

101038-ELE-OS-E-2004 Commissioning & Start-up Engineer

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

PERSONAL DATA

Nationality : Egyptian
Birth Date : 13/08/1980
Gender : Male
Marital Status : Married
Residence : Currently KSA

EDUCATION

: B. Sc. in Control Systems Engineering, Al-Azhar University, 2004

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: Visual Basic programming – Data Base (MS Access)

TRAINING COURSES AND CERTIFICATIONS

: ICDL Certificate (UN05095926), CCNA Academy.
: Combined Cycle operation, GE O&M in Subiya CCGT Power Plant (5 days).
: Environment, health and safety, GE O&M in Subiya CCGT Power Plant (1 month).
: First Aid, GE O&M in Subiya CCGT Power Plant (3 days).
: High voltage Operational safety for Engineers (OSHA & NFPA standards), GE O&M in Subiya CCGT Power Plant (2 days).
: American Language Course, Defense Language Institute (DLI) (3 months).
: ICDL, Alpha Training Center, Kuwait (15 days).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Mar. 2016 till now
Employer : Shanahan Engineering

Project : KSA, Riyadh, PP12 (8x170MW GE gas turbine 7FA + 8 HRSG ALSTOM + 2x340MW ALSTOM steam turbine)

Job title : Commissioning & Start-up Engineer

Job Description :

- Commissioning and start-up 4 ALSTOM HRSG through YOKOGAWA DCS, ALSTOM Steam turbine and Air cooled condenser ACC.
- Perform the function test for plant equipment's.
- Perform the EHS procedure.
- Following the procedure of the steam below "sigma below".
- Following the procedure of the bypass operation.
- Perform the steam turbine commissioning procedures.
- Prepare the work permit.
- Following the procedure of starting the boiler.
- Following the procedure of starting the steam turbine.

Dates : From May 2012 till Mar. 2016

Employer : GE O&M Company

Project : Subiya CCGT Power Plant (2000MW) – Kuwait

Job title : Senior Control Room Engineer

Job Description :

- In charge of daily shift operation of 6 GE Gas turbines (MS9001FA, DLN-2.6) and 3 GE steam turbines (D11) through Speedtronic Mark VIe with H.H.I HRSG, BOP and 6 Gas comp.
- Perform the operation procedure and the emergency operation procedure "EOP".
- Perform the operation routine and carry out the daily activities.
- Troubleshooting and make alarm tracing trough control system document.
- Preparation of all systems after outage or black start until synchronizing to the grid and reach base load.
- Working as Authorized person AP under the Safe Working Procedures QAP17.
- Carry out isolation and DE-Isolation of electrical equipment.
- Carry out mechanical isolation and De-isolation of process plant and ancillary equipment.
- Prepare the isolation certificate.
- Risk assessment, hazard hunt.
- Perform the EHS procedure.
- Perform events report.
- Perform incident report.

Dates : From Jul. 2009 till Apr. 2012

Employer : Initec Energia

Project : El-Kureimat III Power Plant - 750MW (2x250MW GE gas turbine + 250MW ALSTOM steam turbine with C.M.I HRSG)

Job title : Commissioning & Start-up Lead

Job Description :

- Perform commissioning and start-up and operate the plant equipment up to T.O.A.C.
- Perform the EHS procedure.
- Manage risk assessment and safety hazards of operational activities.
- Perform the function test for plant equipment's.

- Coordinate with partner, vendors, suppliers and subcontractor.
- Following the procedure of the steam blow.
- Following the procedure of the bypass operation.
- Following the procedure of starting the boiler.
- Following the procedure of starting the steam turbine.
- Diagnose and resolve operation problems and handle all type of operation emergencies.
- Following the HRSG and equipment preservation procedure.
- Using the historian Professionally - Monitor alarmist - event list from DCS.
- Prepare work permit and isolation point.
- Prepare daily report.
- Closing punch list.
- Perform the performance test for the plant equipment's.

Dates : From Dec. 2006 till Nov. 2008
Employer : Kuwait (KEPS)
Job title : System Engineer

Dates : From Sep. 2005 till Dec. 2006
Employer : Initec Energia
Project : Cairo North Combined Cycle Power Plant 1500MW
Job title : Operation Engineer
Job Description :

- Start-up and shut down of plant equipment in the control room DCS system.
- Plant parameter readings take from DCS.
- Check parameters quality.
- Monitor alarmist.
- Check event list from DCS.
- Perform daily and weekly testing for systems.