

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 9 years hands-on experience working in operation, construction, start-up, commissioning & maintenance of several Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 09/03/1978
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Cairo University, 2000

LANGUAGES

Arabic : Native Language
English : Excellent

COMPUTER SKILLS

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

TRAINING COURSES AND CERTIFICATIONS

- : 500KV XLPE cable and accessories and partial discharge monitoring system, BRUGG Cables Training Center, Switzerland, Oct./Nov. 2008.
- : At Sidi Krir Power Plant:
 - Siemens training course for maintenance, operation, erection and installation in three fields GIS, Transformers and Protection devices for 500KV Substation with 8DQ1-1 circuit breaker precautions and warnings, principles of maintenance, flanged joints, practical exercises, Jan. 2008.
 - Compressed air system (air dryer, instrument and air compressor), Jan. 2008.
 - DC system and UPS (GUTOR), Mar. 2010.
 - Cathodic protection system (Toshiba), Mar. 2010.

CHRONOLOGICAL EXPERIENCE RECORD

Dates	:	From Jun. 2008 till now
Employer	:	WDEPC (West Delta Electricity Production Company)
Project	:	Sidi Krir Combined Cycle Power Plant (consists of two gas turbine units & one steam turbine & diesel generator)
Job title	:	Electrical Construction, Start-up, Commissioning & Maintenance Engineer
Job Description	:	<ul style="list-style-type: none">• Reviewing contract tender document.• Reviewing submittals, transmittals received from contractors.• Attending and witnessing the inspection and test requests with the consultant and subcontractors.• Supervise and control field activities of the commissioning team.• Assist the Commissioning Manager in all field relating issues and problems for necessary advice & action.• Monitor killing off punch list items with the consultant.• Reviewing system design manuals and operation and design manuals to apply the optimum condition for system start-up and operation.• Attending all erection and installation work of GIS (Gas Insulated Switchgear), Transformers and Protection devices for 500KV Substation (SIEMENS Co.).• Witnessing all the commissioning and testing activities for 500KV Gas Insulated Switchgear (Testing Current Transformers, Potential Transformers, 500KV Circuit Breaker and 500KV switches), Transformers and Protection Devices (Testing Bus Bar differential, Breaker Failure and Synch check, Distance and Backup Over current, Transformer Differential and DC systems).• Start-up and energizing of 500KV Substation.• Witnessing all the commissioning and testing activities for all protection devices in the 750MW Combined Cycle Project (2 Gas Units & 1 Steam Unit (3x250MW)).<ul style="list-style-type: none">- Power Transformers protection devices (SIPROTEC devices).- 6.3KV Switchgear protection devices (SEPAM devices).Energizing of 500MW power station (2 Gas Units x250MW). Witnessing all the installations, commissioning, testing and start-up for medium voltage switchgear, load center and motor control center.• Witnessing all the installations, commissioning, testing and start-up for battery charger and UPS system (GUTOR Co.).• 500KV Cable protection devices.• Power distribution systems in power planets and ATS switches.• Emergency Diesel Generator for MHI 1.3MW.• ARIVA power transformers two Auxiliary 32MVA 21/6.3KV and two main 300MVA 500/21KV.• DCS systems cold and hot loop test.• Cathodic protection on pipe lines.• Trash rack system.• Earth systems.• Lightening arrestor system.• 6.3KV induction motor and commissioning for the local control panels.• 400V induction motors.• Travelling screen system.• Over head cranes.

- Construction, commissioning and maintenance for medium, load center and MCC by Schneider.
- Sepam 1000 soft ware and fault analysis by Schneider.
- DIGSI 4, SIGRA 4 and SIPROTIC 4 by Siemens Work in devices like 7sj602, 7sj611, 7ut613, 7ut635.
- Generator circuit breaker by AREVA.
- Isolated phase bus.
- Cable routing in power station, cable trays, brackets, supports and conduit designs.
- Steam turbine generator and auxiliaries like lube oil, seal oil, condenser tube cleaning system, hydraulic control system and soft starter techniques by ANSALDO (Italy).
- Interface signals between systems and substation.
- Setting calculations.

Dates : From Feb. 2007 till Jun. 2008
Employer : WDEPC (West Delta Electricity Production Company)
Project : Abu Qir Power Station (4x150MW Steam Turbines)
Job title : Shift Engineer

Dates : From Feb. 2002 till Feb. 2007
Employer : EDEPC (East Delta Electricity Production Company)
Project : Hurgada Power Station (6 Gas Turbines, 6x25MW)
Job title : Shift Engineer