

Holds a B. Sc. in Electrical Power & Machines Engineering and has about 7 years hands-on experience in testing, protection, troubleshooting, erection, commissioning and start-up at several Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 17/01/1979
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Tanta University, 2002

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

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

TRAINING COURSES AND CERTIFICATIONS

: Training at Rashid Petroleum Company (RASHPETCO).
: Training at Abu Qir Fertilizers and Chemical Industries Company.
: DCS system training course in Abu Qir Power Plant.
: PLC Siemens step 7 (300) training course in Abu Qir Power Plant.
: Protection instruments training course in Abu Qir Power Plant.
: Training in maintenance mobile (hardware and software) in Smoha Academy.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jan. 2010 till now
Employer : IBERDROLA INGENIERÍA
Project : EI-Kureimat (ISCC)
Job title : Commissioning & Start-up Engineer

Job Description : Responsible for commissioning for complete Power Plant (Integrated Solar Combined Cycle):

- Gas Turbine (GE):
 - Test and commissioning MCC 415V.
 - Test and commissioning DC system (Battery & chargers & DC Motor).
 - Test and commissioning motors and cables.
 - Test and commissioning main transformer 11.5KV/66KV and test protection panel.
 - Test and start-up lighting & sockets & HVAC.
- Steam Turbine (Siemens):
 - Test and commissioning MV switchgear ABB and start-up and testing relays GE.
 - Test and commissioning MCC 415 V (Larsen) and start-up.
 - Test and commissioning two transformer 66KV/6.6KV and test protection panel and relays.
 - Test generator Siemens.
 - Test diesel Emergency.
 - Test all motor and cables.
 - Test DC system (Battery & chargers & ups).
 - Test and commissioning main transformer 11KV/66KV.
 - Check Loop test all electrical systems with DCS.
 - Test and commissioning lighting system and HVAC system.

Dates : From Oct. 2009 till Jan. 2010

Employer : INITEC Energia

Project : Cairo West Power Plant 2x350MW

Job title : Erection, Commissioning & Start-up Engineer

Job Description :

- Responsible for erection and commissioning of all electrical systems.
- Testing and commissioning for all electrical systems HV & MV & LV.
- Commissioning of DC Voltage and UPS system.

Dates : From Apr. 2009 till Oct. 2009

Employer : ALMASHARIQ Co.

Project : AL KHAFJli substation – KSA

Job title : Erection, Commissioning & Start-up Engineer

Job Description :

- Responsible for erection and commissioning for substation 115KV/13.8KV.
- Testing and commissioning all components in substation.

Dates : From Oct. 2004 till Apr. 2009

Employer : West Delta Electricity Production Co.

Project : Abu Qir Power Station (4 units 150MW & 1 unit 325MW)

Job title : Troubleshooting & Protection Engineer

Job Description :

- Erection and commissioning the static excitation system in generator (AVR) automatic voltage regulation 4 units 150MW (Transformer & cables & excitation cubical & software plc GE) and rewinding the rotor and Stator in the synchronous generator (I worked with ALSTOM Power Service Company).

- Erection and commissioning of two units producing Chlorine and Hydrogen from sea water (I worked with Denora Company Italy).
- Experience:
 - Testing and commissioning protection relays on generator & transformer.
 - Testing and commissioning all types of voltage and current transformers.
 - Testing and commissioning all types switchgear HV & MV & LV (ABB & Siemens & Schneider & Areva & Hyundai).
 - Protection of motors.
 - Testing protection relays on switchgear such as Micom relay P122 & P123 & P142 & all type VAMP relay 135 & 40 & 235 & Sepam & SEL.
 - Testing and commissioning power transformer and Isolated Phase bus duct (all tests).
 - Test earthing in switchyard.
 - Calibration and testing of current Transducers & voltage Transducers & Watt Transducers.
 - Testing synchrochic Relay KAVS 100 (AREVA).
 - Testing all aux. relays (AREVA).
 - Testing and commissioning DC Voltage systems (Battery – charge and discharge & rectifiers).
 - Testing and commissioning safety voltage systems (inverters & ups system).
 - Testing the generator (stator and rotor), maintenance all types of excitation system on generator (brush system & brushless rotating diode & static excitation system).
 - Excellent in reading scheme diagram.
 - Excellent in reading single line diagram and wiring circuit.
 - Excellent in Siemens plc step7.
 - Have ability of testing by the famous testers such as:
 - OMICRON Testers (CPC100 & CMC).
 - Programma Testers (Freja 300) & Egil (timing C.B.).
 - Sverker.
 - Megger.