

Holds a B. Sc. in Electrical Power & Machines Engineering and has about 13 years hands-on experience, including 12 years working in operation, commissioning and start-up at Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 19/01/1985
Gender : Male
Residence : Beni Suef

EDUCATION

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

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD

TRAINING COURSES AND CERTIFICATIONS

- : DCS Foxboro EVO and Safety Triconex Operation Offshore Training, Schneider Electric Systems in Milano (Italy) (May/Jun. 2018).
- : Boiler Operation Training at AC Boilers in H.O facility, Milan (Italy) (Jul. 2017): Engineering Fundamentals, System Descriptions, I&C, Pressure Parts, Firing system, Chemistry, Operating Procedures and Main Equipment.
- : Update operation system to SPPA-T3000 (El-Kureimat Training Center by Siemens Company):
 - System: Hardware & Software Architecture, redundancy and peripherals.
 - Engineering: Function Diagram, Plant display, Archive and Integrated engineering.
 - Basic Operation display navigation, Alarm Sequence Display and Trends.
- : Combined Cycle, El-Kureimat Training Center.
- : Ovation OV010 operator course, Emerson Process Management.
- : On-shore operation training by SIEMENS Company in El-Kureimat Training Center.

- : Heat Recovery Steam Generator (HRSG) in CMI Company in El-Kureimat Training Center, include:
 - HRSG water survey.
 - HRSG conservation.
 - HRSG heating release.
 - HRSG alarms.
 - HRSG tripe.
 - HRSG logics.
- : On-shore operation training by HITACHI Company in El-Kureimat Training Center.
- : Protection Systems of 220KV switchyard (G.I.S.) by SIEMENS Company in El-Kureimat Training Center.
- : Event and fault recorder of G.I.S. 220KV switchyard by SIEMENS Company in El-Kureimat Training Center.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Oct. 2017 till now
- Project** : South Helwan Thermal Power Station 3x650MW
- Job title** : Commissioning Engineer
- Job Description** :
- Commissioning & Start-up Engineer of Boiler.
 - Boiler Commissioning & Operation Engineer.
 - BOP Commissioning & Operation Engineer.
 - Preparation for steam blow Commissioning (Flushing for piping, Degreasing, Acid cleaning, Passivation).
 - Make sure all the preconditions for commissioning of individual units and overall plant are granted.
 - Make sure all the technical documents necessary for commissioning of different units are available with commissioning team.
 - Be aware of commissioning schedule of the site and accordingly divide the work through comm. team and allocate needed resources such as manpower and tools.
 - Make sure that all necessary tools and equipment for comm. are available with the team and calibration is already performed.
 - Make sure all systems are completed and have ECC before taking over by comm. team and following up to remove the remaining open points through punch lists by installation team.
 - Have a complete list of cold and hot loop checks and take them under control for daily/weekly/monthly progress.
 - Good knowledge of interfaces between different units by which will provide a correct sequence of commissioning activities.
 - Make sure that for all the commissioning works LOTO procedures are held and should fully get involved to PTW system.
 - Close connection with HSE unit to make everybody aware of likely danger potentials of commissioning activities.
 - Plan all individual units and overall plant are handed over to client after completion of commissioning, the respective operation manuals and documents handed over and necessary training courses are held for client operation team enabling them to run the plant.
 - Supervise all acceptance tests of units.
 - Report to site manager.

Dates : From Jan. 2018 till Apr. 2018
Employer : GE
Project : Damietta Combined Cycle Power Plant 750MW:

- 4 GTs 8x125MW.
- 4 HRSGs and ACC (Air Cooling Condenser).
- 1 Steam Turbines 250MW.

Job title : Operation & Start-up Engineer
Job Description :

- Preparation for steam blow Commissioning (Flushing for piping, Degreasing, Acid cleaning, Passivation).
- Be aware of commissioning schedule of the site and accordingly divide the work through comm. team and allocate needed resources such as manpower and tools.
- Make sure that for all the commissioning works LOTO procedures are held and should fully get involved to PTW system.
- Arrange the field check team work, know the logic and alarm information and other.

Dates : From 2011 till 2017
Project : El-Kureimat (II) Power Station 750MW Combined Cycle
Job title : Operation Engineer (Control Room)
Job Description :

- To operate and monitor the plant for its safe and efficient operation.
- This task includes multifarious activities e.g.:
 - Pre-start checks.
 - Starting / running / shutting down.
 - Checking on cool down cycles.
- These were done on several different types of Gas Turbine Engines, steam turbine engine and HRSG such as:
 - 2 Gas Turbines V94.3A, 250MW (SIEMENS), TELEPERM XP control system.
 - 2 Gas Turbines V94.3A, 250MW (SIEMENS), SPPA – T3000 control system.
 - 1 Steam Turbine 250MW (HITACHI), MARK (VI) control system.
 - 2 Heat Recovery Steam Generation (CMI & SKODA).
 - 1 Water Treatment Plant (Demi and Potable) and water intake.
 - The plant is controlled via EMERSON – WDPF DCS control system.

Dates : From 2010 till 2011
Project : El-Kureimat (II) Power Station 750MW Combined Cycle
Job title : Operation Engineer (Local Engineer)
Job Description :

- Check for Faults and alarms on local site.
- Disconnection or connection of electrical Pumps and compressors for both Gas turbine, Steam turbine and HRSG.
- Disconnect and reconnect Circuit Breakers in GIS Switchyard 220KV.
- Rake in or rake out of any Circuit Breakers 6.3KV and 400V.

Dates : From 2009 till 2010
Employer : Ceramica Cleopatra

Job title : Maintenance Engineer

Job Description : Check for malfunctions and fix them for:

- Motors.
- Production Lines.
- Shipments lines.
- Compressors.
- Ovens.

Field of experience :

- Supervising and managing all operation technical and administrative duties.
- Coordinating Load demand requirement per dispatcher and the Grid frequency stability.
- Supervising the start-up and shutdown programs for all system and equipment.
- Performing the rotating equipments changeover schedules on time.
- Perform on-job training programs to the plant operation staff and others.