

100647-ELE-125CG-E-1972
Dr. Electrical Consulting Engineer

Holds B. Sc. in Electrical Engineering, M. Sc. in Nuclear Engineering (power plants), Master of Business Administration (MBA) and PhD in Industrial Management. Has about 46 years hands-on experience in supervision of power station and substation installation, testing and commissioning of electrical equipment, electrical design of substations and projects management.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 17/01/1950
Gender : Male
Residence : Benha, Qalubia

EDUCATION

: B. Sc. in Electrical Engineering, Ain Shams University, 1972
: M. Sc. in Nuclear Engineering (power plants), Purdue University – USA, 1987
: Master of Business Administration (MBA), ASPEN University – USA, 2005
: PhD in Industrial Management, American University in London – UK, 2005

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

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

TRAINING COURSES AND CERTIFICATIONS

: Computer programming, System analysis, System design in 1974.
: Practical training for 11KV switchgear assembly and testing (MG, France) in 1979.
: Training for 66/11KV substation commissioning in 1980.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jun. 2014 till Feb. 2018
Employer : DAR Alhandasa Consulting Company

- Project** : Kingdom Tower in KSA, Jeddah
This project will be the tallest tower in the world 1000m high is being constructed in Jeddah City. This building will be provided with up to date modern technology in Electrical networks (MV & LV) and low current systems covering telecommunication systems, security systems and automation systems.
- Job title** : Senior Electrical Engineer (Head of Electrical Section)
- Job Description** :
- Electrical Scope: Diesel generators plant, MV switchgears, twenty five distribution substations, network MV & LV cabling, lighting and small power system, lightning system, protection and automation control systems.
 - Managing of Electrical design and materials & shop drawings approval with project core team.
 - Attending regular concerned meetings with Client and with Contractor as requested.
 - Preparation of related letters to Client / Contractor and replies of Client / Contractor's letters.
 - Attending of Electrical equipment factory test in KSA and abroad with core team.
 - Technical support of site supervision team.
- Dates** : From Oct. 2010 till Jun. 2014
- Employer** : DAR AL-HANDASA
- Project** : Haram Expansion and Central Utility Complex (CUC), Makkah – KSA
- Job title** : Senior Electrical Engineer (Head of Electrical Section)
- Job Description** :
- Electrical Scope: Diesel generators plant, MV switchgears, fifteen distribution substations, network MV & LV cabling, lighting and small power system, protection and automation control systems.
 - Managing of Electrical site work supervision and site work inspection with site team.
 - Attending weekly site work progress concerned meetings with Client and with Contractor.
 - Preparation of letters to Client and Contractors and replies of Client & Contractor's letters.
 - Attending of Electrical equipment factory test in KSA and abroad with site team.
 - Attending of Electrical equipment site test upon installation completion with site team.
- Dates** : From Mar. 2008 till Aug. 2010
- Employer** : DAR AL-HANDASA
- Project** : HV Substations at PEARL – Qatar
- Job title** : Resident Engineer
- Job Description** :
- Electrical Scope: Three HV substations (Each includes 132/66/11KV, 3x25 MVA power transformers, 132 & 66KV GIS, Automation control & protection and connection with national control center).
 - Managing of Electrical HV Substation site work supervision and site work inspection.
 - Attending weekly site work progress concerned meetings with Contractor.

- Preparation of related letters to Contractors and replies of Contractor's letters.
- Attending of Electrical equipment factory test in QATAR and abroad.
- Attending of Electrical equipment site test upon installation completion with site team.
- Reviewing and approval of Contractor materials and shop drawings submittals.
- Reviewing of Contractor site work progress report was submitted for invoicing.

Dates : From Apr. 2007 till Feb. 2008
Employer : AREVA Company
Project : Al-Jubail 380KV/230KV Substations and associated modifications – KSA
Job title : Project Manager
Job Description :

- Official customer interface.
- Provide resources and tools for activities within KSA.
- Project engineering progress control and reporting.
- Project sourcing progress control and reporting.
- Ensure equipment on time delivery as per project schedule.
- Site activities progress control and reporting.
- Monthly progress meeting with Client.

Dates : From Jun. 2005 till Mar. 2007
Employer : ARESCO Company
Project : Sugar Refinery at Ain Sokhna Port
Job title : Site Electrical Consulting Engineer
Job Description :

- Electrical scope: local thermal power plant, generating units, MV switchgears, Distribution substations and LV network for Refinery, Indoor/outdoor lighting and earthing network.
- Project electrical tenders' preparation and bids evaluation.
- Project electrical detail design reviewing.
- Management of electrical contracts.
- Witnessing of Electrical equipment factory test and inspection.
- Site electrical work supervision.

