

101171-ELE-15OS-E-2007
Shift Charge Operation Engineer

Holds a B. Sc. in Industrial Electronics & Control Engineering and has over 10 years hands-on experience working in operation, commissioning and start-up at Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 16/07/1985
Gender : Male
Marital Status : Married
Residence : Giza, Cairo

EDUCATION

: B. Sc. in Industrial Electronics & Control Engineering, Menoufia University, 2007
: Secondary Education: El Salt Bin Malek, Sultant of Oman, 2002

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

: Network Certificate: Cisco Certification Network Associate (CCNA).
: English Certificate at level 8 in American University in Cairo (AUC).
: PLC Fundamentals course, The Status of Research and Technological Development, Design and National Authority for Military Production (from Oct. 2008 till Jan. 2009).
: Combined Cycle Power Plant Operation and Maintenance Training, El-Kureimat Site (from Nov. 2009. till Jan. 2010).
: Simple Cycle Power Plant Operation and Maintenance Training at 6th October Power Plant on "Gas turbine Operation - Fire Fighting systems and Fire Pumps - Diesel Generators - Fuel oil Treatment", 6th October Site (from Mar. till May 2012).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Sep. 2014 till now
Employer : Cairo Electricity Production Co. (CEPC)
Project : 6th October Gas Turbine Power Plant Project (4x150MW):

- 4 Gas Turbine Simple Cycle 150MW (Ansaldo Energia).
- Symphony plus Operations 1.01 DCS Control System (ABB).
- Air Cooled Electric Generator (Ansaldo Energia).
- Natural Gas & Fuel Oil Firing Systems.
- 2 Emergency Diesel Generators (3 MVA each).
- 4 Main step up Transformers (15.75/220KV) (Tamini).

Job title : Shift Charge Operation Engineer
Job Description :

- Follow-up the operation of Gas turbine and Auxiliary systems construction.
- Managing and charging the team in shift.
- Assist Gas Turbine operation personnel on daily basis to achieve the optimum operating conditions for the Gas Turbines and keep the power station in the highest available Level of Performance and operating conditions.
- Made a troubleshooting reports about the status of the GT.

Dates : From May 2014 till Sep. 2014
Employer : Ansaldo Energia
Project : 6th October Gas Turbine Power Plant Project (4x150MW):

- 4 Gas Turbine Simple Cycle 150MW (Ansaldo Energia).
- Symphony plus Operations 1.01 DCS Control System (ABB).
- Air Cooled Electric Generator (Ansaldo Energia).
- Natural Gas & Fuel Oil Firing Systems.
- 2 Emergency Diesel Generators (3 MVA each).
- 4 Main step up Transformers (15.75/220KV) (Tamini).

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

- Assist Gas Turbine operation personnel on daily basis to achieve the optimum operating conditions for the Gas Turbines and keep the power station in the highest available Level of Performance.
- Commissioning and operating the systems from local and DCS.

Dates : From Nov. 2011 till May 2014
Employer : Cairo Electricity Production Co. (CEPC)
Project : 6th October Power Plant
(Construction of new project in 6th October contain of 4 Gas Turbines, (4x150MW) constructed by Ansaldo Energia, Distributed Control System: ABB Control System using "Synphone Plus"):

- 4 Gas Turbines Simple Cycle 150MW (Ansaldo Energia).
- Symphony plus Operations 1.01 DCS Control System (ABB).
- Air Cooled Electric Generator (Ansaldo Energia).
- Natural Gas & Fuel Oil Firing Systems.
- 2 Emergency Diesel Generators (3 MVA each).
- 4 Main step up Transformers (15.75/220KV) (Tamini)

Job title : Senior Operation Engineer
Job Description : The same description mentioned above.

Dates : From Oct. 2009 till Nov. 2011
Employer : Upper Egypt Electricity Production Co. (UEEPC)
Project : El-Kureimat III Combined Cycle Power Plant:
2 Steam Turbines, 650MW each (GE) & 2 Combined Cycle Plants 750MW
which one of this is Siemens Gas Turbine and Hitachi Steam Turbine
powered of 750MW and the other is GE Gas Turbine and Alstom Steam
Turbine powered of 750MW, Distributed Control System: Mark VI

Job title : Instrumentation & Control Engineer
Job Description :

- Solve the troubleshooting occurred during the operation.
- Site Engineer to calibrating the devices.

Dates : From Dec. 2008 till Oct. 2009
Employer : German Company to Manufacture of the Plastic Pipe
Job title : Control Engineer
Job Description : Analyze the troubleshooting and design the power circuits for a new
machine such as Automatic Cutting Machine & Automatic Mixer UPVC.

Technical Skills:

- Programming languages: Familiar with PLC programming, Handheld and Zelio (smart relay) such used as PLC but with limited function and has the ability to understand any other type of PLC quickly.
- Excellent knowledge in SCADA System.