

Holds a B. Sc. in Mechanical Power Engineering and has about 14 years hands-on experience working in operation, commissioning and start-up at Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 21/07/1978
Gender : Male
Residence : El-Minia

EDUCATION

: B. Sc. in Mechanical Power Engineering, El-Minia University, 2003

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel), Internet
: AutoCAD

TRAINING COURSES AND CERTIFICATIONS

- : Combined Cycle (Nubaria 750MW).
- : Overview process control system SPPA-T3000 (May 2016).
- : Ovation OV010 Operator course (Emerson process management).
- : Heat Recovery Steam Generator (HRSG) in CMI Company include:
 - HRSG water survey.
 - HRSG conservation.
 - HRSG heating release.
 - HRSG alarms.
 - HRSG tripe.
 - HRSG logics.
- : Heat Recovery Steam Generator(s) & Auxiliaries operating training course at Prague, Czech Republic (Dec. 2007).
- : Heat Recovery Steam Generator and BOP at CMI, Liege, Belgium (Nov./Dec. 2007).

- : Gas Turbine MMI Training at Siemens Power Generation, Erlangen, Germany (Jul. 2006):
 - Overview Process Control System Teleperm XP/OM650.
 - Process Operation with operating terminals (OTs).
 - Process monitoring, fault analysis alarm sequence display.
 - Process information with curve and bar displays.
 - Operating point displays and logs.
 - Controller functions overview.
 - Process start-up, operation and shut-down.
- : Training for Operator of the appliance delivered for Skoda Praha in the extent of the contract no.: 104 113 for the SIGMA Pumps type CND, CUD and CJTV.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jan. 2018 till Apr. 2018
Employer : GE / [EGYPTROL](#)
Project : Assiut Site

Dates : From May 2016 till Jan. 2018
Project : El-Kureimat II Combined Cycle Power Station (750MW)
Job title : Shift Charge Engineer
Job Description : New update for SIEMENS SPPA-T3000 control system.

Dates : From 2014 till Apr. 2016
Project : El-Kureimat II Combined Cycle Power Station (750MW)
Job title : Shift Charge Engineer
Job Description :

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

Dates : From 2012 till 2014
Employer : Abu Dhabi Water & Electricity Authority (ADWEA)
Project : Al Mirfa Power Company (Al Ain Power Station)
Job title : Shift Charge Engineer

Dates : From Mar. 2010 till 2012
Employer : Abu Dhabi Water & Electricity Authority (ADWEA)

Project : Al Mirfa Power Company (Al Ain Power Station)
Job title : Operation Engineer (Control Room)
Job Description :

- 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 such as:
 - Frame 6 John Brown Gas turbines with Mark V Speedtronic control system.
 - Westinghouse W251 Gas turbines with HSDE control system.
 - Frame 5 (General Electric, John Brown and Alstom) Gas turbines with Mark II Speedtronic control system.
 - BBC CNG Type 9 Gas turbines with "Secontic" control system.
- Take emergency preventive actions to protect the plant and ensure safety of equipment / personnel.

Dates : From 2006 till 2010
Project : El-Kureimat II Power Station 750MW Combined Cycle
Job title : Commissioning & Operation Engineer (Control Room)
Job Description :

- Commissioning and Start-up Engineer of HRSG.
- HRSG Commissioning & Operation Engineer.
- BOP Commissioning & Operation Engineer.
- Large Turbo Generator Commissioning & Operation Engineer.
- Supervise all pre-commissioning and commissioning activities.
- 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.
- Check availability of suppliers commissioning supervisor in case they are required.
- 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.
- Commissioning check lists are to be completed and the critical records highlighted.
- 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.
- Start-up and Operation Engineer (CMI & SKODA PRAHA) (from Jun. 2009 till Mar. 2010).

Dates : From 2004 till 2006
Project : El-Kureimat Thermal Power Plant 2x627MW
Job title : Operation Engineer (Control Room)
Job Description : Studying tender document and offers of new unit combined cycle 750MW, Contract package 101 CTG (combustion turbine).

EGYPTROL BLACKLIST