Dates : From Dec. 2003 till May 2005
Employer : ALTOUKHI Company for Industrial and Trading (KSA)
Job title : Bidding & Estimation Section Manager for substations tender study

Dates : From Nov. 2001 till Jul. 2003
Employer : VATECH ELIN HOLEC
Project : High Voltage Substations – Kuwait
Job title : HV SS Project Construction Manager
Job Description :

- Electrical Scope: Three HV substations (Each includes 132/66KV, 3x25 MVA power transformers, 132 & 66KV GIS, control & protection and connection with national control center).
- Management of projects engineering work and design review.
- Projects planning.

- Quality assurance application.
- Equipment factory inspection abroad.
- Management of sites activities.
- Deputy of Country Manager.

Dates : From Oct. 2000 till Sep. 2001
Employer : Schneider Electric High Voltage
Project : High Voltage indoor/outdoor Substations Projects, Egypt
Job title : Projects Department Manager
Job Description :

- Scope: Electrical substations 66/11KV in Egyptian governorates.
- Projects tenders study and quotations preparation.
- Projects contracts preparation.
- Projects planning.
- Projects progress following up.
- Reporting to CBU Managing Director.
- Following up Quality System application.
- Projects equipment inspection abroad.

Dates : From Oct. 1998 till Sep. 2000
Employer : Electro Tharwat Contracting Company
Project : High Voltage Substations, Egypt
Job title : Projects Dept. Manager
Job Description :

- Electrical Scope: 220KV outdoor Electrical Substation for unified electrical network with Libya, El-Lahoun hydro power plant, Tenders study.
- Management of 220KV outdoor substation in El-Salum City for site installation and commissioning.
- Management of El-Lahoun hydro power plant for materials orders, design management, project planning and site activities following up.
- Tenders study and quotation preparation.

Dates : From 1994 till 1997
Employer : Algihaz Contracting Company (KSA)
Project : High Voltage Substations in KSA
Job title : Project Manager
Job Description :

- Management of 132/33/11KV substations projects in south region of KSA.
- Participation in projects electrical design.
- Tenders study and quotation preparation for HV Substations.

Dates : From Oct. 1992 till Sep. 1993
Employer : Dr. M. H. Elsay Consulting Engineers
Project : Gas Turbine Power Plant (2x30MW) in Sultanate Oman
Job title : Site Electrical Consulting Engineer
Job Description :

- Electrical scope: Two gas turbine generating units 30MW each, MV switchgears, Step up transformers 11/220KV, Outdoor 220KV switchyard, Control and protection panels, connection with national

- control center.
- Site Installation work supervision.
- Site test & commissioning supervision.
- Power plant reliability test witnessing.
- Power plant operation supervision.

Dates : From Jun. 1990 till Sep. 1992
Employer : Electrical Power Systems Engineering (EPS/Sogreah)
Project : New Esna Hydro Power Plant (6x15MW)
Job title : Electrical Engineer
Job Description :

- Electrical Scope: Six hydro turbines 15MW each, Plant generators, MV switchgears, Step up transformers 11/132KV, 132KV switchyard, Control and protection panels, Connection with national control center.
- Hydro Power Plant (90MW) Electrical design review.
- Power transformers and 132KV switchyard design review.
- Site Electrical Activities Engineer.
- Project Electrical equipment inspection abroad.

Dates : From 1988 till 1989
Employer : Ministry of Electricity (Eleject Company)
Job title : Substations Site Manager
Job Description :

- Substations Site Manager for Cairo zone indoor Substations 66/11KV.
- Gas turbine generating units Site Manager for installation in West Desert (Egypt).

Dates : From 1983 till 1987
Job Description : Studying for master degree in nuclear power plant in USA.

Dates : From 1978 till 1982
Employer : Ministry of Electricity (Eleject Company)
Job title : Indoor Substations Site Engineer
Job Description :

- Substation site erection for indoor 66/11KV S/S in Cairo zone (from 1980 till 1982).
- Assistance in substation commissioning.
- Site Erection Electrical Engineer for Abu Qir Thermal Power Plant (600MW) (from 1978 till 1980).

Dates : From 1975 till 1978
Employer : Ministry of Electricity (Eleject Company)
Job title : LV & MV Board's Workshop Engineer
Job Description :

- LV boards design.
- LV & MV boards manufacturing.
- LV & MV boards testing.

Dates : From 1972 till 1975
Employer : Cairo Computer Center
Job title : Computer Programmer

- Field of experience** :
- Project Management.
 - Electrical Engineering Design.
 - Electrical Specifications.
 - Design & Materials submittals reviewing as per project requirements.
 - Site work supervision and Electrical test & commissioning.