

100138-ELE-125CGMS-E-1980

Substations Projects Manager

Holds a B. Sc. in Electrical Power & Machines Engineering and has about 36 years experience in power generation, substations and airports projects. Worked as Commissioning Manager, Engineering Manager and Construction Manager in a number of large scale projects with international reputable organizations.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 05/05/1956
Gender : Male
Marital Status : Married

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Mansoura University, 1980

LANGUAGES

Arabic : Native Language
English : Excellent

COMPUTER SKILLS

: Windows, MS Office (Word, Excel), Internet
: MS Project

TRAINING COURSES AND CERTIFICATIONS

: Numerical Protection System Siprotec (Siemens Training Centre).
: 7SS 52 Bus bar Protection (Siemens PTD SE Training Centre).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From May 2012 till now
Employer : [EGYPTROL](http://www.egyptrol.com)
Projects :

- Cairo West Substation Extension 500KV – Full Primary and Secondary systems design, for GE Grid
- 30MW Genset PP at Cement Factory, Sokoto, Nigeria, for UNATRAC

Job titles : Substations Projects Manager
Job Description :

- Managing the Substations testing/commissioning teams and activities.
- Managing Power Plants Instruments Calibration activities.
- Providing expert assistance for EGYPTROL electrical engineering

team.

Dates : From Jul. 2009 till May 2012
Employer : [EGYPTROL](#)
Job title : Electrical Commissioning Manager
Job Description :

- Prepare commissioning procedure for electrical systems.
- Plan and supervise company's commissioning team activities in different job sites.
- Participate in offers preparation in bidding phase.
- Participate in electrical systems engineering studies.

Dates : From Mar. 2007 till Jun. 2009
Employer : Thermo LLC
Project : Dubai airport (AX324) terminal 3 & concourse 2
Job title : Project Packages Manager
Job Description : For electrical packages installation of different substations (33 substations) he was leading the following construction and commissioning team activities:

- LV switchgears main and sub distributions boards (MDB & ESB).
- Motors Control Centers (MCC).
- Substations & transformers main earthing system.
- Electrical installations for rotundas.

Dates : From Jan. 2006 till Feb. 2007
Employer : Al Toukhi Company for Industry & Trading, KSA
Job title : Manager of Electrical Engineering and Design Department
Job Description :

- Team leader of designer staff.
- Responsible for management/coordination for varies design phases.
- Reviewing and analysis of the documentation and studies process flow.
- Sizing calculations for power plants, substations equipments, relay setting calculation, system coordination and protection schemes.

Dates : From Dec. 2003 till Jan. 2006
Employer : Al Toukhi Company for Industry & Trading, KSA
Projects :

- Jazan extension Power Plant for SAUDI ELECTRICITY COMPANY (6x102.400MW gas turbine generators GE-USA Make) and 132KV substation extension GIS type ABB make
- Arar Extension Power Plant for SAUDI ELECTRICITY COMPANY (2x102.400MW gas turbine generators GE-USA make)
- Rafha Extension Power Plant for SAUDI ELECTRICITY COMPANY (2x37MW gas turbine generators GE-France make) and 33KV substations
- Tihama Extension Power Plant for SAUDI ELECTRICITY COMPANY (2x102.400MW Gas turbine generators GE-USA make)
- Muhayil Substation (132KV / 33KV)

Job title : Electrical Engineering & Design Coordinator
Job Description :

- Responsible for development of main metering protection.
- Single line diagram, reviewing system study, relay setting calculation &

coordination.

- Cable schedule, interfacing chart, procurements of materials, preparing of purchase orders and reviewing supplier detail design for the following equipments:
 - Jazan 132KV GIS S/S extension for two Bays (1 ½ C.B.) ABB make.
 - 33KV, 13.8KV, 480 SWG. ABB make for JAZAN P.P.
 - SIEMENS make for ARAR & RAFHA SWG. and Schneider make for Tihama P.P.
 - MV, LV cable & bus duct.
 - Generator step up, Unit auxiliaries & station auxiliary's transformers.
 - Battery, Battery chargers and UPS / DC distribution system.
 - Muhayil S/S 132KV substation & 33KV S/S ABB make, power transformers and protection equipments.

