved in terms of accuracy, quality, and timeliness to meet customer needs and business goals.
 - Organize vacation and compensation leave of Operations Team.
 - Training and supervising new employees.
 - Support other departments wherever practical and possible.
 - Achievements:
 - Established the outage plan for the Beni Suef 4800MW Power Plant.
 - Established the kill card for killing any hazard during an emergency situation.
 - Established the operation procedure.
 - Prepared root cause analysis reports.
 - Prepared and applied the performance test for power plant.
 - Established operation fault notification report during BFS blackout.
 - Established layout for control center building for the new arrangement.
 - Established the stander isolation.

Dates : From Apr. 2016 till Nov. 2018

Employer : Egyptian Electric Holding Company

Project : Beni Suef Combined Cycle Power Plant 4800MW, contains 4 modules each one contains 2 gas turbines, 2 boilers and steam turbine (GTs "SIEMENS SGT5-8000H", HRSG "NEM" and STs "SIEMENS SST-5000 HI-L")

Job title : Commissioning, Start-up & Shift Leader Engineer

Job Description :

- Job Purpose: Responsible for supervising the commissioning activities and plant operation on a continuous basis (such as plant shutdown and start-up, normal plant operation), responding to alarms by taking appropriate actions, assure that the plant meets its generating requirements while operating in a safe and efficient manner, responding to the emergency situation.
- Roles & Responsibilities:
 - Reporting any new activities on site, following commissioning tests, coordinating with several contractors to achieve minimum time with maximum progress step by step with project consultant.
 - Following installation, flushing, pre-commissioning and commissioning tests of main plant.
 - Work closely with the Operation Manager and ensure the production of the plant is according to schedule.
 - Organize the work of the shift personnel and supervising strict compliance with Safety Rules.
 - Assure that the Power Plant is always operated in an efficient, reliable, economic and safe manner.
 - Monitoring the status of all plant systems on a continuous basis.
 - Responding to alarms by taking appropriate actions.
 - Supervising plant shutdown and start-up procedures as required.
 - Responding to emergency situations.
 - Organize vacation and compensation leave of Operations Team.
 - Support other departments wherever practical and possible.
- Achievements:
 - Shared in Perform commissioning for Beni Suef 4800MW CCGT.
 - Established operation report for daily events and fault notifications.
 - Established shift Rota.

Dates : From Oct. 2010 till Apr. 2016

Employer : Upper Egypt Electricity Production Company

Project : El-Kureimat Combined Cycle Power Plant 1500MW, contains 2 modules each one contains 2 gas turbines, 2 boilers and steam turbine (GTs "GE 9FA & SIEMENS 4000F", HRSG "CMI" and STs "HITACH & ALSTOM")

Job title : Shift Engineer (Field & Desk Operator)

Job Description :

- Job Purpose: Responsible for monitoring the status of all plant systems on a continuous basis, responding to alarms by taking appropriate actions, execute plant shutdown and start-up procedures as required, assure that the plant meets its generating requirements while operating in a safe and efficient manner, responding to emergency situations.
- Roles & Responsibilities:
 - Monitoring the status of all plant systems on a continuous basis.
 - Responding to alarms by taking appropriate actions.
 - Execute plant shutdown and start-up procedures as required.
 - Assure that the plant meets its generating requirements while

- operating in a safe and efficient manner.
- Responding to emergency situations.
- Monitoring plant condition in the field, take readings and maintaining field records.
- Conducting and resetting isolation measures.
- Carrying out minor repair works (valve/pump packing tightening, etc.).
- Support other departments wherever practical and possible.
- Achievements:
 - Share in all outages.

- Field of experience :**
- Over 11 years of experience in combined cycle power plant, operation, project definition management including following installation, pre-commissioning, commissioning, and start-up of process units in the CCPP.
 - My career began in Upper Egypt Electric Production Company UEEPC, I worked on the largest combined cycle power plant that generate 4 GW (GTs "GE 9FA & SIEMENS 4000F", HRSG "CMI" and STs "HITACH & ALSTOM"), with focus first on the Field Operator then Desk Operator for HRSG, GTs and STs units. This experience allowed me to build a reputable technical background which is why I was appointed to a high-level decision-making committee to lead the shift inside Beni Suef 4800MW CCPP (GTs "SIEMENS SGT5-8000H", HRSG "NEM" and STs "SIEMENS SST-5000 HI-L") of an Egyptian Electric Holding Company EEHC.
 - Well-versed with prepare and review the reports.
 - Working as a Field Operator and Desk Operator gave me the necessary experience and methods required to interpret and explain complex technical information with clarity to others. Additionally, this role also strengthened my ability to lead and control work groups.
 - Well-versed with maintain the highest HSE standards and drive performance and efficiency across the shift
 - Familiar with soft skills package (communication skills, Presentation skills, problem solving, Negotiation skills, Team building).
 - Experience of working with multi-national and multi-cultural project teams, ability to work and co-ordinate with cross functional teams.