

100548-ELE-12CMPSTyz-E-2001

Lead Commissioning Engineer

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 20 years hands-on experience working mainly in the field of Electrical Testing & Commissioning.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 27/10/1977
Gender : Male
Residence : Currently KSA

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Operation of Steam Power Plant, Damietta Power Station (3x430MW), 3 weeks.
- : Operation of Combined Cycle Power Plant, Nubaria Power Station (2x750MW), 5 weeks.
- : Off-shore training in electrical maintenance, SIEMENS AG Power Generation, 1 week, covered subjects:
 - Generator Maintenance (Siemens TLRI 115/52).
 - Generator starting frequency converter System (SFC).
 - Static Excitation equipment (SEE) D3 compact unit.
 - Generator protection system (SIPROTEC – Numerical Protection Relays).
- : On-job training in protection & control for HV Substation, 4 weeks, covered subjects: Transmission line protection, bus bar protection, breaker failure protection, Energy meters, lines recorder.
- : On-job training in Electrical Maintenance part for Gas turbine, 1 week, covered subjects: HV transformer protection, generator protection, medium voltage switchgear, Low voltage 400V switchgear (Load centre, MCC), batteries and battery charger.

- : On-job training in operation / mechanical part for gas turbine:
 - Overview CCPP and GT-packages.
 - KKS system (power plant language).
 - Equivalent operating hours, EOH.
 - Availability and reliability.
 - Start-up, loading and shutdown procedure.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Oct. 2008 till now
- Employer** : ALFANAR, KSA
- Projects** :
- HVP2 380KV Extension, Jeddah - KSA (Lead Comm. Engineer) (from Dec. 2013 till now)
 - Shoiaba II CCPP, Jeddah - KSA (Lead Comm. Engineer) (from May 2013 till Oct. 2013)
 - HHR 380KV S/S, Jeddah - KSA (Lead Comm. Engineer) (from Jul. 2012 till May 2013)
 - PP11 CCPP, Riyadh - KSA (Senior Comm. Engineer) (from Jan. 2012 till Jul. 2012)
 - Qasim 380KV S/S, Riyadh - KSA (Senior Comm. Engineer) (from Nov. 2010 till Jan. 2012)
 - Kandrah 380KV S/S, Jeddah - KSA (Senior Comm. Engineer) (from Oct. 2009 till Oct. 2010)
 - Sharourah Power Plant, KSA (Comm. Engineer) (from May 2009 till Oct. 2009)
 - Rabgh 2 Power Plant, KSA (Comm. Engineer) (from Oct. 2008 till May 2009)
- Job title** : Lead Commissioning Eng.
- Job Description** : Scope of work: numerical relays testing (7SA 5x, 7SDx, 7SJx, 7VKx, RED670, REL670, RET670, REC670), line protection panel function check, GIS function scheme check, transformer protection panel check.

- Dates** : From Jun. 2007 till Oct. 2008
- Employer** : YTL Power Services + Siemens Power Generation Group
- Project** : Siemens Power Plants
- Job title** : Electrical Commissioning Engineer
- Job Description** :
- Electrical commissioning works:
 - ZayZoun – Syria Combined Cycle Power Plant Extension 150MW:
 - MV Switchgear commissioning.
 - LV Switchgear commissioning.
 - MV and LV Motor commissioning.
 - DC System.
 - Electrical On-Job-Trainer.
 - Songkhla – Thailand Combined Cycle Power Plant 700MW Block 1:
 - MV Switchgear.
 - LV Switchgear.
 - DC System.

Dates : From Aug. 2006 till Jun. 2007
Employer : Upper Egypt Electricity Production Company (UEEPC)
Project : El-Kureimat II 750MW Combined Cycle Power Plant
Job title : Electrical Commissioning Engineer
Job Description :

- Responsible as UEEPC representative for commissioning all electrical works in GIS HV Substation (Siemens 8DN9, 220KV, breaker & half scheme).
- Electrical Generator TLRI 115/52 (311MVA, 16.5KV, 0.85 P.F.).
- Generator Circuit breaker (16.5KV, 10.5KA, 100KA, ABB).
- HV transformer (16.5/240KV, 180/240/300 MVA, OFF LTC).
- HV transformer (16.5/6.6KV, 32/16/16 MVA, ON LTC).
- MV Switchgear 6KV and 400 Volt LV Switchgear.

Dates : From Oct. 2005 till Aug. 2006
Project : El-Kureimat II 750MW Combined Cycle Power Plant
Job title : Electrical Construction Engineer
Job Description :

- Responsible for Electrical drawings review and approval according to the contract specification requirements.
- Co-ordination and supervision of all contractors and electrical installation work.

Dates : From Jul. 2004 till Oct. 2005
Project : El-Kureimat I 1200MW Thermal Power Plant
Job title : Electrical Maintenance Engineer & Operation Support
Job Description :

- Generators and transformers maintenance.
- Switchgear maintenance (MV switchgear, power center, Motor control centre).

Dates : From Oct. 2003 till Jul. 2004
Employer : Company Control and Instrumentation System (Conisys)
Job title : PLC Programmer

Dates : From Nov. 2001 till Jul. 2003
Employer : Military
Job title : Electrical Design Engineer

Field of experience :

- Parameterization and testing of numerical protection relays.
- Testing & commissioning of Power transformer up to 380KV and associated its protection.
- Pre-commissioning of electrical equipments like CT's, VT's, CB (Hydraulic & Spring charge operation), ES and DS, from up to 380KV system, in various substation/ Power plants, Battery chargers.
- Testing & commissioning of Generator and its associated protection.
- TX. Protection (Diff/REF) and its schemes testing & commissioning.
- Load test, Sensitivity and stability test for generator and relevant Protections.
- Protection scheme, Interlocking schemes for generators.

- Testing & Commissioning of Power Transformers, SF6 Circuit breakers, Current Transformers, Voltage Transformers and Distribution Transformers.
- Testing & Commissioning of control and relay panels for HV, LV switchgear panels.
- Preparation of Cable schedules.
- GEOGRAPHICAL AREAS OF WORK: Egypt, Malaysia, Thailand, Syria, Saudi Arabia Overseas.