Dates : From Jan. 2003 till Dec. 2003
Employer : Egyptian Electricity Holding Company (EEHC)
Project : Talkha Power Plant
Job title : Protection Engineer
Job Description : Responsible for (220/66/6KV) GIS substation (Merlin Gerin).

Dates : From Oct. 2001 till Dec. 2002
Employer : Siemens AG
Projects :

- ITL Project (Electrical Interconnection between Tunisia and Libya): Mednine, Zarzis & Bouchemma 225KV/150KV Substation)
- 9 Plane Project (Mornaguia & Monastir 225KV/150KV Substation)

Job title : Testing & Commissioning Engineer
Job Description :

- Responsible for line protection system as distance relays (7SA52, Epac 3000), transformer protection system, bus bar protection (7SS5) and control system.
- Follow up and resolve all guarantee issue.

Dates : From May 2001 till Sep. 2001
Employer : Alstom T&D
Project : Suez Port Said Power Plant 2x2x350MW
Job title : Protection & Commissioning Engineer for 500KV substation

Dates : From Jan. 2001 till Apr. 2001
Employer : Operation & Maintenance Power Company (OMPC)
Project : El-Kureimat Power Plant Unit 1&2 (2x600MW Power Station)
Job title : Electrical Maintenance Superintendent Engineer

Dates : From Jun. 2000 till Dec. 2000
Employer : Siemens AG
Project : Midelec GTPP (3xV64.3)
Job title : Protection Engineer

- Job Description** : Commissioning Engineer for Generator & Transformers Protection System, switchgear, 220DC System (battery and batter charges).
- Dates** : From Aug. 1998 till Jan. 2000
- Employer** : Rueckert Gmbh & Co. KG (ABB subcontractor)
- Project** : New Athens International Airport (N.A.I.A.) Project
- Job title** : Electrical Engineer
- Job Description** :
 - Supervise 20KV outdoors cabling installation.
 - Preparation of method statements for each individual phase of cable pulling, installation of 20KV slip-on-types indoor termination, plug in termination for connection to metal-enclosed SF6-insulated switchgears and joints.
 - Execution of H.V. testing.
 - Energizing of M.V. switchgears and transformers.
- Dates** : From Jan. 1996 till Jun. 1998
- Employer** : ABB Calor Emag Schaltanlagen AG
- Project** : Al Ain International Airport
- Job title** : Commissioning Engineer (Relays & Control Specialist)
- Job Description** :
 - Commissioning of power distribution systems (MV, LV switchgear, transformers, emergency generators and control).
 - Training the client's personal on operation & maintenance of all LV and MV electrical systems.
- Dates** : From Dec. 1993 till Jan. 1996
- Employer** : ABB/ACE
- Projects** :
 - Cairo West Power Plant Unit 5 & 6 (2x350MW)
 - El-Kureimat Power Plant Unit 1 & 2 (2x600MW)
- Job title** : Commissioning & Guarantee Engineer
- Job Description** :
 - Commissioning of generators, transformers protection system, MV & LV switchgear, 220&24V DC system cable test (MV & LV cables) and UPS system, auto transfer system, as built drawings.
 - Testing & commissioning MV switchgear and protection system (El-Kureimat Power Plant).
- Dates** : From Oct. 1989 till Dec. 1993
- Employer** : Egypt Electricity Authority (EEA)
- Project** : Talkha Power Plant
- Job title** : Protection Engineer
- Job Description** :
 - Responsible for commissioning and testing of power transformers, protection system and control system for 220/66/6.6KV Talkha Substation.
 - Testing and commissioning of transformers & generator protection system for unit no. 1 (210MW).
 - Training of operation Engineer's staff at GIS system and protection system.

Dates : From Jun. 1987 till Oct. 1989
Employer : Egypt Electricity Authority (EEA)
Project : Cairo 500/220/11KV Substation
Job title : Protection Engineer

Dates : From 1982 till Jun. 1987
Employer : Sirafi Establishment, Saudi Arabia
Job title : Electrical Engineer
Job Description : Supervise MV & LV cables installation and electrical distribution system for hotels and buildings.