

Holds a B. Sc. in Electronics & Communications Engineering and has more than 13 years experience working in operation, commissioning, start-up and I&C maintenance.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/08/1986
Gender : Male
Marital Status : Married
Residence : Ain Shams, Cairo

EDUCATION

: B. Sc. in Electronics & Communications Engineering, Mansoura University, 2009

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

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

TRAINING COURSES AND CERTIFICATIONS

: VMware certified.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jan. 2018 till now
Employer : Middle Delta Electricity Production Co.
Project : New Talkha 750MW Combined Cycle Power Plant
Job title : I&C Maintenance Engineer
Job Description :

- Participate in updating Alspa system for ALSTOM steam turbine DKYZZ3-2N41C steam turbine (250MW) to Ovation Controller Model OCR1100 – Emerson.
- Participate in commissioning and start-up for ALSTOM (250MW) DKYZZ3-2N41C steam turbine after upgrade.
- Work as Maintenance Engineer for SIEMENS V94.3A gas turbine T3000 and associated auxiliary through DCS (Lube-Lift Oil System Hydraulic

System - Compressor Cleaning System - Closed Cooling Water System - Service Water System - Firefighting System - Pneumatic System - Demi Water System).

- Develop, supervise and co-ordinate plant maintenance activities.
- Testing and function check for all fail safe and GT hardware trip signals.
- Doing the required calibration for all Base module and blow-off instruments.
- Maintain any problem in the plant control system.
- Participate in major inspection for gas turbine.
- Participate in major inspection for Steam turbine.
- Able to calibrate all kind of sensor.

Dates	:	From Feb. 2016 till Jan. 2018
Employer	:	Middle Delta Electricity Production Co.
Project	:	New Talkha 750MW Combined Cycle Power Plant
Job title	:	Shift Charge Engineer
Job Description	:	<ul style="list-style-type: none">• Responsible for overall plant operation activities in shift. Ensure that all the activities in the plant are performed in a safe and efficient manner in accordance with the approved Standard Operating Procedures, quality standards, time schedules, and other operating requirements.• Responsible for safe startup/shut down of the plant as per the Standard Operating Procedures.• Comply with safety rules and regulations. Be fully aware of the safety hazards in the plant.• Familiar with plant O&M agreements, P&IDs, SOPs, Work instructions, Operation and control logics, emergency operation procedures, as well as regulatory requirements and any other related documents.• Ensure that the plant is operated to the established standards with minimum risk to men, machine and materials, comply with safety and environmental standards.• Coordinate with all other departments all activities that are related to plant operations during the shift and comply with safety rules and regulations. Have a complete understanding of the permit to work system applied to the plant. Issue and cancel permits to work per authorization. Coordinate activities involving plant chemistry with the Chemist.• Follow preset operational schedules to fulfill the targeted production availability safely and efficiently. Coordinate all activities or changes in plant status with operations manager.• Make quick, on the spot decisions to correct abnormalities or disturbances. Take corrective actions during a state of emergency. Supervise the start-up checklist, interlock checks, protection tests, non-routine activities like preservation, acid cleaning, etc.• Upon authorization, issue work permits for maintenance section involved. Have a complete understanding of the permit to work system procedure applied to the plant. Issue and cancel permits to work per authorization. Normalize the equipment after release and perform necessary testing to check the equipment or system after maintenance.• Monitor the overall status of the plant and summarize activities in the log book. Fill daily plant status reports and relay all activities that occurred

during the shift.

- Study and suggest for any modifications which can improve the plant efficiency.
- Communicate with the load dispatch center.
- Provide on-the-job training to new employees and evaluate their OJT.

Dates : From Oct. 2012 till Feb. 2016
Employer : Middle Delta Electricity Production Co.
Project : New Talkha 750MW Combined Cycle Power Plant
Job title : Field & Control Room Operator
Job Description :

- Participate in commissioning and start-up of ALSTOM (250MW) DKYZZ3-2N41C steam turbine.
- HRSG Field Operator checking the local systems and skid (Hp bypass system – Ip bypass system - Hp/Ip pumps – Lp Pumps - Lp system - Ip system - Hp system - Preheater system).
- HRSG Control Room Operator for two CMI HRSGs including start-up, shutdown, control, monitoring and defects reporting.
- Steam Turbine Field Operator for ALSTOM for checking the local system and skid (condensate pump - circulation water system - condenser vacuum skid - water box vacuum skid - lubrication oil skid - hydraulic oil skid - cleaning condenser tubes system).
- Steam Turbine Control Room Operator for ALSTOM (250MW).
- Monitoring the operation of a power generating unit to ensure reliable and efficient power generation.
- Performing the unit startups and shutdowns per assigned targets.
- Trouble shooting, effective response to emergency conditions and compliance to safety procedures.
- Diagnose and resolve day-to-day operational problems.
- Raising defects for equipment & doing isolation and de-isolation procedures according to the work permit.

Dates : From Mar. 2010 till Oct. 2012
Employer : Middle Delta Electricity Production Co.
Project : New Talkha 750MW Combined Cycle Power Plant
Job title : Field & Control Room Operator
Job Description :

- Operation of 2x250MW SIEMENS V94.3A gas turbine - Teleperm XP control system - T3000 - and associated auxiliary through DCS (Lube-Lift Oil System Hydraulic System - Compressor Cleaning System - Closed Cooling Water System - Service Water System - Firefighting System - Pneumatic System - Demi Water System).
- Monitoring the operation of a power generating unit to ensure reliable and efficient power generation.
- Performing the unit start-ups and shutdowns per assigned targets.
- Trouble shooting, effective response to emergency conditions and compliance to safety procedures.
- Diagnose and resolve day-to-day operational problems.
- Raising defects for equipment & doing isolation and de-isolation procedures according to the work permit.
- Perform high/medium voltage switching operations.

- Handling plant firefighting.