

Holds a B. Sc. in Electronics Engineering (Computers & Control Systems) and has over 10 years hands-on experience working in operation and start-up at New Talkha Power Plant.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 22/02/1985
Gender : Male
Marital Status : Married
Residence : Dakhalia

EDUCATION

: B. Sc. in Electronics Engineering (Computers & Control Systems), Mansoura University, 2006

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

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

TRAINING COURSES AND CERTIFICATIONS

- : Programming languages (C#, VB.net, Java) (self study).
- : SIEMENS V94.3A Gas turbine operation using simulator (on-job training), MDEPC (2010).
- : Maintenance of Gas turbine unit controls, Middle Delta Electricity Production Co. (2009).
- : Protection system of gas turbine unit, Middle Delta Electricity Production Co. (2009).
- : Operation of HRSG & steam turbine using simulator (on-job training).
- : Training course in security of power plants.
- : Summer trainings in Middle Delta Electricity Production Co. (2004 & 2005).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Mar. 2007 till now
Employer : Middle Delta Electricity Production Company

Project	:	New Talkha 750MW Combined Cycle Power Station
Job title	:	Shift Charge Engineer
Job Description	:	<ul style="list-style-type: none"> • Participate in construction, commissioning and start-up of SIEMENS V94.3A gas turbine. • Operation of 2x250MW SIEMENS V94.3A gas turbine Teleperm XP upgraded to sppa T3000 control systems and associated Auxiliary DCS. • Operation and start-up of ALSTOM (250MW) and CMI HRSG. • Responsible for the safe operation of high pressure, low pressure, intermediate boilers. • Monitoring the operation of power generating units to ensure reliable and efficient power generation and to detect evidence of operating problems. • Preparing procedures for units start-up, shutdown and preparing for planned maintenance. • Performing the units start up and shutdown as per assigned targets. • Troubleshooting, 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 equipment and network. • Control auxiliary equipment, such as pumps, fans, compressors, condensers, feed water heaters and filters to supply water, fuel, lubricants, air, or auxiliary power. • Take regulatory action, based on readings from charts, meters and gauges, at established intervals. • Open and close valves and switches in sequence to start or shut down auxiliary units. • Record and compile operational data by completing and maintaining forms, logs, or reports. • Make adjustments or minor repairs, such as tightening leaking Gland and pipe joints. • Regulate equipment operations and conditions, such as water levels, based on instruments and computers data. • Inspect records or log book entries or communicate with plant personnel to assess equipment operating status. • Start or stop generators, auxiliary pumping equipment, turbines, or other power plant equipment as necessary. • Control power generating equipment, including boilers, turbines, generators, or reactors, using control boards or semi-automatic equipment. • Communicate with systems operators to regulate and coordinate line voltages and transmission loads and frequencies. • Adjust controls to generate specified electrical power or to regulate the flow of power between generating stations and substations. • Control generator output to match the phase, frequency, or voltage of electricity supplied to panels. • Place standby emergency electrical generators on line in Emergencies and monitor the temperature, output, and lubrication of the system. • Receive outage calls and request necessary personnel during power outages or emergencies.