

Holds a B. Sc. in Electronics Engineering (Computers & Control Systems) and has over 14 years hands-on experience, including 13 years working in operation at Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/08/1986
Gender : Male
Marital Status : Married
Residence : Talkha

EDUCATION

- : B. Sc. in Electronics Engineering (Computers & Control Systems), Mansoura University, 2008
- : Currently studying for Master of Business Administration (3rd semester), Arab Academy for Science, Technology and Maritime Transport

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

- : Windows, MS Office (Word, Power Point), Internet
- : Linux OS

TRAINING COURSES AND CERTIFICATIONS

- : NEBOSH International General Certificate in Occupational Health and Safety, The National Examination Board in Occupational Safety and Health.
- : NEBOSH HSE Certificate in Process Safety Management, The National Examination Board in Occupational Safety and Health.
- : Certified Industrial Engineer (CIE), International Business Driving License Foundation (IBDL).
- : Root Cause Failure Analysis, RES (Reliable Engineering Services) Global.
- : Integrated Management System (ISO 9001, 14001, 45001) Certified Internal Auditor, Egyptian German Technical Academy.
- : Engineering Tracks:
 - Project Management Professional Preparation Course.
 - Data Analyst using Excel.
- : Siemens Power Academy training for operation of CCPP in Germany.

- : Occupational Safety & Health Administration course (OSHA Academy – USA).
- : SIEMENS V94.3A Gas turbine operation using simulator (on-job training), EEHC.
- : Operation of HRSG & steam turbine using simulator (on-job training), EEHC.
- : Training course in security of power plants, EEHC.
- : Microcontroller architecture and programming (PIC & Atmel).
- : PLC structure and programming using ladder, FBD, SFC.
- : Introduction of Microsoft Visual Studio 2005.
- : English course for electronics engineering (on-job training).
- : Programming languages (C#, VB.net, C++, Java) (self-study).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Jan. 2019 till now
- Employer** : Siemens Energy SAE
- Project** : Burullus CCPP 4800MW
- Job title** : Operation Leader
- Job Description** :
- Support the establishment and the maintenance of the international management systems according to ISO9001, ISO14001 and ISO 45001.
 - Support actively the setup, maintenance and continuous improvement of a safety and health management system with relevant training to all staff, introduction of guidelines and procedures.
 - Support the Operation Manager to establish and ensure compliance with a Permit- to-work system in the O&M organization.
 - Ensure all operation activities are performed in compliance with local laws and regulations.
 - Set-up new processes to ensure proper execution of quality management systems in O&M Organization.
 - Support the Operation Manager to maintain a close client contact, provide reports in time and react in a timely manner on client's operational requests.
 - Follow internal processes and procedures to achieve the operational requirements, monitor their implementation, actively support their continuous improvement.
 - Support the Operation Departments Shift Team with daily activities, trouble shooting and coordination with Maintenance Departments.
 - Support the Operation Manager in the implementation of a Routine schedule for test activities for operational activities to assure the high availability of all plant components.
 - Follow internal processes and procedures to achieve the operational requirements, monitor their implementation, actively support their continuous improvement.
- Dates** : From May 2016 till Jan. 2019
- Employer** : EEHC
- Project** : Burullus Combined Cycle Power Plant 4800MW
- Job title** : Shift Charge Engineer

Job Description : • Supervision of shift operators for operation of overall plant:
- 8 Gas Turbines SGT5-8000H (405.6MW) SPPA-T3000 Control System.
- 4 Steam Turbines SST5-5000.
- 8 NEM HRSGs.
- Gas Compressors Station.
- GIS.
- Water Treatment Plant.
• Daily reports for the normal operation of units.
• Co-ordinate between Operation Dept. & Maintenance Dept. to solve problems & fix faults.
• Troubleshooting, effective response to emergency conditions and compliance to safety procedures.

Dates : From Feb. 2014 till May 2016

Employer : EEHC

Project : New Talkha 750MW Combined Cycle Power Station

Job title : Shift Charge Engineer

Job Description : • Daily reports for the normal operation of units.
• Co-ordinate between Operation Dept. & Maintenance Dept. to solve problems & fix faults.
• Troubleshooting, effective response to emergency conditions and compliance to safety procedures.

Dates : From Dec. 2012 till Feb. 2014

Employer : Middle Delta Electricity Production Company

Project : New Talkha 750MW Combined Cycle Power Station

Job title : Control Room Operator & Assistant Shift Charge Engineer

Job Description : • Control Room Operator for ALSTOM (250MW) Steam Turbine.
• Control Room Operator for CMI HRSG and its associated Auxiliaries through DCS & Ovation control system.
• Monitoring the operation of a power generating unit to ensure reliable and efficient power generation.

Dates : From Mar. 2011 till Dec. 2012

Employer : Middle Delta Electricity Production Company

Project : New Talkha 750MW Combined Cycle Power Station

Job title : Control Room Operator

Job Description : • Operation of 2x250MW SIEMENS V94.3A gas turbine - Teleperm XP control system - and associated auxiliary through DCS.
• 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.
• Diagnose and resolve day-to-day operational problems.
• Perform high/medium voltage switching operations.

Dates : From Nov. 2009 till Mar. 2011

Employer : Middle Delta Electricity Production Company

Project : New Talkha 750MW Combined Cycle Power Station
Job title : Field Operator
Job Description :

- Operation of 2x250MW SIEMENS V94.3A gas turbine.
- Operation and start-up of ALSTOM (250MW) and CMI HRSG.
- Diagnose and resolve day-to-day operational problems.
- Raising defects for equipment & doing isolation and de isolation procedures according to the work permit.
- Monitoring the operation of a power generating unit to ensure reliable and efficient power generation.
- Troubleshooting, effective response to emergency conditions.

Dates : From Sep. 2008 till Nov. 2009
Employer : Misr Milling Company, Gamasa – Industrial Zone, Egypt
Job title : Electrical Maintenance Engineer
Job Description :

- Preparing and follow up the maintenance schedule.
- Troubleshooting for all electrical and IC defects.